

## 2018 MeSH Tree Hierarchy

Tree location
A01.....Body Regions
A01.111.....Anatomic Landmarks
A01.236.....Breast
A01.236.249.....Mammary Glands, Human
A01.236.500.....Nipples
A01.378.....Extremities
A01.378.100.....Amputation Stumps
A01.378.610.....Lower Extremity
A01.378.610.100.....Buttocks
A01.378.610.250.....Foot
A01.378.610.250.149.....Ankle
A01.378.610.250.300.....Forefoot, Human
A01.378.610.250.300.480.....Metatarsus
A01.378.610.250.300.792.....Toes
A01.378.610.250.300.792.380.....Hallux
A01.378.610.250.510.....Heel
A01.378.610.400.....Hip
A01.378.610.450.....Knee
A01.378.610.500.....Leg
A01.378.610.750.....Thigh
A01.378.800.....Upper Extremity
A01.378.800.075.....Arm
A01.378.800.090.....Axilla
A01.378.800.420.....Elbow
A01.378.800.585.....Forearm
A01.378.800.667.....Hand
A01.378.800.667.430.....Fingers
A01.378.800.667.430.705.....Thumb
A01.378.800.667.572.....Metacarpus
A01.378.800.667.715.....Wrist
A01.378.800.750.....Shoulder
A01.456.....Head
A01.456.313.....Ear
A01.456.505.....Face
A01.456.505.173.....Cheek
A01.456.505.259.....Chin
A01.456.505.420.....Eye
A01.456.505.420.338.....Eyebrows
A01.456.505.420.504.....Eyelids
A01.456.505.420.504.421.....Eyelashes
A01.456.505.580.....Forehead

## 2018 MeSH Tree Hierarchy

Tree location
A01.456.505.631.....Mouth
A01.456.505.631.515.....Lip
A01.456.505.682.....Nasolabial Fold
A01.456.505.733.....Nose
A01.456.505.750.....Parotid Region
A01.456.505.875.....Superficial Musculoaponeurotic System
A01.456.810.....Scalp
A01.456.830.....Skull Base
A01.456.830.150.....Cranial Fossa, Anterior
A01.456.830.165.....Cranial Fossa, Middle
A01.456.830.200.....Cranial Fossa, Posterior
A01.598.....Neck
A01.598.500.....Superficial Musculoaponeurotic System
A01.635.....Organs at Risk
A01.719.....Perineum
A01.923.....Torso
A01.923.047.....Abdomen
A01.923.047.025.....Abdominal Cavity
A01.923.047.025.600.....Peritoneum
A01.923.047.025.600.225.....Douglas' Pouch
A01.923.047.025.600.451.....Mesentery
A01.923.047.025.600.451.535.....Mesocolon
A01.923.047.025.600.573.....Omentum
A01.923.047.025.600.678.....Peritoneal Cavity
A01.923.047.025.600.700.....Peritoneal Stomata
A01.923.047.025.750.....Retroperitoneal Space
A01.923.047.050.....Abdominal Wall
A01.923.047.365.....Groin
A01.923.047.412.....Inguinal Canal
A01.923.047.849.....Umbilicus
A01.923.176.....Back
A01.923.176.519.....Lumbosacral Region
A01.923.176.780.....Sacrococcygeal Region
A01.923.600.....Pelvis
A01.923.600.500.....Lesser Pelvis
A01.923.600.600.....Pelvic Floor
A01.923.761.....Thorax
A01.923.761.800.....Thoracic Cavity
A01.923.761.800.500.....Mediastinum
A01.923.761.800.650.....Pleural Cavity
A01.923.761.850.....Thoracic Wall

## 2018 MeSH Tree Hierarchy

Tree location
A01.935.....Transplant Donor Site
A01.941.....Transplants
A01.941.500.....Allografts
A01.941.750.....Autografts
A01.941.812.....Bone-Patellar Tendon-Bone Grafts
A01.941.843.....Composite Tissue Allografts
A01.941.875.....Heterografts
A01.941.937.....Isografts
A01.947.....Trigger Points
A01.960.....Viscera
A02.....Musculoskeletal System
A02.083.....Aponeurosis
A02.165.....Cartilage
A02.165.257.....Elastic Cartilage
A02.165.257.250.....Ear Cartilage
A02.165.257.625.....Laryngeal Cartilages
A02.165.257.625.083.....Arytenoid Cartilage
A02.165.257.625.211.....Cricoid Cartilage
A02.165.257.625.411.....Epiglottis
A02.165.257.625.870.....Thyroid Cartilage
A02.165.308.....Fibrocartilage
A02.165.308.410.....Intervertebral Disc
A02.165.308.410.250.....Annulus Fibrosus
A02.165.308.410.500.....Nucleus Pulposus
A02.165.308.538.....Meniscus
A02.165.308.538.500.....Menisci, Tibial
A02.165.308.575.....Palmar Plate
A02.165.308.650.....Plantar Plate
A02.165.308.800.....Triangular Fibrocartilage
A02.165.407.....Hyaline Cartilage
A02.165.407.150.....Cartilage, Articular
A02.165.407.325.....Costal Cartilage
A02.165.407.500.....Laryngeal Cartilages
A02.165.407.500.083.....Arytenoid Cartilage
A02.165.407.500.211.....Cricoid Cartilage
A02.165.407.500.411.....Epiglottis
A02.165.407.500.870.....Thyroid Cartilage
A02.165.407.550.....Nasal Cartilages
A02.340.....Fascia
A02.340.424.....Fascia Lata
A02.340.800.....Tenon Capsule

## 2018 MeSH Tree Hierarchy

Tree location
A02.513.....Ligaments
A02.513.170.....Broad Ligament
A02.513.514.....Ligaments, Articular
A02.513.514.100.....Anterior Cruciate Ligament
A02.513.514.162.....Collateral Ligaments
A02.513.514.162.250.....Collateral Ligament, Ulnar
A02.513.514.162.500.....Lateral Ligament, Ankle
A02.513.514.162.600.....Medial Collateral Ligament, Knee
A02.513.514.287.....Ligamentum Flavum
A02.513.514.350.....Longitudinal Ligaments
A02.513.514.475.....Patellar Ligament
A02.513.514.538.....Plantar Plate
A02.513.514.600.....Posterior Cruciate Ligament
A02.513.514.800.....Round Ligament of Femur
A02.513.901.....Round Ligaments
A02.513.901.500.....Round Ligament of Femur
A02.513.901.750.....Round Ligament of Liver
A02.513.901.875.....Round Ligament of Uterus
A02.633.....Muscles
A02.633.567.....Muscle, Skeletal
A02.633.567.050.....Abdominal Muscles
A02.633.567.050.375.....Abdominal Oblique Muscles
A02.633.567.050.750.....Pelvic Floor
A02.633.567.050.800.....Rectus Abdominis
A02.633.567.175.....Back Muscles
A02.633.567.175.500.....Intermediate Back Muscles
A02.633.567.175.750.....Paraspinal Muscles
A02.633.567.175.875.....Superficial Back Muscles
A02.633.567.300.....Deltoid Muscle
A02.633.567.400.....Facial Muscles
A02.633.567.425.....Gracilis Muscle
A02.633.567.450.....Hamstring Muscles
A02.633.567.500.....Laryngeal Muscles
A02.633.567.600.....Masticatory Muscles
A02.633.567.600.500.....Masseter Muscle
A02.633.567.600.700.....Pterygoid Muscles
A02.633.567.600.850.....Temporal Muscle
A02.633.567.650.....Neck Muscles
A02.633.567.700.....Oculomotor Muscles
A02.633.567.750.....Palatal Muscles
A02.633.567.775.....Pectoralis Muscles

## 2018 MeSH Tree Hierarchy

Tree location
A02.633.567.800.....Pharyngeal Muscles
A02.633.567.800.360.....Esophageal Sphincter, Upper
A02.633.567.800.680.....Velopharyngeal Sphincter
A02.633.567.825.....Psoas Muscles
A02.633.567.850.....Quadriceps Muscle
A02.633.567.900.....Respiratory Muscles
A02.633.567.900.300.....Diaphragm
A02.633.567.900.500.....Intercostal Muscles
A02.633.567.912.....Rotator Cuff
A02.633.567.950.....Stapedius
A02.633.567.975.....Tensor Tympani
A02.633.570.....Muscle, Smooth
A02.633.570.210.....Esophageal Sphincter, Lower
A02.633.570.491.....Muscle, Smooth, Vascular
A02.633.570.500.....Myometrium
A02.633.580.....Myocardium
A02.633.580.680.....Papillary Muscles
A02.835.....Skeleton
A02.835.232.....Bone and Bones
A02.835.232.022.....Bone-Implant Interface
A02.835.232.043.....Bones of Lower Extremity
A02.835.232.043.300.....Foot Bones
A02.835.232.043.300.492.....Metatarsal Bones
A02.835.232.043.300.710.....Tarsal Bones
A02.835.232.043.300.710.300.....Calcaneus
A02.835.232.043.300.710.780.....Talus
A02.835.232.043.300.800.....Toe Phalanges
A02.835.232.043.650.....Leg Bones
A02.835.232.043.650.247.....Femur
A02.835.232.043.650.247.343.....Femur Head
A02.835.232.043.650.247.510.....Femur Neck
A02.835.232.043.650.321.....Fibula
A02.835.232.043.650.624.....Patella
A02.835.232.043.650.883.....Tibia
A02.835.232.043.825.....Pelvic Bones
A02.835.232.043.825.108.....Acetabulum
A02.835.232.043.825.434.....Ilium
A02.835.232.043.825.548.....Ischium
A02.835.232.043.825.781.....Pubic Bone
A02.835.232.087.....Bones of Upper Extremity
A02.835.232.087.090.....Arm Bones

## 2018 MeSH Tree Hierarchy

Tree location
A02.835.232.087.090.400.....Humerus
A02.835.232.087.090.400.400.....Humeral Head
A02.835.232.087.090.700.....Radius
A02.835.232.087.090.850.....Ulna
A02.835.232.087.090.850.600.....Olecranon Process
A02.835.232.087.227.....Clavicle
A02.835.232.087.319.....Hand Bones
A02.835.232.087.319.150.....Carpal Bones
A02.835.232.087.319.150.150.....Capitate Bone
A02.835.232.087.319.150.400.....Hamate Bone
A02.835.232.087.319.150.500.....Lunate Bone
A02.835.232.087.319.150.600.....Pisiform Bone
A02.835.232.087.319.150.750.....Scaphoid Bone
A02.835.232.087.319.150.800.....Trapezium Bone
A02.835.232.087.319.150.805.....Trapezoid Bone
A02.835.232.087.319.150.831.....Triquetrum Bone
A02.835.232.087.319.350.....Finger Phalanges
A02.835.232.087.319.550.....Metacarpal Bones
A02.835.232.087.783.....Scapula
A02.835.232.087.783.261.....Acromion
A02.835.232.087.783.356.....Coracoid Process
A02.835.232.087.783.450.....Glenoid Cavity
A02.835.232.169.....Diaphyses
A02.835.232.251.....Epiphyses
A02.835.232.251.352.....Growth Plate
A02.835.232.409.....Hyoid Bone
A02.835.232.570.....Rib Cage
A02.835.232.570.500.....Ribs
A02.835.232.570.500.150.....Cervical Rib
A02.835.232.570.750.....Sternum
A02.835.232.570.750.442.....Manubrium
A02.835.232.570.750.825.....Xiphoid Bone
A02.835.232.730.....Sesamoid Bones
A02.835.232.730.500.....Patella
A02.835.232.781.....Skull
A02.835.232.781.175.....Cranial Fontanelles
A02.835.232.781.200.....Cranial Sutures
A02.835.232.781.292.....Ethmoid Bone
A02.835.232.781.324.....Facial Bones
A02.835.232.781.324.502.....Jaw
A02.835.232.781.324.502.125.....Alveolar Process

## 2018 MeSH Tree Hierarchy

Tree location
A02.835.232.781.324.502.125.800.....Tooth Socket
A02.835.232.781.324.502.320.....Dental Arch
A02.835.232.781.324.502.632.....Mandible
A02.835.232.781.324.502.632.130.....Chin
A02.835.232.781.324.502.632.600.....Mandibular Condyle
A02.835.232.781.324.502.645.....Maxilla
A02.835.232.781.324.502.660.....Palate, Hard
A02.835.232.781.324.665.....Nasal Bone
A02.835.232.781.324.690.....Orbit
A02.835.232.781.324.948.....Turbinates
A02.835.232.781.324.971.....Vomer
A02.835.232.781.324.995.....Zygoma
A02.835.232.781.375.....Frontal Bone
A02.835.232.781.572.....Occipital Bone
A02.835.232.781.572.434.....Foramen Magnum
A02.835.232.781.651.....Parietal Bone
A02.835.232.781.670.....Pterygopalatine Fossa
A02.835.232.781.750.....Skull Base
A02.835.232.781.750.150.....Cranial Fossa, Anterior
A02.835.232.781.750.165.....Cranial Fossa, Middle
A02.835.232.781.750.400.....Cranial Fossa, Posterior
A02.835.232.781.802.....Sphenoid Bone
A02.835.232.781.802.662.....Sella Turcica
A02.835.232.781.885.....Temporal Bone
A02.835.232.781.885.444.....Mastoid
A02.835.232.781.885.681.....Petrous Bone
A02.835.232.834.....Spine
A02.835.232.834.151.....Cervical Vertebrae
A02.835.232.834.151.383.....Axis, Cervical Vertebra
A02.835.232.834.151.383.668.....Odontoid Process
A02.835.232.834.151.500.....Cervical Atlas
A02.835.232.834.229.....Coccyx
A02.835.232.834.432.....Intervertebral Disc
A02.835.232.834.432.250.....Annulus Fibrosus
A02.835.232.834.432.500.....Nucleus Pulposus
A02.835.232.834.519.....Lumbar Vertebrae
A02.835.232.834.717.....Sacrum
A02.835.232.834.803.....Spinal Canal
A02.835.232.834.803.350.....Epidural Space
A02.835.232.834.892.....Thoracic Vertebrae
A02.835.583.....Joints

## 2018 MeSH Tree Hierarchy

Tree location	
A02.835.583.032.....	Acromioclavicular Joint
A02.835.583.097.....	Atlanto-Axial Joint
A02.835.583.101.....	Atlanto-Occipital Joint
A02.835.583.156.....	Bursa, Synovial
A02.835.583.192.....	Cartilage, Articular
A02.835.583.290.....	Elbow Joint
A02.835.583.378.....	Foot Joints
A02.835.583.378.062.....	Ankle Joint
A02.835.583.378.531.....	Metatarsophalangeal Joint
A02.835.583.378.531.500.....	Plantar Plate
A02.835.583.378.831.....	Tarsal Joints
A02.835.583.378.831.780.....	Subtalar Joint
A02.835.583.378.900.....	Toe Joint
A02.835.583.378.900.500.....	Plantar Plate
A02.835.583.405.....	Hand Joints
A02.835.583.405.174.....	Carpal Joints
A02.835.583.405.200.....	Carpometacarpal Joints
A02.835.583.405.350.....	Finger Joint
A02.835.583.405.500.....	Metacarpophalangeal Joint
A02.835.583.405.500.900.....	Palmar Plate
A02.835.583.405.930.....	Wrist Joint
A02.835.583.405.930.800.....	Triangular Fibrocartilage
A02.835.583.411.....	Hip Joint
A02.835.583.411.500.....	Round Ligament of Femur
A02.835.583.443.....	Joint Capsule
A02.835.583.443.800.....	Synovial Membrane
A02.835.583.443.800.800.....	Synovial Fluid
A02.835.583.475.....	Knee Joint
A02.835.583.475.590.....	Menisci, Tibial
A02.835.583.475.650.....	Patellofemoral Joint
A02.835.583.512.....	Ligaments, Articular
A02.835.583.512.100.....	Anterior Cruciate Ligament
A02.835.583.512.162.....	Collateral Ligaments
A02.835.583.512.162.250.....	Collateral Ligament, Ulnar
A02.835.583.512.162.500.....	Lateral Ligament, Ankle
A02.835.583.512.162.600.....	Medial Collateral Ligament, Knee
A02.835.583.512.287.....	Ligamentum Flavum
A02.835.583.512.350.....	Longitudinal Ligaments
A02.835.583.512.475.....	Patellar Ligament
A02.835.583.512.538.....	Plantar Plate
A02.835.583.512.600.....	Posterior Cruciate Ligament



## 2018 MeSH Tree Hierarchy

Tree location
A02.835.583.512.900.....Palmar Plate
A02.835.583.512.950.....Round Ligament of Femur
A02.835.583.656.....Pubic Symphysis
A02.835.583.707.....Sacroiliac Joint
A02.835.583.748.....Shoulder Joint
A02.835.583.781.....Sternoclavicular Joint
A02.835.583.790.....Sternocostal Joints
A02.835.583.861.....Temporomandibular Joint
A02.835.583.861.900.....Temporomandibular Joint Disc
A02.835.583.979.....Zygapophyseal Joint
A02.880.....Tendons
A02.880.176.....Achilles Tendon
A02.880.307.....Hamstring Tendons
A02.880.438.....Patellar Ligament
A02.880.700.....Rotator Cuff
A03.....Digestive System
A03.159.....Biliary Tract
A03.159.183.....Bile Ducts
A03.159.183.079.....Bile Ducts, Extrahepatic
A03.159.183.079.300.....Common Bile Duct
A03.159.183.079.300.950.....Ampulla of Vater
A03.159.183.079.300.950.600.....Sphincter of Oddi
A03.159.183.079.450.....Cystic Duct
A03.159.183.079.600.....Hepatic Duct, Common
A03.159.183.158.....Bile Ducts, Intrahepatic
A03.159.183.158.125.....Bile Canaliculi
A03.159.439.....Gallbladder
A03.556.....Gastrointestinal Tract
A03.556.124.....Intestines
A03.556.124.369.....Intestinal Mucosa
A03.556.124.369.290.....Enterocytes
A03.556.124.369.320.....Goblet Cells
A03.556.124.369.700.....Paneth Cells
A03.556.124.526.....Intestine, Large
A03.556.124.526.070.....Anal Canal
A03.556.124.526.209.....Cecum
A03.556.124.526.209.290.....Appendix
A03.556.124.526.356.....Colon
A03.556.124.526.356.333.....Colon, Ascending
A03.556.124.526.356.500.....Colon, Descending
A03.556.124.526.356.668.....Colon, Sigmoid

## 2018 MeSH Tree Hierarchy

Tree location
A03.556.124.526.356.834.....Colon, Transverse
A03.556.124.526.767.....Rectum
A03.556.124.684.....Intestine, Small
A03.556.124.684.124.....Duodenum
A03.556.124.684.124.236.....Ampulla of Vater
A03.556.124.684.124.236.572.....Sphincter of Oddi
A03.556.124.684.124.322.....Brunner Glands
A03.556.124.684.249.....Ileum
A03.556.124.684.249.400.....Ileocecal Valve
A03.556.124.684.249.612.....Meckel Diverticulum
A03.556.124.684.500.....Jejunum
A03.556.249.....Lower Gastrointestinal Tract
A03.556.249.124.....Ileum
A03.556.249.124.400.....Ileocecal Valve
A03.556.249.124.612.....Meckel Diverticulum
A03.556.249.249.....Intestine, Large
A03.556.249.249.070.....Anal Canal
A03.556.249.249.209.....Cecum
A03.556.249.249.209.290.....Appendix
A03.556.249.249.356.....Colon
A03.556.249.249.356.333.....Colon, Ascending
A03.556.249.249.356.500.....Colon, Descending
A03.556.249.249.356.668.....Colon, Sigmoid
A03.556.249.249.356.834.....Colon, Transverse
A03.556.249.249.767.....Rectum
A03.556.249.750.....Jejunum
A03.556.500.....Mouth
A03.556.500.379.....Dentition
A03.556.500.760.....Salivary Glands
A03.556.500.760.464.....Parotid Gland
A03.556.500.760.640.....Salivary Ducts
A03.556.500.760.650.....Salivary Glands, Minor
A03.556.500.760.687.....Sublingual Gland
A03.556.500.760.812.....Submandibular Gland
A03.556.500.760.906.....von Ebner Glands
A03.556.500.885.....Tongue
A03.556.500.885.431.....Lingual Frenum
A03.556.500.885.779.....Taste Buds
A03.556.750.....Pharynx
A03.556.875.....Upper Gastrointestinal Tract
A03.556.875.249.....Duodenum

## 2018 MeSH Tree Hierarchy

Tree location
A03.556.875.249.160.....Ampulla of Vater
A03.556.875.249.160.572.....Sphincter of Oddi
A03.556.875.249.322.....Brunner Glands
A03.556.875.500.....Esophagus
A03.556.875.500.180.....Esophageal Mucosa
A03.556.875.500.360.....Esophageal Sphincter, Upper
A03.556.875.500.414.....Esophagogastric Junction
A03.556.875.500.414.350.....Esophageal Sphincter, Lower
A03.556.875.875.....Stomach
A03.556.875.875.163.....Cardia
A03.556.875.875.330.....Esophagogastric Junction
A03.556.875.875.330.350.....Esophageal Sphincter, Lower
A03.556.875.875.419.....Gastric Fundus
A03.556.875.875.440.....Gastric Mucosa
A03.556.875.875.440.150.....Chief Cells, Gastric
A03.556.875.875.440.250.....Enterochromaffin Cells
A03.556.875.875.440.300.....Gastrin-Secreting Cells
A03.556.875.875.440.708.....Parietal Cells, Gastric
A03.556.875.875.440.854.....Somatostatin-Secreting Cells
A03.556.875.875.578.....Gastric Stump
A03.556.875.875.716.....Pyloric Antrum
A03.556.875.875.799.....Pylorus
A03.620.....Liver
A03.620.150.....Bile Ducts, Intrahepatic
A03.620.150.125.....Bile Canaliculi
A03.620.575.....Round Ligament of Liver
A03.734.....Pancreas
A03.734.414.....Islets of Langerhans
A03.734.414.065.....Glucagon-Secreting Cells
A03.734.414.131.....Insulin-Secreting Cells
A03.734.414.587.....Pancreatic Polypeptide-Secreting Cells
A03.734.414.793.....Somatostatin-Secreting Cells
A03.734.540.....Pancreas, Exocrine
A03.734.667.....Pancreatic Ducts
A03.734.667.500.....Ampulla of Vater
A04.....Respiratory System
A04.329.....Larynx
A04.329.364.....Glottis
A04.329.364.737.....Vocal Cords
A04.329.591.....Laryngeal Cartilages
A04.329.591.085.....Arytenoid Cartilage

## 2018 MeSH Tree Hierarchy

Tree location
A04.329.591.211.....Cricoid Cartilage
A04.329.591.411.....Epiglottis
A04.329.591.870.....Thyroid Cartilage
A04.329.597.....Laryngeal Mucosa
A04.329.597.320.....Goblet Cells
A04.329.604.....Laryngeal Muscles
A04.411.....Lung
A04.411.125.....Bronchi
A04.411.125.500.....Bronchioles
A04.411.715.....Pulmonary Alveoli
A04.411.715.025.....Blood-Air Barrier
A04.411.715.512.....Alveolar Epithelial Cells
A04.531.....Nose
A04.531.378.....Nasal Bone
A04.531.413.....Nasal Cartilages
A04.531.449.....Nasal Cavity
A04.531.520.....Nasal Mucosa
A04.531.520.320.....Goblet Cells
A04.531.520.573.....Olfactory Mucosa
A04.531.520.573.580.....Olfactory Receptor Neurons
A04.531.591.....Nasal Septum
A04.531.591.469.....Vomer
A04.531.621.....Paranasal Sinuses
A04.531.621.267.....Ethmoid Sinus
A04.531.621.387.....Frontal Sinus
A04.531.621.578.....Maxillary Sinus
A04.531.621.827.....Sphenoid Sinus
A04.531.898.....Turbinates
A04.623.....Pharynx
A04.623.490.....Hypopharynx
A04.623.490.600.....Pyriform Sinus
A04.623.557.....Nasopharynx
A04.623.557.500.....Adenoids
A04.623.603.....Oropharynx
A04.623.603.925.....Palatine Tonsil
A04.623.617.....Pharyngeal Muscles
A04.623.617.360.....Esophageal Sphincter, Upper
A04.623.617.680.....Velopharyngeal Sphincter
A04.716.....Pleura
A04.760.....Respiratory Mucosa
A04.760.259.....Goblet Cells

## 2018 MeSH Tree Hierarchy

Tree location
A04.760.520.....Laryngeal Mucosa
A04.760.600.....Nasal Mucosa
A04.760.600.640.....Olfactory Mucosa
A04.760.600.640.640.....Olfactory Receptor Neurons
A04.889.....Trachea
A05.....Urogenital System
A05.360.....Genitalia
A05.360.319.....Genitalia, Female
A05.360.319.114.....Adnexa Uteri
A05.360.319.114.170.....Broad Ligament
A05.360.319.114.373.....Fallopian Tubes
A05.360.319.114.630.....Ovary
A05.360.319.114.630.278.....Corpus Luteum
A05.360.319.114.630.278.400.....Luteal Cells
A05.360.319.114.630.535.....Ovarian Follicle
A05.360.319.114.630.535.150.....Follicular Fluid
A05.360.319.114.630.535.200.....Granulosa Cells
A05.360.319.114.630.535.200.500.....Cumulus Cells
A05.360.319.114.630.535.400.....Theca Cells
A05.360.319.114.815.....Round Ligament of Uterus
A05.360.319.679.....Uterus
A05.360.319.679.256.....Cervix Uteri
A05.360.319.679.490.....Endometrium
A05.360.319.679.490.373.....Decidua
A05.360.319.679.490.373.500.....Deciduoma
A05.360.319.679.690.....Myometrium
A05.360.319.779.....Vagina
A05.360.319.779.479.....Hymen
A05.360.319.887.....Vulva
A05.360.319.887.220.....Bartholin's Glands
A05.360.319.887.436.....Clitoris
A05.360.444.....Genitalia, Male
A05.360.444.123.....Bulbourethral Glands
A05.360.444.251.....Ejaculatory Ducts
A05.360.444.371.....Epididymis
A05.360.444.492.....Penis
A05.360.444.492.362.....Foreskin
A05.360.444.492.726.....Urethra
A05.360.444.575.....Prostate
A05.360.444.661.....Scrotum
A05.360.444.713.....Seminal Vesicles

## 2018 MeSH Tree Hierarchy

Tree location	
A05.360.444.777.....	Spermatic Cord
A05.360.444.849.....	Testis
A05.360.444.849.513.....	Leydig Cells
A05.360.444.849.600.....	Rete Testis
A05.360.444.849.700.....	Seminiferous Tubules
A05.360.444.849.700.349.....	Blood-Testis Barrier
A05.360.444.849.700.700.....	Seminiferous Epithelium
A05.360.444.849.789.....	Sertoli Cells
A05.360.444.930.....	Vas Deferens
A05.360.490.....	Germ Cells
A05.360.490.690.....	Ovum
A05.360.490.690.680.....	Oocytes
A05.360.490.690.680.500.....	Polar Bodies
A05.360.490.690.700.....	Oogonia
A05.360.490.690.950.....	Zona Pellucida
A05.360.490.690.970.....	Zygote
A05.360.490.890.....	Spermatozoa
A05.360.490.890.820.....	Sperm Head
A05.360.490.890.820.100.....	Acrosome
A05.360.490.890.830.....	Sperm Midpiece
A05.360.490.890.840.....	Sperm Tail
A05.360.490.890.860.....	Spermatids
A05.360.490.890.880.....	Spermatocytes
A05.360.490.890.900.....	Spermatogonia
A05.360.576.....	Gonads
A05.360.576.497.....	Ovary
A05.360.576.782.....	Testis
A05.810.....	Urinary Tract
A05.810.453.....	Kidney
A05.810.453.324.....	Kidney Cortex
A05.810.453.324.359.....	Kidney Glomerulus
A05.810.453.324.359.372.....	Glomerular Filtration Barrier
A05.810.453.324.359.372.400.....	Glomerular Basement Membrane
A05.810.453.324.359.372.650.....	Podocytes
A05.810.453.324.359.520.....	Juxtaglomerular Apparatus
A05.810.453.324.359.620.....	Mesangial Cells
A05.810.453.324.359.620.500.....	Glomerular Mesangium
A05.810.453.466.....	Kidney Medulla
A05.810.453.537.....	Kidney Pelvis
A05.810.453.537.503.....	Kidney Calices
A05.810.453.736.....	Nephrons

## 2018 MeSH Tree Hierarchy

Tree location
A05.810.453.736.520.....Kidney Glomerulus
A05.810.453.736.520.224.....Glomerular Basement Membrane
A05.810.453.736.520.372.....Glomerular Filtration Barrier
A05.810.453.736.520.520.....Juxtaglomerular Apparatus
A05.810.453.736.520.620.....Mesangial Cells
A05.810.453.736.520.620.500.....Glomerular Mesangium
A05.810.453.736.520.720.....Podocytes
A05.810.453.736.560.....Kidney Tubules
A05.810.453.736.560.254.....Bowman Capsule
A05.810.453.736.560.510.....Kidney Tubules, Collecting
A05.810.453.736.560.540.....Kidney Tubules, Distal
A05.810.453.736.560.570.....Kidney Tubules, Proximal
A05.810.453.736.560.610.....Loop of Henle
A05.810.776.....Ureter
A05.810.876.....Urethra
A05.810.890.....Urinary Bladder
A06.....Endocrine System
A06.224.....Chromaffin System
A06.224.161.....Chromaffin Cells
A06.224.161.500.....Chromaffin Granules
A06.224.358.....Enterochromaffin Cells
A06.224.365.....Enterochromaffin-like Cells
A06.224.636.....Para-Aortic Bodies
A06.224.736.....Paraganglia, Chromaffin
A06.390.....Enteroendocrine Cells
A06.390.021.....Enterochromaffin Cells
A06.390.043.....Enterochromaffin-like Cells
A06.390.065.....Gastrin-Secreting Cells
A06.390.087.....Glucagon-Secreting Cells
A06.390.131.....Insulin-Secreting Cells
A06.390.650.....Pancreatic Polypeptide-Secreting Cells
A06.390.825.....Somatostatin-Secreting Cells
A06.407.....Endocrine Glands
A06.407.071.....Adrenal Glands
A06.407.071.140.....Adrenal Cortex
A06.407.071.140.950.....Zona Fasciculata
A06.407.071.140.960.....Zona Glomerulosa
A06.407.071.140.970.....Zona Reticularis
A06.407.071.265.....Adrenal Medulla
A06.407.312.....Gonads
A06.407.312.497.....Ovary

## 2018 MeSH Tree Hierarchy

Tree location
A06.407.312.497.278.....Corpus Luteum
A06.407.312.497.278.400.....Luteal Cells
A06.407.312.497.535.....Ovarian Follicle
A06.407.312.497.535.150.....Follicular Fluid
A06.407.312.497.535.300.....Granulosa Cells
A06.407.312.497.535.300.500.....Cumulus Cells
A06.407.312.497.535.600.....Theca Cells
A06.407.312.782.....Testis
A06.407.312.782.513.....Leydig Cells
A06.407.414.....Islets of Langerhans
A06.407.414.043.....Glucagon-Secreting Cells
A06.407.414.087.....Insulin-Secreting Cells
A06.407.414.587.....Pancreatic Polypeptide-Secreting Cells
A06.407.414.793.....Somatostatin-Secreting Cells
A06.407.560.....Parathyroid Glands
A06.407.635.....Pineal Gland
A06.407.691.....Pituitary-Adrenal System
A06.407.747.....Pituitary Gland
A06.407.747.500.....Pituitary Gland, Anterior
A06.407.747.500.500.....Corticotrophs
A06.407.747.500.750.....Gonadotrophs
A06.407.747.500.812.....Lactotrophs
A06.407.747.500.937.....Somatotrophs
A06.407.747.500.968.....Thyrotrophs
A06.407.747.750.....Pituitary Gland, Intermediate
A06.407.747.750.500.....Melanotrophs
A06.407.747.875.....Pituitary Gland, Posterior
A06.407.900.....Thyroid Gland
A06.688.....Neurosecretory Systems
A06.688.178.....Circumventricular Organs
A06.688.178.500.....Area Postrema
A06.688.178.750.....Median Eminence
A06.688.178.875.....Pituitary Gland, Posterior
A06.688.178.937.....Subcommissural Organ
A06.688.178.968.....Subfornical Organ
A06.688.267.....Glomus Tympanicum
A06.688.357.....Hypothalamo-Hypophyseal System
A06.688.357.500.....Median Eminence
A06.688.357.750.....Pituitary Gland
A06.688.357.750.500.....Pituitary Gland, Anterior
A06.688.357.750.500.500.....Corticotrophs



## 2018 MeSH Tree Hierarchy

Tree location	
A06.688.357.750.500.750.....	Gonadotrophs
A06.688.357.750.500.812.....	Lactotrophs
A06.688.357.750.500.937.....	Somatotrophs
A06.688.357.750.500.968.....	Thyrotrophs
A06.688.357.750.750.....	Pituitary Gland, Intermediate
A06.688.357.750.750.500.....	Melanotrophs
A06.688.357.750.875.....	Pituitary Gland, Posterior
A06.688.733.....	Pineal Gland
A07.....	Cardiovascular System
A07.025.....	Blood-Air Barrier
A07.030.....	Blood-Aqueous Barrier
A07.035.....	Blood-Brain Barrier
A07.037.....	Blood-Nerve Barrier
A07.040.....	Blood-Retinal Barrier
A07.045.....	Blood-Testis Barrier
A07.231.....	Blood Vessels
A07.231.057.....	Adventitia
A07.231.114.....	Arteries
A07.231.114.056.....	Aorta
A07.231.114.056.205.....	Aorta, Abdominal
A07.231.114.056.372.....	Aorta, Thoracic
A07.231.114.056.847.....	Sinus of Valsalva
A07.231.114.060.....	Arterioles
A07.231.114.085.....	Axillary Artery
A07.231.114.106.....	Basilar Artery
A07.231.114.139.....	Brachial Artery
A07.231.114.145.....	Brachiocephalic Trunk
A07.231.114.158.....	Bronchial Arteries
A07.231.114.186.....	Carotid Arteries
A07.231.114.186.200.....	Carotid Artery, Common
A07.231.114.186.200.210.....	Carotid Artery, External
A07.231.114.186.200.230.....	Carotid Artery, Internal
A07.231.114.186.456.....	Carotid Sinus
A07.231.114.207.....	Celiac Artery
A07.231.114.228.....	Cerebral Arteries
A07.231.114.228.100.....	Anterior Cerebral Artery
A07.231.114.228.351.....	Circle of Willis
A07.231.114.228.550.....	Middle Cerebral Artery
A07.231.114.228.700.....	Posterior Cerebral Artery
A07.231.114.228.868.....	Temporal Arteries
A07.231.114.248.....	Ciliary Arteries

## 2018 MeSH Tree Hierarchy

Tree location	
A07.231.114.269.....	Coronary Vessels
A07.231.114.330.....	Epigastric Arteries
A07.231.114.351.....	Femoral Artery
A07.231.114.379.....	Gastroepiploic Artery
A07.231.114.407.....	Hepatic Artery
A07.231.114.444.....	Iliac Artery
A07.231.114.523.....	Maxillary Artery
A07.231.114.545.....	Meningeal Arteries
A07.231.114.565.....	Mesenteric Arteries
A07.231.114.565.510.....	Mesenteric Artery, Inferior
A07.231.114.565.755.....	Mesenteric Artery, Superior
A07.231.114.622.....	Ophthalmic Artery
A07.231.114.681.....	Popliteal Artery
A07.231.114.715.....	Pulmonary Artery
A07.231.114.740.....	Radial Artery
A07.231.114.745.....	Renal Artery
A07.231.114.765.....	Retinal Artery
A07.231.114.814.....	Splenic Artery
A07.231.114.839.....	Subclavian Artery
A07.231.114.891.....	Thoracic Arteries
A07.231.114.891.525.....	Mammary Arteries
A07.231.114.895.....	Tibial Arteries
A07.231.114.920.....	Ulnar Artery
A07.231.114.929.....	Umbilical Arteries
A07.231.114.940.....	Uterine Artery
A07.231.114.955.....	Vertebral Artery
A07.231.461.....	Microvessels
A07.231.461.080.....	Arterioles
A07.231.461.085.....	Arteriovenous Anastomosis
A07.231.461.165.....	Capillaries
A07.231.461.920.....	Venules
A07.231.611.....	Retinal Vessels
A07.231.611.647.....	Retinal Artery
A07.231.611.773.....	Retinal Vein
A07.231.700.....	Tunica Intima
A07.231.700.500.....	Endothelium, Vascular
A07.231.700.750.....	Pericytes
A07.231.733.....	Tunica Media
A07.231.733.500.....	Muscle, Smooth, Vascular
A07.231.765.....	Vasa Nervorum
A07.231.836.....	Vasa Vasorum

## 2018 MeSH Tree Hierarchy

Tree location
A07.231.908.....Veins
A07.231.908.077.....Axillary Vein
A07.231.908.106.....Azygos Vein
A07.231.908.130.....Brachiocephalic Veins
A07.231.908.155.....Cerebral Veins
A07.231.908.194.....Coronary Vessels
A07.231.908.194.500.....Coronary Sinus
A07.231.908.224.....Cranial Sinuses
A07.231.908.224.334.....Cavernous Sinus
A07.231.908.224.667.....Superior Sagittal Sinus
A07.231.908.224.833.....Transverse Sinuses
A07.231.908.314.....Femoral Vein
A07.231.908.380.....Hepatic Veins
A07.231.908.427.....Iliac Vein
A07.231.908.498.....Jugular Veins
A07.231.908.641.....Popliteal Vein
A07.231.908.670.....Portal System
A07.231.908.670.385.....Mesenteric Veins
A07.231.908.670.567.....Portal Vein
A07.231.908.670.730.....Splenic Vein
A07.231.908.670.874.....Umbilical Veins
A07.231.908.713.....Pulmonary Veins
A07.231.908.752.....Renal Veins
A07.231.908.783.....Retinal Vein
A07.231.908.819.....Saphenous Vein
A07.231.908.877.....Subclavian Vein
A07.231.908.949.....Venae Cavae
A07.231.908.949.648.....Vena Cava, Inferior
A07.231.908.949.815.....Vena Cava, Superior
A07.231.908.950.....Venous Valves
A07.231.908.952.....Venules
A07.500.....Glomerular Filtration Barrier
A07.541.....Heart
A07.541.207.....Endocardium
A07.541.278.....Fetal Heart
A07.541.278.395.....Ductus Arteriosus
A07.541.278.930.....Truncus Arteriosus
A07.541.358.....Heart Atria
A07.541.358.100.....Atrial Appendage
A07.541.409.....Heart Conduction System
A07.541.409.147.....Atrioventricular Node

## 2018 MeSH Tree Hierarchy

Tree location	
A07.541.409.273.....	Bundle of His
A07.541.409.683.....	Purkinje Fibers
A07.541.409.819.....	Sinoatrial Node
A07.541.459.....	Heart Septum
A07.541.459.249.....	Atrial Septum
A07.541.459.374.....	Endocardial Cushions
A07.541.459.500.....	Foramen Ovale
A07.541.459.750.....	Ventricular Septum
A07.541.510.....	Heart Valves
A07.541.510.110.....	Aortic Valve
A07.541.510.240.....	Chordae Tendineae
A07.541.510.507.....	Mitral Valve
A07.541.510.619.....	Papillary Muscles
A07.541.510.738.....	Pulmonary Valve
A07.541.510.893.....	Tricuspid Valve
A07.541.560.....	Heart Ventricles
A07.541.704.....	Myocardium
A07.541.704.500.....	Myoblasts, Cardiac
A07.541.704.570.....	Myocytes, Cardiac
A07.541.704.750.....	Papillary Muscles
A07.541.795.....	Pericardium
A07.541.795.500.....	Pericardial Fluid
A08.....	Nervous System
A08.186.....	Central Nervous System
A08.186.211.....	Brain
A08.186.211.035.....	Blood-Brain Barrier
A08.186.211.132.....	Brain Stem
A08.186.211.132.659.....	Mesencephalon
A08.186.211.132.659.413.....	Cerebral Peduncle
A08.186.211.132.659.413.437.....	Cerebral Crus
A08.186.211.132.659.413.656.....	Substantia Nigra
A08.186.211.132.659.413.656.249.....	Pars Compacta
A08.186.211.132.659.413.656.500.....	Pars Reticulata
A08.186.211.132.659.413.875.....	Tegmentum Mesencephali
A08.186.211.132.659.413.875.187.....	Cerebral Aqueduct
A08.186.211.132.659.413.875.284.....	Midbrain Reticular Formation
A08.186.211.132.659.413.875.284.500.....	Pedunculopontine Tegmental Nucleus
A08.186.211.132.659.413.875.381.....	Oculomotor Nuclear Complex
A08.186.211.132.659.413.875.381.500.....	Edinger-Westphal Nucleus
A08.186.211.132.659.413.875.595.....	Periaqueductal Gray
A08.186.211.132.659.413.875.618.....	Raphe Nuclei

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.132.659.413.875.618.249.....Dorsal Raphe Nucleus
A08.186.211.132.659.413.875.618.436.....Interpeduncular Nucleus
A08.186.211.132.659.413.875.618.624.....Midbrain Raphe Nuclei
A08.186.211.132.659.413.875.642.....Red Nucleus
A08.186.211.132.659.413.875.820.....Ventral Tegmental Area
A08.186.211.132.659.473.....Locus Coeruleus
A08.186.211.132.659.800.....Tectum Mesencephali
A08.186.211.132.659.800.407.....Inferior Colliculi
A08.186.211.132.659.800.611.....Posterior Cerebellar Commissure
A08.186.211.132.659.800.662.....Pretectal Region
A08.186.211.132.659.800.713.....Subcommissural Organ
A08.186.211.132.659.800.816.....Superior Colliculi
A08.186.211.132.772.....Reticular Formation
A08.186.211.132.772.322.....Midbrain Reticular Formation
A08.186.211.132.772.322.500.....Pedunculopontine Tegmental Nucleus
A08.186.211.132.772.646.....Respiratory Center
A08.186.211.132.810.....Rhombencephalon
A08.186.211.132.810.428.....Metencephalon
A08.186.211.132.810.428.200.....Cerebellum
A08.186.211.132.810.428.200.212.....Cerebellar Cortex
A08.186.211.132.810.428.200.212.299.....Cerebellar Vermis
A08.186.211.132.810.428.200.212.600.....Purkinje Cells
A08.186.211.132.810.428.200.337.....Cerebellar Nuclei
A08.186.211.132.810.428.200.462.....Cerebellopontine Angle
A08.186.211.132.810.428.600.....Pons
A08.186.211.132.810.428.600.067.....Barrington's Nucleus
A08.186.211.132.810.428.600.135.....Cochlear Nucleus
A08.186.211.132.810.428.600.392.....Kolliker-Fuse Nucleus
A08.186.211.132.810.428.600.521.....Middle Cerebellar Peduncle
A08.186.211.132.810.428.600.650.....Pontine Tegmentum
A08.186.211.132.810.428.600.650.249.....Abducens Nucleus
A08.186.211.132.810.428.600.650.374.....Facial Nucleus
A08.186.211.132.810.428.600.650.437.....Locus Coeruleus
A08.186.211.132.810.428.600.650.500.....Parabrachial Nucleus
A08.186.211.132.810.428.600.650.562.....Raphe Nuclei
A08.186.211.132.810.428.600.650.562.500.....Nucleus Raphe Magnus
A08.186.211.132.810.428.600.650.625.....Superior Olivary Complex
A08.186.211.132.810.428.600.650.687.....Trapezoid Body
A08.186.211.132.810.428.600.650.718.....Trigeminal Motor Nucleus
A08.186.211.132.810.428.600.650.750.....Trigeminal Nucleus, Spinal
A08.186.211.132.810.428.600.800.....Vestibular Nuclei

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.132.810.428.600.800.800.....Vestibular Nucleus, Lateral
A08.186.211.132.810.591.....Myelencephalon
A08.186.211.132.810.591.500.....Medulla Oblongata
A08.186.211.132.810.591.500.286.....Area Postrema
A08.186.211.132.810.591.500.574.....Olivary Nucleus
A08.186.211.132.810.591.500.662.....Raphe Nuclei
A08.186.211.132.810.591.500.662.436.....Nucleus Raphe Obscurus
A08.186.211.132.810.591.500.662.624.....Nucleus Raphe Pallidus
A08.186.211.132.810.591.500.750.....Solitary Nucleus
A08.186.211.132.810.591.500.875.....Trigeminal Nucleus, Spinal
A08.186.211.132.810.591.500.875.500.....Trigeminal Caudal Nucleus
A08.186.211.132.810.753.....Tectospinal Fibers
A08.186.211.132.931.....Trigeminal Nuclei
A08.186.211.132.931.459.....Trigeminal Motor Nucleus
A08.186.211.132.931.920.....Trigeminal Nucleus, Spinal
A08.186.211.132.931.920.927.....Trigeminal Caudal Nucleus
A08.186.211.168.....Gray Matter
A08.186.211.204.....White Matter
A08.186.211.276.....Cerebral Ventricles
A08.186.211.276.187.....Cerebral Aqueduct
A08.186.211.276.298.....Choroid Plexus
A08.186.211.276.460.....Ependyma
A08.186.211.276.500.....Fourth Ventricle
A08.186.211.276.650.....Lateral Ventricles
A08.186.211.276.814.....Septum Pellucidum
A08.186.211.276.840.....Third Ventricle
A08.186.211.464.....Limbic System
A08.186.211.464.090.....Amygdala
A08.186.211.464.090.500.....Basolateral Nuclear Complex
A08.186.211.464.090.750.....Central Amygdaloid Nucleus
A08.186.211.464.090.875.....Corticomedial Nuclear Complex
A08.186.211.464.090.875.500.....Periamygdaloid Cortex
A08.186.211.464.200.....Epithalamus
A08.186.211.464.200.360.....Habenula
A08.186.211.464.200.680.....Pineal Gland
A08.186.211.464.405.....Hippocampus
A08.186.211.464.405.099.....CA1 Region, Hippocampal
A08.186.211.464.405.149.....CA2 Region, Hippocampal
A08.186.211.464.405.174.....CA3 Region, Hippocampal
A08.186.211.464.405.200.....Dentate Gyrus
A08.186.211.464.405.200.500.....Mossy Fibers, Hippocampal

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.464.405.600.....Fornix, Brain
A08.186.211.464.497.....Hypothalamus
A08.186.211.464.497.300.....Hypothalamic Area, Lateral
A08.186.211.464.497.342.....Hypothalamus, Anterior
A08.186.211.464.497.342.063.....Anterior Hypothalamic Nucleus
A08.186.211.464.497.342.231.....Organum Vasculosum
A08.186.211.464.497.342.400.....Paraventricular Hypothalamic Nucleus
A08.186.211.464.497.342.450.....Preoptic Area
A08.186.211.464.497.342.625.....Suprachiasmatic Nucleus
A08.186.211.464.497.342.625.500.....Suprachiasmatic Nucleus Neurons
A08.186.211.464.497.342.650.....Supraoptic Nucleus
A08.186.211.464.497.352.....Hypothalamus, Middle
A08.186.211.464.497.352.081.....Arcuate Nucleus of Hypothalamus
A08.186.211.464.497.352.270.....Dorsomedial Hypothalamic Nucleus
A08.186.211.464.497.352.435.....Hypothalamo-Hypophyseal System
A08.186.211.464.497.352.435.249.....Median Eminence
A08.186.211.464.497.352.435.500.....Pituitary Gland
A08.186.211.464.497.352.435.500.500.....Pituitary Gland, Anterior
A08.186.211.464.497.352.435.500.500.500.....Corticotrophs
A08.186.211.464.497.352.435.500.500.750.....Gonadotrophs
A08.186.211.464.497.352.435.500.500.812.....Lactotrophs
A08.186.211.464.497.352.435.500.500.937.....Somatotrophs
A08.186.211.464.497.352.435.500.500.968.....Thyrotrophs
A08.186.211.464.497.352.435.500.750.....Pituitary Gland, Intermediate
A08.186.211.464.497.352.435.500.750.500.....Melanotrophs
A08.186.211.464.497.352.435.500.875.....Pituitary Gland, Posterior
A08.186.211.464.497.352.870.....Tuber Cinereum
A08.186.211.464.497.352.953.....Ventromedial Hypothalamic Nucleus
A08.186.211.464.497.362.....Hypothalamus, Posterior
A08.186.211.464.497.362.500.....Mammillary Bodies
A08.186.211.464.590.....Limbic Lobe
A08.186.211.464.590.500.....Gyrus Cinguli
A08.186.211.464.590.750.....Parahippocampal Gyrus
A08.186.211.464.590.750.225.....Entorhinal Cortex
A08.186.211.464.590.750.612.....Periamygdaloid Cortex
A08.186.211.464.699.....Olfactory Pathways
A08.186.211.464.710.....Parahippocampal Gyrus
A08.186.211.464.710.225.....Entorhinal Cortex
A08.186.211.464.710.612.....Periamygdaloid Cortex
A08.186.211.464.730.....Perforant Pathway
A08.186.211.464.750.....Septum of Brain

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.464.750.800.....Septal Nuclei
A08.186.211.464.750.900.....Septum Pellucidum
A08.186.211.464.820.....Substantia Innominata
A08.186.211.730.....Prosencephalon
A08.186.211.730.317.....Diencephalon
A08.186.211.730.317.200.....Epithalamus
A08.186.211.730.317.200.360.....Habenula
A08.186.211.730.317.200.620.....Pineal Gland
A08.186.211.730.317.357.....Hypothalamus
A08.186.211.730.317.357.300.....Hypothalamic Area, Lateral
A08.186.211.730.317.357.342.....Hypothalamus, Anterior
A08.186.211.730.317.357.342.063.....Anterior Hypothalamic Nucleus
A08.186.211.730.317.357.342.315.....Organum Vasculosum
A08.186.211.730.317.357.342.400.....Paraventricular Hypothalamic Nucleus
A08.186.211.730.317.357.342.450.....Preoptic Area
A08.186.211.730.317.357.342.625.....Suprachiasmatic Nucleus
A08.186.211.730.317.357.342.625.500.....Suprachiasmatic Nucleus Neurons
A08.186.211.730.317.357.342.650.....Supraoptic Nucleus
A08.186.211.730.317.357.352.....Hypothalamus, Middle
A08.186.211.730.317.357.352.081.....Arcuate Nucleus of Hypothalamus
A08.186.211.730.317.357.352.270.....Dorsomedial Hypothalamic Nucleus
A08.186.211.730.317.357.352.435.....Hypothalamo-Hypophyseal System
A08.186.211.730.317.357.352.435.249.....Median Eminence
A08.186.211.730.317.357.352.435.500.....Pituitary Gland
A08.186.211.730.317.357.352.435.500.500.....Pituitary Gland, Anterior
A08.186.211.730.317.357.352.435.500.500.500.....Corticotrophs
A08.186.211.730.317.357.352.435.500.500.750.....Gonadotrophs
A08.186.211.730.317.357.352.435.500.500.812.....Lactotrophs
A08.186.211.730.317.357.352.435.500.500.937.....Somatotrophs
A08.186.211.730.317.357.352.435.500.500.968.....Thyrotrophs
A08.186.211.730.317.357.352.435.500.750.....Pituitary Gland, Intermediate
A08.186.211.730.317.357.352.435.500.750.500.....Melanotrophs
A08.186.211.730.317.357.352.435.500.875.....Pituitary Gland, Posterior
A08.186.211.730.317.357.352.870.....Tuber Cinereum
A08.186.211.730.317.357.352.953.....Ventromedial Hypothalamic Nucleus
A08.186.211.730.317.357.362.....Hypothalamus, Posterior
A08.186.211.730.317.357.362.500.....Mammillary Bodies
A08.186.211.730.317.578.....Optic Chiasm
A08.186.211.730.317.689.....Optic Tract
A08.186.211.730.317.800.....Subthalamus
A08.186.211.730.317.800.240.....Entopeduncular Nucleus



## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.730.317.800.800.....Subthalamic Nucleus
A08.186.211.730.317.800.900.....Zona Incerta
A08.186.211.730.317.826.....Thalamus
A08.186.211.730.317.826.701.....Thalamic Nuclei
A08.186.211.730.317.826.701.080.....Anterior Thalamic Nuclei
A08.186.211.730.317.826.701.444.....Geniculate Bodies
A08.186.211.730.317.826.701.460.....Intralaminar Thalamic Nuclei
A08.186.211.730.317.826.701.485.....Lateral Thalamic Nuclei
A08.186.211.730.317.826.701.485.600.....Pulvinar
A08.186.211.730.317.826.701.490.....Mediodorsal Thalamic Nucleus
A08.186.211.730.317.826.701.500.....Midline Thalamic Nuclei
A08.186.211.730.317.826.701.700.....Posterior Thalamic Nuclei
A08.186.211.730.317.826.701.900.....Ventral Thalamic Nuclei
A08.186.211.730.885.....Telencephalon
A08.186.211.730.885.287.....Cerebrum
A08.186.211.730.885.287.249.....Basal Ganglia
A08.186.211.730.885.287.249.152.....Amygdala
A08.186.211.730.885.287.249.152.500.....Basolateral Nuclear Complex
A08.186.211.730.885.287.249.152.750.....Central Amygdaloid Nucleus
A08.186.211.730.885.287.249.152.875.....Corticomedial Nuclear Complex
A08.186.211.730.885.287.249.152.875.500.....Periamygdaloid Cortex
A08.186.211.730.885.287.249.487.....Corpus Striatum
A08.186.211.730.885.287.249.487.397.....Globus Pallidus
A08.186.211.730.885.287.249.487.550.....Neostriatum
A08.186.211.730.885.287.249.487.550.184.....Caudate Nucleus
A08.186.211.730.885.287.249.487.550.484.....High Vocal Center
A08.186.211.730.885.287.249.487.550.784.....Putamen
A08.186.211.730.885.287.249.487.775.....Ventral Striatum
A08.186.211.730.885.287.249.487.775.500.....Nucleus Accumbens
A08.186.211.730.885.287.249.487.775.750.....Olfactory Tubercle
A08.186.211.730.885.287.249.487.775.750.500.....Islands of Calleja
A08.186.211.730.885.287.249.880.....Substantia Innominata
A08.186.211.730.885.287.249.880.100.....Basal Nucleus of Meynert
A08.186.211.730.885.287.500.....Cerebral Cortex
A08.186.211.730.885.287.500.270.....Frontal Lobe
A08.186.211.730.885.287.500.270.548.....Motor Cortex
A08.186.211.730.885.287.500.270.700.....Prefrontal Cortex
A08.186.211.730.885.287.500.270.700.500.....Broca Area
A08.186.211.730.885.287.500.345.....Hippocampus
A08.186.211.730.885.287.500.345.099.....CA1 Region, Hippocampal
A08.186.211.730.885.287.500.345.149.....CA2 Region, Hippocampal

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.730.885.287.500.345.174.....CA3 Region, Hippocampal
A08.186.211.730.885.287.500.345.200.....Dentate Gyrus
A08.186.211.730.885.287.500.345.200.500.....Mossy Fibers, Hippocampal
A08.186.211.730.885.287.500.345.600.....Fornix, Brain
A08.186.211.730.885.287.500.382.....Limbic Lobe
A08.186.211.730.885.287.500.382.500.....Gyrus Cinguli
A08.186.211.730.885.287.500.382.750.....Parahippocampal Gyrus
A08.186.211.730.885.287.500.382.750.225.....Entorhinal Cortex
A08.186.211.730.885.287.500.382.750.612.....Periamygdaloid Cortex
A08.186.211.730.885.287.500.420.....Neocortex
A08.186.211.730.885.287.500.571.....Occipital Lobe
A08.186.211.730.885.287.500.571.735.....Visual Cortex
A08.186.211.730.885.287.500.620.....Olfactory Cortex
A08.186.211.730.885.287.500.620.374.....Basal Forebrain
A08.186.211.730.885.287.500.620.374.500.....Organum Vasculosum
A08.186.211.730.885.287.500.620.562.....Entorhinal Cortex
A08.186.211.730.885.287.500.620.656.....Olfactory Tubercle
A08.186.211.730.885.287.500.620.656.500.....Islands of Calleja
A08.186.211.730.885.287.500.620.750.....Piriform Cortex
A08.186.211.730.885.287.500.670.....Parietal Lobe
A08.186.211.730.885.287.500.670.675.....Somatosensory Cortex
A08.186.211.730.885.287.500.670.837.....Wernicke Area
A08.186.211.730.885.287.500.814.....Sensorimotor Cortex
A08.186.211.730.885.287.500.814.249.....Auditory Cortex
A08.186.211.730.885.287.500.814.624.....Motor Cortex
A08.186.211.730.885.287.500.814.695.....Olfactory Cortex
A08.186.211.730.885.287.500.814.695.249.....Basal Forebrain
A08.186.211.730.885.287.500.814.695.374.....Entorhinal Cortex
A08.186.211.730.885.287.500.814.695.500.....Olfactory Tubercle
A08.186.211.730.885.287.500.814.695.500.500.....Islands of Calleja
A08.186.211.730.885.287.500.814.906.....Somatosensory Cortex
A08.186.211.730.885.287.500.814.953.....Visual Cortex
A08.186.211.730.885.287.500.863.....Temporal Lobe
A08.186.211.730.885.287.500.863.297.....Auditory Cortex
A08.186.211.730.885.287.500.863.574.....Perirhinal Cortex
A08.186.211.730.885.287.500.863.850.....Wernicke Area
A08.186.211.730.885.287.750.....Olfactory Cortex
A08.186.211.730.885.287.750.374.....Basal Forebrain
A08.186.211.730.885.287.750.562.....Entorhinal Cortex
A08.186.211.730.885.287.750.656.....Olfactory Tubercle
A08.186.211.730.885.287.750.656.500.....Islands of Calleja

## 2018 MeSH Tree Hierarchy

Tree location
A08.186.211.730.885.287.750.750.....Piriform Cortex
A08.186.211.730.885.380.....Diagonal Band of Broca
A08.186.211.730.885.385.....External Capsule
A08.186.211.730.885.388.....Olfactory Bulb
A08.186.211.730.885.390.....Telencephalic Commissures
A08.186.211.730.885.390.500.....Anterior Cerebellar Commissure
A08.186.211.730.885.390.750.....Corpus Callosum
A08.186.211.730.885.435.....Internal Capsule
A08.186.211.730.885.750.....Septum of Brain
A08.186.211.730.885.750.800.....Septal Nuclei
A08.186.211.730.885.750.814.....Septum Pellucidum
A08.186.566.....Meninges
A08.186.566.166.....Arachnoid
A08.186.566.166.686.....Subarachnoid Space
A08.186.566.166.686.351.....Cisterna Magna
A08.186.566.395.....Dura Mater
A08.186.566.395.687.....Subdural Space
A08.186.566.731.....Pia Mater
A08.186.854.....Spinal Cord
A08.186.854.126.....Cervical Cord
A08.186.854.253.....Extrapyramidal Tracts
A08.186.854.348.....Gray Matter
A08.186.854.443.....Spinal Cord Lateral Horn
A08.186.854.633.....Pyramidal Tracts
A08.186.854.697.....Spinal Cord Dorsal Horn
A08.186.854.697.500.....Posterior Horn Cells
A08.186.854.697.500.500.....Substantia Gelatinosa
A08.186.854.729.....Spinal Cord Ventral Horn
A08.186.854.729.500.....Anterior Horn Cells
A08.186.854.761.....Spinothalamic Tracts
A08.186.854.880.....White Matter
A08.340.....Ganglia
A08.340.315.....Ganglia, Autonomic
A08.340.315.300.....Ganglia, Parasympathetic
A08.340.315.350.....Ganglia, Sympathetic
A08.340.315.350.800.....Stellate Ganglion
A08.340.315.350.850.....Superior Cervical Ganglion
A08.340.352.....Ganglia, Invertebrate
A08.340.390.....Ganglia, Sensory
A08.340.390.340.....Ganglia, Spinal
A08.340.390.380.....Geniculate Ganglion

## 2018 MeSH Tree Hierarchy

Tree location
A08.340.390.550.....Nodose Ganglion
A08.340.390.800.....Spiral Ganglion
A08.340.390.850.....Trigeminal Ganglion
A08.340.685.....Satellite Cells, Perineuronal
A08.511.....Nerve Net
A08.511.500.....Central Pattern Generators
A08.612.....Neural Pathways
A08.612.220.....Afferent Pathways
A08.612.220.110.....Auditory Pathways
A08.612.220.640.....Olfactory Pathways
A08.612.220.725.....Spinocerebellar Tracts
A08.612.220.735.....Spinothalamic Tracts
A08.612.220.830.....Visceral Afferents
A08.612.220.860.....Visual Pathways
A08.612.380.....Efferent Pathways
A08.612.380.239.....Extrapyramidal Tracts
A08.612.380.730.....Pyramidal Tracts
A08.612.435.....Internal Capsule
A08.612.492.....Medial Forebrain Bundle
A08.612.600.....Perforant Pathway
A08.637.....Neuroglia
A08.637.200.....Astrocytes
A08.637.300.....Ependymogial Cells
A08.637.400.....Microglia
A08.637.500.....Neuropil
A08.637.500.550.....Neuropil Threads
A08.637.550.....Oligodendrocyte Precursor Cells
A08.637.600.....Oligodendroglia
A08.637.600.500.....Myelin Sheath
A08.637.685.....Satellite Cells, Perineuronal
A08.637.800.....Schwann Cells
A08.637.800.500.....Myelin Sheath
A08.637.800.500.550.....Neurilemma
A08.637.800.500.700.....Ranvier's Nodes
A08.675.....Neurons
A08.675.100.....Adrenergic Neurons
A08.675.100.500.....Adrenergic Fibers
A08.675.127.....Cholinergic Neurons
A08.675.127.500.....Cholinergic Fibers
A08.675.127.500.060.....Autonomic Fibers, Preganglionic
A08.675.127.500.700.....Parasympathetic Fibers, Postganglionic

## 2018 MeSH Tree Hierarchy

Tree location
A08.675.256.....Dendrites
A08.675.256.200.....Dendritic Spines
A08.675.256.500.....Neurites
A08.675.278.....Dopaminergic Neurons
A08.675.289.....GABAergic Neurons
A08.675.324.....Grid Cells
A08.675.358.....Interneurons
A08.675.358.050.....Amacrine Cells
A08.675.358.350.....Commissural Interneurons
A08.675.358.650.....Renshaw Cells
A08.675.358.700.....Retinal Bipolar Cells
A08.675.460.....Lewy Bodies
A08.675.500.....Mirror Neurons
A08.675.542.....Nerve Fibers
A08.675.542.075.....Adrenergic Fibers
A08.675.542.075.800.....Sympathetic Fibers, Postganglionic
A08.675.542.100.....Autonomic Fibers, Postganglionic
A08.675.542.100.700.....Parasympathetic Fibers, Postganglionic
A08.675.542.100.800.....Sympathetic Fibers, Postganglionic
A08.675.542.145.....Axons
A08.675.542.145.250.....Axon Initial Segment
A08.675.542.145.500.....Neurites
A08.675.542.145.750.....Presynaptic Terminals
A08.675.542.145.750.500.....Mossy Fibers, Hippocampal
A08.675.542.234.....Cholinergic Fibers
A08.675.542.234.060.....Autonomic Fibers, Preganglionic
A08.675.542.234.700.....Parasympathetic Fibers, Postganglionic
A08.675.542.512.....Nerve Fibers, Myelinated
A08.675.542.512.560.....Myelin Sheath
A08.675.542.512.560.550.....Neurilemma
A08.675.542.512.560.700.....Ranvier's Nodes
A08.675.542.756.....Nerve Fibers, Unmyelinated
A08.675.575.....Neural Analyzers
A08.675.609.....Neurofibrils
A08.675.609.520.....Neurofibrillary Tangles
A08.675.650.....Neurons, Afferent
A08.675.650.250.....Hair Cells, Auditory
A08.675.650.250.250.....Hair Cells, Auditory, Inner
A08.675.650.250.315.....Hair Cells, Auditory, Outer
A08.675.650.395.....Hair Cells, Vestibular
A08.675.650.675.....Posterior Horn Cells

## 2018 MeSH Tree Hierarchy

Tree location
A08.675.650.675.800.....Substantia Gelatinosa
A08.675.650.850.....Retinal Neurons
A08.675.650.850.500.....Amacrine Cells
A08.675.650.850.625.....Photoreceptor Cells
A08.675.650.850.625.660.....Photoreceptor Cells, Invertebrate
A08.675.650.850.625.670.....Photoreceptor Cells, Vertebrate
A08.675.650.850.625.670.049.....Photoreceptor Connecting Cilium
A08.675.650.850.625.670.100.....Retinal Cone Photoreceptor Cells
A08.675.650.850.625.670.237.....Retinal Photoreceptor Cell Inner Segment
A08.675.650.850.625.670.375.....Retinal Photoreceptor Cell Outer Segment
A08.675.650.850.625.670.375.500.....Rod Cell Outer Segment
A08.675.650.850.625.670.650.....Retinal Rod Photoreceptor Cells
A08.675.650.850.625.670.650.650.....Rod Cell Outer Segment
A08.675.650.850.750.....Retinal Bipolar Cells
A08.675.650.850.875.....Retinal Ganglion Cells
A08.675.650.850.937.....Retinal Horizontal Cells
A08.675.650.915.....Sensory Receptor Cells
A08.675.650.915.500.....Chemoreceptor Cells
A08.675.650.915.500.530.....Neuroepithelial Cells
A08.675.650.915.500.530.550.....Neuroepithelial Bodies
A08.675.650.915.500.540.....Olfactory Receptor Neurons
A08.675.650.915.500.600.....Paraganglia, Nonchromaffin
A08.675.650.915.500.600.050.....Aortic Bodies
A08.675.650.915.500.600.150.....Carotid Body
A08.675.650.915.500.600.350.....Glomus Jugulare
A08.675.650.915.500.600.360.....Glomus Tympanicum
A08.675.650.915.500.800.....Taste Buds
A08.675.650.915.750.....Mechanoreceptors
A08.675.650.915.750.300.....Golgi-Mazzoni Corpuscles
A08.675.650.915.750.425.....Merkel Cells
A08.675.650.915.750.500.....Muscle Spindles
A08.675.650.915.750.600.....Neuroepithelial Cells
A08.675.650.915.750.600.350.....Hair Cells, Auditory
A08.675.650.915.750.600.350.350.....Hair Cells, Auditory, Inner
A08.675.650.915.750.600.350.365.....Hair Cells, Auditory, Outer
A08.675.650.915.750.600.675.....Hair Cells, Vestibular
A08.675.650.915.750.700.....Pacinian Corpuscles
A08.675.650.915.750.750.....Pressoreceptors
A08.675.650.915.750.780.....Pulmonary Stretch Receptors
A08.675.650.915.875.....Nociceptors
A08.675.650.915.937.....Photoreceptor Cells

## 2018 MeSH Tree Hierarchy

Tree location
A08.675.650.915.937.650.....Photoreceptor Cells, Invertebrate
A08.675.650.915.937.670.....Photoreceptor Cells, Vertebrate
A08.675.650.915.937.670.049.....Photoreceptor Connecting Cilium
A08.675.650.915.937.670.100.....Retinal Cone Photoreceptor Cells
A08.675.650.915.937.670.237.....Retinal Photoreceptor Cell Inner Segment
A08.675.650.915.937.670.375.....Retinal Photoreceptor Cell Outer Segment
A08.675.650.915.937.670.375.500.....Rod Cell Outer Segment
A08.675.650.915.937.670.650.....Retinal Rod Photoreceptor Cells
A08.675.650.915.937.670.650.650.....Rod Cell Outer Segment
A08.675.650.915.968.....Thermoreceptors
A08.675.655.....Neurons, Efferent
A08.675.655.500.....Motor Neurons
A08.675.655.500.050.....Anterior Horn Cells
A08.675.655.500.525.....Motor Neurons, Gamma
A08.675.703.....Neuropil
A08.675.703.550.....Neuropil Threads
A08.675.712.....Nissl Bodies
A08.675.748.....Nitroergic Neurons
A08.675.784.....Purkinje Cells
A08.675.790.....Pyramidal Cells
A08.675.790.500.....Place Cells
A08.675.895.....Serotonergic Neurons
A08.675.947.....Suprachiasmatic Nucleus Neurons
A08.713.....Neurosecretory Systems
A08.713.049.....Circumventricular Organs
A08.713.049.500.....Area Postrema
A08.713.049.750.....Median Eminence
A08.713.049.875.....Pituitary Gland, Posterior
A08.713.049.937.....Subcommissural Organ
A08.713.049.968.....Subfornical Organ
A08.713.100.....Corpora Allata
A08.713.228.....Glomus Tympanicum
A08.713.357.....Hypothalamo-Hypophyseal System
A08.713.357.500.....Median Eminence
A08.713.357.750.....Pituitary Gland
A08.713.357.750.500.....Pituitary Gland, Anterior
A08.713.357.750.500.500.....Corticotrophs
A08.713.357.750.500.750.....Gonadotrophs
A08.713.357.750.500.812.....Lactotrophs
A08.713.357.750.500.937.....Somatotrophs
A08.713.357.750.500.968.....Thyrotrophs

## 2018 MeSH Tree Hierarchy

Tree location
A08.713.357.750.750.....Pituitary Gland, Intermediate
A08.713.357.750.750.500.....Melanotrophs
A08.713.357.750.875.....Pituitary Gland, Posterior
A08.713.733.....Pineal Gland
A08.800.....Peripheral Nervous System
A08.800.050.....Autonomic Nervous System
A08.800.050.050.....Autonomic Pathways
A08.800.050.050.050.....Autonomic Fibers, Postganglionic
A08.800.050.050.050.700.....Parasympathetic Fibers, Postganglionic
A08.800.050.050.050.800.....Sympathetic Fibers, Postganglionic
A08.800.050.050.060.....Autonomic Fibers, Preganglionic
A08.800.050.050.150.....Celiac Plexus
A08.800.050.050.275.....Facial Nerve
A08.800.050.050.337.....Glossopharyngeal Nerve
A08.800.050.050.400.....Hypogastric Plexus
A08.800.050.050.500.....Myenteric Plexus
A08.800.050.050.650.....Oculomotor Nerve
A08.800.050.050.800.....Splanchnic Nerves
A08.800.050.050.850.....Submucous Plexus
A08.800.050.050.925.....Vagus Nerve
A08.800.050.050.925.450.....Laryngeal Nerves
A08.800.050.050.925.450.700.....Recurrent Laryngeal Nerve
A08.800.050.050.925.550.....Nodose Ganglion
A08.800.050.150.....Enteric Nervous System
A08.800.050.150.500.....Myenteric Plexus
A08.800.050.150.750.....Submucous Plexus
A08.800.050.300.....Ganglia, Autonomic
A08.800.050.300.250.....Ganglia, Parasympathetic
A08.800.050.300.300.....Ganglia, Sympathetic
A08.800.050.300.300.800.....Stellate Ganglion
A08.800.050.300.300.850.....Superior Cervical Ganglion
A08.800.050.600.....Parasympathetic Nervous System
A08.800.050.600.149.....Facial Nerve
A08.800.050.600.300.....Ganglia, Parasympathetic
A08.800.050.600.387.....Glossopharyngeal Nerve
A08.800.050.600.475.....Oculomotor Nerve
A08.800.050.600.650.....Parasympathetic Fibers, Postganglionic
A08.800.050.600.825.....Vagus Nerve
A08.800.050.600.825.450.....Laryngeal Nerves
A08.800.050.600.825.450.700.....Recurrent Laryngeal Nerve
A08.800.050.600.825.550.....Nodose Ganglion



## 2018 MeSH Tree Hierarchy

Tree location
A08.800.050.800.....Sympathetic Nervous System
A08.800.050.800.300.....Ganglia, Sympathetic
A08.800.050.800.300.800.....Stellate Ganglion
A08.800.050.800.300.850.....Superior Cervical Ganglion
A08.800.050.800.800.....Splanchnic Nerves
A08.800.050.800.900.....Vasomotor System
A08.800.050.800.900.700.....Pressoreceptors
A08.800.350.....Ganglia, Sensory
A08.800.350.340.....Ganglia, Spinal
A08.800.350.380.....Geniculate Ganglion
A08.800.350.550.....Nodose Ganglion
A08.800.350.800.....Spiral Ganglion
A08.800.350.850.....Trigeminal Ganglion
A08.800.550.....Nerve Endings
A08.800.550.550.....Neuroeffector Junction
A08.800.550.550.550.....Neuromuscular Junction
A08.800.550.550.550.500.....Motor Endplate
A08.800.800.....Peripheral Nerves
A08.800.800.060.....Autonomic Pathways
A08.800.800.060.050.....Autonomic Fibers, Postganglionic
A08.800.800.060.050.700.....Parasympathetic Fibers, Postganglionic
A08.800.800.060.050.800.....Sympathetic Fibers, Postganglionic
A08.800.800.060.060.....Autonomic Fibers, Preganglionic
A08.800.800.060.150.....Celiac Plexus
A08.800.800.060.275.....Facial Nerve
A08.800.800.060.337.....Glossopharyngeal Nerve
A08.800.800.060.400.....Hypogastric Plexus
A08.800.800.060.500.....Myenteric Plexus
A08.800.800.060.650.....Oculomotor Nerve
A08.800.800.060.800.....Splanchnic Nerves
A08.800.800.060.840.....Submucous Plexus
A08.800.800.060.920.....Vagus Nerve
A08.800.800.060.920.450.....Laryngeal Nerves
A08.800.800.060.920.450.700.....Recurrent Laryngeal Nerve
A08.800.800.060.920.550.....Nodose Ganglion
A08.800.800.090.....Blood-Nerve Barrier
A08.800.800.120.....Cranial Nerves
A08.800.800.120.030.....Abducens Nerve
A08.800.800.120.060.....Accessory Nerve
A08.800.800.120.250.....Facial Nerve
A08.800.800.120.250.120.....Chorda Tympani Nerve

## 2018 MeSH Tree Hierarchy

Tree location
A08.800.800.120.250.280.....Geniculate Ganglion
A08.800.800.120.290.....Glossopharyngeal Nerve
A08.800.800.120.330.....Hypoglossal Nerve
A08.800.800.120.600.....Oculomotor Nerve
A08.800.800.120.640.....Olfactory Nerve
A08.800.800.120.680.....Optic Nerve
A08.800.800.120.680.600.....Optic Chiasm
A08.800.800.120.680.660.....Optic Disk
A08.800.800.120.760.....Trigeminal Nerve
A08.800.800.120.760.500.....Mandibular Nerve
A08.800.800.120.760.500.450.....Lingual Nerve
A08.800.800.120.760.550.....Maxillary Nerve
A08.800.800.120.760.650.....Ophthalmic Nerve
A08.800.800.120.760.825.....Trigeminal Ganglion
A08.800.800.120.800.....Trochlear Nerve
A08.800.800.120.900.....Vagus Nerve
A08.800.800.120.900.450.....Laryngeal Nerves
A08.800.800.120.900.450.700.....Recurrent Laryngeal Nerve
A08.800.800.120.900.550.....Nodose Ganglion
A08.800.800.120.910.....Vestibulocochlear Nerve
A08.800.800.120.910.120.....Cochlear Nerve
A08.800.800.120.910.120.800.....Spiral Ganglion
A08.800.800.120.910.900.....Vestibular Nerve
A08.800.800.690.....Schwann Cells
A08.800.800.690.500.....Myelin Sheath
A08.800.800.690.500.550.....Neurilemma
A08.800.800.690.500.700.....Ranvier's Nodes
A08.800.800.720.....Spinal Nerves
A08.800.800.720.050.....Brachial Plexus
A08.800.800.720.050.500.....Median Nerve
A08.800.800.720.050.540.....Musculocutaneous Nerve
A08.800.800.720.050.700.....Radial Nerve
A08.800.800.720.050.850.....Ulnar Nerve
A08.800.800.720.150.....Cervical Plexus
A08.800.800.720.150.700.....Phrenic Nerve
A08.800.800.720.450.....Lumbosacral Plexus
A08.800.800.720.450.250.....Femoral Nerve
A08.800.800.720.450.600.....Obturator Nerve
A08.800.800.720.450.680.....Pudendal Nerve
A08.800.800.720.450.760.....Sciatic Nerve
A08.800.800.720.450.760.640.....Peroneal Nerve

## 2018 MeSH Tree Hierarchy

Tree location
A08.800.800.720.450.760.820.....Tibial Nerve
A08.800.800.720.450.760.820.820.....Sural Nerve
A08.800.800.720.725.....Spinal Nerve Roots
A08.800.800.720.725.150.....Cauda Equina
A08.800.800.720.725.350.....Ganglia, Spinal
A08.800.800.720.800.....Thoracic Nerves
A08.800.800.720.800.350.....Intercostal Nerves
A08.800.950.....Sensory Receptor Cells
A08.800.950.500.....Chemoreceptor Cells
A08.800.950.500.530.....Neuroepithelial Cells
A08.800.950.500.530.550.....Neuroepithelial Bodies
A08.800.950.500.540.....Olfactory Receptor Neurons
A08.800.950.500.600.....Paraganglia, Nonchromaffin
A08.800.950.500.600.050.....Aortic Bodies
A08.800.950.500.600.150.....Carotid Body
A08.800.950.500.600.350.....Glomus Jugulare
A08.800.950.500.600.360.....Glomus Tympanicum
A08.800.950.500.800.....Taste Buds
A08.800.950.750.....Mechanoreceptors
A08.800.950.750.300.....Golgi-Mazzoni Corpuscles
A08.800.950.750.425.....Merkel Cells
A08.800.950.750.500.....Muscle Spindles
A08.800.950.750.600.....Neuroepithelial Cells
A08.800.950.750.600.350.....Hair Cells, Auditory
A08.800.950.750.600.350.350.....Hair Cells, Auditory, Inner
A08.800.950.750.600.350.365.....Hair Cells, Auditory, Outer
A08.800.950.750.600.675.....Hair Cells, Vestibular
A08.800.950.750.700.....Pacinian Corpuscles
A08.800.950.750.750.....Pressoreceptors
A08.800.950.750.780.....Pulmonary Stretch Receptors
A08.800.950.875.....Nociceptors
A08.800.950.937.....Photoreceptor Cells
A08.800.950.937.650.....Photoreceptor Cells, Invertebrate
A08.800.950.937.670.....Photoreceptor Cells, Vertebrate
A08.800.950.937.670.049.....Photoreceptor Connecting Cilium
A08.800.950.937.670.100.....Retinal Cone Photoreceptor Cells
A08.800.950.937.670.237.....Retinal Photoreceptor Cell Inner Segment
A08.800.950.937.670.375.....Retinal Photoreceptor Cell Outer Segment
A08.800.950.937.670.375.500.....Rod Cell Outer Segment
A08.800.950.937.670.650.....Retinal Rod Photoreceptor Cells
A08.800.950.937.670.650.650.....Rod Cell Outer Segment

## 2018 MeSH Tree Hierarchy

Tree location
A08.800.950.968.....Thermoreceptors
A08.850.....Synapses
A08.850.180.....Electrical Synapses
A08.850.550.....Neuroeffector Junction
A08.850.550.550.....Neuromuscular Junction
A08.850.550.550.500.....Motor Endplate
A08.850.700.....Presynaptic Terminals
A08.850.700.500.....Mossy Fibers, Hippocampal
A08.850.800.....Synaptic Membranes
A08.850.800.500.....Post-Synaptic Density
A08.850.840.....Synaptic Vesicles
A09.....Sense Organs
A09.246.....Ear
A09.246.272.....Ear, External
A09.246.272.197.....Ear Auricle
A09.246.272.396.....Ear Canal
A09.246.272.549.....Ear Cartilage
A09.246.272.702.....Tympanic Membrane
A09.246.397.....Ear, Middle
A09.246.397.247.....Ear Ossicles
A09.246.397.247.362.....Incus
A09.246.397.247.524.....Malleus
A09.246.397.247.806.....Stapes
A09.246.397.369.....Eustachian Tube
A09.246.397.400.....Glomus Tympanicum
A09.246.397.727.....Stapedius
A09.246.397.749.....Tensor Tympani
A09.246.631.....Ear, Inner
A09.246.631.246.....Cochlea
A09.246.631.246.125.....Basilar Membrane
A09.246.631.246.280.....Cochlear Aqueduct
A09.246.631.246.292.....Cochlear Duct
A09.246.631.246.292.876.....Stria Vascularis
A09.246.631.246.292.938.....Tectorial Membrane
A09.246.631.246.577.....Organ of Corti
A09.246.631.246.577.325.....Hair Cells, Auditory
A09.246.631.246.577.325.315.....Hair Cells, Auditory, Inner
A09.246.631.246.577.325.380.....Hair Cells, Auditory, Outer
A09.246.631.246.577.543.....Labyrinth Supporting Cells
A09.246.631.246.814.....Round Window, Ear
A09.246.631.246.848.....Scala Tympani

## 2018 MeSH Tree Hierarchy

Tree location
A09.246.631.246.874.....Scala Vestibuli
A09.246.631.246.900.....Spiral Ganglion
A09.246.631.246.930.....Spiral Lamina
A09.246.631.246.965.....Spiral Ligament of Cochlea
A09.246.631.455.....Labyrinthine Fluids
A09.246.631.663.....Semicircular Canals
A09.246.631.663.500.....Semicircular Ducts
A09.246.631.663.500.500.....Hair Cells, Ampulla
A09.246.631.909.....Vestibule, Labyrinth
A09.246.631.909.551.....Oval Window, Ear
A09.246.631.909.625.....Sacculle and Utricule
A09.246.631.909.625.125.....Acoustic Maculae
A09.246.631.909.625.125.340.....Hair Cells, Vestibular
A09.246.631.909.625.125.680.....Otolithic Membrane
A09.246.631.909.957.....Vestibular Aqueduct
A09.246.631.909.957.360.....Endolymphatic Duct
A09.246.631.909.957.360.701.....Endolymphatic Sac
A09.371.....Eye
A09.371.060.....Anterior Eye Segment
A09.371.060.067.....Anterior Chamber
A09.371.060.067.070.....Aqueous Humor
A09.371.060.067.318.....Endothelium, Corneal
A09.371.060.160.....Ciliary Body
A09.371.060.200.....Conjunctiva
A09.371.060.217.....Cornea
A09.371.060.217.113.....Bowman Membrane
A09.371.060.217.228.....Corneal Stroma
A09.371.060.217.271.....Descemet Membrane
A09.371.060.217.318.....Endothelium, Corneal
A09.371.060.217.325.....Epithelium, Corneal
A09.371.060.217.659.....Limbus Corneae
A09.371.060.450.....Iris
A09.371.060.450.780.....Pupil
A09.371.060.500.....Lens, Crystalline
A09.371.060.500.155.....Lens Capsule, Crystalline
A09.371.060.500.155.500.....Posterior Capsule of the Lens
A09.371.060.500.225.....Lens Cortex, Crystalline
A09.371.060.500.670.....Lens Nucleus, Crystalline
A09.371.060.932.....Trabecular Meshwork
A09.371.061.....Anterior Capsule of the Lens
A09.371.199.....Axial Length, Eye

## 2018 MeSH Tree Hierarchy

Tree location
A09.371.337.....Eyelids
A09.371.337.168.....Conjunctiva
A09.371.337.338.....Eyelashes
A09.371.337.614.....Meibomian Glands
A09.371.463.....Lacrimal Apparatus
A09.371.463.640.....Nasolacrimal Duct
A09.371.670.....Pigment Epithelium of Eye
A09.371.670.500.....Retinal Pigment Epithelium
A09.371.714.....Posterior Eye Segment
A09.371.714.500.....Vitreous Body
A09.371.729.....Retina
A09.371.729.055.....Blood-Retinal Barrier
A09.371.729.313.....Fundus Oculi
A09.371.729.522.....Macula Lutea
A09.371.729.522.436.....Fovea Centralis
A09.371.729.690.....Optic Disk
A09.371.729.831.....Retinal Neurons
A09.371.729.831.500.....Amacrine Cells
A09.371.729.831.625.....Photoreceptor Cells
A09.371.729.831.625.660.....Photoreceptor Cells, Invertebrate
A09.371.729.831.625.670.....Photoreceptor Cells, Vertebrate
A09.371.729.831.625.670.049.....Photoreceptor Connecting Cilium
A09.371.729.831.625.670.100.....Retinal Cone Photoreceptor Cells
A09.371.729.831.625.670.237.....Retinal Photoreceptor Cell Inner Segment
A09.371.729.831.625.670.375.....Retinal Photoreceptor Cell Outer Segment
A09.371.729.831.625.670.375.500.....Rod Cell Outer Segment
A09.371.729.831.625.670.650.....Retinal Rod Photoreceptor Cells
A09.371.729.831.625.670.650.650.....Rod Cell Outer Segment
A09.371.729.831.750.....Retinal Bipolar Cells
A09.371.729.831.875.....Retinal Ganglion Cells
A09.371.729.831.937.....Retinal Horizontal Cells
A09.371.729.887.....Retinal Pigment Epithelium
A09.371.784.....Sclera
A09.371.839.....Tenon Capsule
A09.371.894.....Uvea
A09.371.894.030.....Blood-Aqueous Barrier
A09.371.894.223.....Choroid
A09.371.894.223.250.....Bruch Membrane
A09.371.894.280.....Ciliary Body
A09.371.894.513.....Iris
A09.371.894.513.780.....Pupil

## 2018 MeSH Tree Hierarchy

Tree location
A09.531.....Nose
A09.531.623.....Olfactory Mucosa
A09.531.623.580.....Olfactory Receptor Neurons
A09.531.940.....Vomeronasal Organ
A09.846.....Taste Buds
A10.....Tissues
A10.082.....Body Fluid Compartments
A10.082.500.....Extracellular Space
A10.082.750.....Intracellular Space
A10.165.....Connective Tissue
A10.165.114.....Adipose Tissue
A10.165.114.161.....Adipose Tissue, Beige
A10.165.114.322.....Adipose Tissue, Brown
A10.165.114.830.....Adipose Tissue, White
A10.165.114.830.500.....Abdominal Fat
A10.165.114.830.500.500.....Intra-Abdominal Fat
A10.165.114.830.500.750.....Subcutaneous Fat, Abdominal
A10.165.114.830.750.....Subcutaneous Fat
A10.165.114.830.750.500.....Subcutaneous Fat, Abdominal
A10.165.189.....Adventitia
A10.165.265.....Bone and Bones
A10.165.265.166.....Bone Matrix
A10.165.265.183.....Bone-Implant Interface
A10.165.265.200.....Bony Callus
A10.165.265.414.....Cancellous Bone
A10.165.265.521.....Cortical Bone
A10.165.265.521.500.....Haversian System
A10.165.265.746.....Periosteum
A10.165.382.....Cartilage
A10.165.382.300.....Elastic Cartilage
A10.165.382.350.....Fibrocartilage
A10.165.382.350.050.....Intervertebral Disc
A10.165.382.350.050.250.....Annulus Fibrosus
A10.165.382.350.050.500.....Nucleus Pulposus
A10.165.382.350.163.....Meniscus
A10.165.382.350.163.500.....Menisci, Tibial
A10.165.382.350.200.....Palmar Plate
A10.165.382.350.400.....Plantar Plate
A10.165.382.350.800.....Triangular Fibrocartilage
A10.165.382.400.....Hyaline Cartilage
A10.165.400.....Elastic Tissue

## 2018 MeSH Tree Hierarchy

Tree location
A10.165.425.....Fascia
A10.165.425.500.....Fascia Lata
A10.165.425.750.....Tenon Capsule
A10.165.450.....Granulation Tissue
A10.165.450.300.....Cicatrix
A10.165.450.300.125.....Cicatrix, Hypertrophic
A10.165.450.300.425.....Keloid
A10.165.450.300.425.125.....Acne Keloid
A10.165.669.....Ligaments
A10.165.669.170.....Broad Ligament
A10.165.669.514.....Ligaments, Articular
A10.165.669.514.100.....Anterior Cruciate Ligament
A10.165.669.514.162.....Collateral Ligaments
A10.165.669.514.162.250.....Collateral Ligament, Ulnar
A10.165.669.514.162.500.....Lateral Ligament, Ankle
A10.165.669.514.162.600.....Medial Collateral Ligament, Knee
A10.165.669.514.287.....Ligamentum Flavum
A10.165.669.514.350.....Longitudinal Ligaments
A10.165.669.514.475.....Patellar Ligament
A10.165.669.514.538.....Plantar Plate
A10.165.669.514.600.....Posterior Cruciate Ligament
A10.165.669.514.800.....Round Ligament of Femur
A10.165.669.901.....Round Ligaments
A10.165.669.901.500.....Round Ligament of Femur
A10.165.669.901.750.....Round Ligament of Liver
A10.165.669.901.875.....Round Ligament of Uterus
A10.165.887.....Subcutaneous Tissue
A10.165.970.....Wharton Jelly
A10.272.....Epithelium
A10.272.220.....Basement Membrane
A10.272.220.250.....Bruch Membrane
A10.272.491.....Endothelium
A10.272.491.318.....Endothelium, Corneal
A10.272.491.332.....Endothelium, Lymphatic
A10.272.491.355.....Endothelium, Vascular
A10.272.491.677.....Pericytes
A10.272.497.....Epidermis
A10.272.497.500.....Hair Follicle
A10.272.510.....Epithelium, Corneal
A10.272.640.....Pigment Epithelium of Eye
A10.272.700.....Seminiferous Epithelium



## 2018 MeSH Tree Hierarchy

Tree location	
A10.272.850.....	Urothelium
A10.336.....	Exocrine Glands
A10.336.095.....	Bartholin's Glands
A10.336.197.....	Bulbourethral Glands
A10.336.422.....	Lacrimal Apparatus
A10.336.482.....	Mammary Glands, Animal
A10.336.532.....	Mammary Glands, Human
A10.336.645.....	Pancreas, Exocrine
A10.336.707.....	Prostate
A10.336.779.....	Salivary Glands
A10.336.779.464.....	Parotid Gland
A10.336.779.640.....	Salivary Ducts
A10.336.779.650.....	Salivary Glands, Minor
A10.336.779.687.....	Sublingual Gland
A10.336.779.812.....	Submandibular Gland
A10.336.779.906.....	von Ebner Glands
A10.336.827.....	Sebaceous Glands
A10.336.827.600.....	Meibomian Glands
A10.336.899.....	Sweat Glands
A10.336.899.206.....	Apocrine Glands
A10.336.899.480.....	Eccrine Glands
A10.549.....	Lymphoid Tissue
A10.549.100.....	Adenoids
A10.549.175.....	Bursa of Fabricius
A10.549.400.....	Lymph Nodes
A10.549.400.500.....	Germinal Center
A10.549.400.500.200.....	Dendritic Cells, Follicular
A10.549.400.750.....	Sentinel Lymph Node
A10.549.580.....	Palatine Tonsil
A10.549.600.....	Peyer's Patches
A10.549.700.....	Spleen
A10.549.725.....	Tertiary Lymphoid Structures
A10.549.750.....	Thymus Gland
A10.615.....	Membranes
A10.615.179.....	Basement Membrane
A10.615.179.124.....	Basilar Membrane
A10.615.179.250.....	Bruch Membrane
A10.615.179.437.....	Descemet Membrane
A10.615.179.625.....	Glomerular Basement Membrane
A10.615.284.....	Extraembryonic Membranes
A10.615.284.147.....	Allantois

## 2018 MeSH Tree Hierarchy

Tree location
A10.615.284.277.....Amnion
A10.615.284.375.....Chorioallantoic Membrane
A10.615.284.473.....Chorion
A10.615.284.473.200.....Chorionic Villi
A10.615.284.981.....Yolk Sac
A10.615.550.....Mucous Membrane
A10.615.550.146.....Esophageal Mucosa
A10.615.550.291.....Gastric Mucosa
A10.615.550.291.150.....Chief Cells, Gastric
A10.615.550.291.162.....Enterochromaffin Cells
A10.615.550.291.300.....Gastrin-Secreting Cells
A10.615.550.291.650.....Parietal Cells, Gastric
A10.615.550.291.825.....Somatostatin-Secreting Cells
A10.615.550.368.....Hymen
A10.615.550.444.....Intestinal Mucosa
A10.615.550.444.290.....Enterocytes
A10.615.550.444.321.....Goblet Cells
A10.615.550.444.700.....Paneth Cells
A10.615.550.599.....Mouth Mucosa
A10.615.550.760.....Respiratory Mucosa
A10.615.550.760.520.....Laryngeal Mucosa
A10.615.550.760.520.320.....Goblet Cells
A10.615.550.760.600.....Nasal Mucosa
A10.615.550.760.600.320.....Goblet Cells
A10.615.550.760.600.640.....Olfactory Mucosa
A10.615.550.760.600.640.640.....Olfactory Receptor Neurons
A10.615.789.....Serous Membrane
A10.615.789.470.....Pericardium
A10.615.789.470.500.....Pericardial Fluid
A10.615.789.596.....Peritoneum
A10.615.789.736.....Pleura
A10.690.....Muscles
A10.690.467.....Muscle, Smooth
A10.690.467.491.....Muscle, Smooth, Vascular
A10.690.467.500.....Myometrium
A10.690.552.....Muscle, Striated
A10.690.552.500.....Muscle, Skeletal
A10.690.552.500.250.....Hamstring Muscles
A10.690.552.500.500.....Muscle Fibers, Skeletal
A10.690.552.500.500.600.....Muscle Fibers, Fast-Twitch
A10.690.552.500.500.700.....Muscle Fibers, Slow-Twitch

## 2018 MeSH Tree Hierarchy

Tree location
A10.690.552.500.500.850.....Sarcoplasmic Reticulum
A10.690.552.500.750.....Muscle Spindles
A10.690.552.750.....Myocardium
A10.690.552.750.500.....Myoblasts, Cardiac
A10.690.552.750.570.....Myocytes, Cardiac
A10.690.552.875.....Myofibrils
A10.690.552.875.700.....Sarcomeres
A10.755.....Nerve Tissue
A10.755.260.....Ependyma
A10.755.503.....Myelin Sheath
A10.755.503.550.....Neurilemma
A10.755.503.700.....Ranvier's Nodes
A10.802.....Organoids
A10.806.....Parenchymal Tissue
A10.810.....Peritoneal Stomata
A10.830.....Margins of Excision
A10.850.....Surgically-Created Structures
A10.850.200.....Colonic Pouches
A10.850.700.....Skeletal Muscle Ventricle
A10.850.710.....Surgical Flaps
A10.850.710.500.....Free Tissue Flaps
A10.850.710.625.....Myocutaneous Flap
A10.850.710.750.....Perforator Flap
A10.850.720.....Surgical Stomas
A10.850.750.....Urinary Reservoirs, Continent
A11.....Cells
A11.031.....Acinar Cells
A11.063.....Antibody-Producing Cells
A11.063.438.....B-Lymphocytes
A11.063.438.450.....B-Lymphocyte Subsets
A11.063.438.450.300.....B-Lymphocytes, Regulatory
A11.063.438.725.....Plasma Cells
A11.066.....Antigen-Presenting Cells
A11.066.270.....Dendritic Cells
A11.066.270.500.....Langerhans Cells
A11.066.275.....Dendritic Cells, Follicular
A11.118.....Blood Cells
A11.118.188.....Blood Platelets
A11.118.290.....Erythrocytes
A11.118.290.270.....Erythrocyte Membrane
A11.118.290.330.....Erythrocytes, Abnormal

## 2018 MeSH Tree Hierarchy

Tree location
A11.118.290.330.100.....Acanthocytes
A11.118.290.330.315.....Erythrocyte Inclusions
A11.118.290.330.315.335.....Heinz Bodies
A11.118.290.330.531.....Megaloblasts
A11.118.290.330.802.....Spherocytes
A11.118.290.760.....Reticulocytes
A11.118.480.....Hemocytes
A11.118.637.....Leukocytes
A11.118.637.415.....Granulocytes
A11.118.637.415.120.....Basophils
A11.118.637.415.345.....Eosinophils
A11.118.637.415.583.....Neutrophils
A11.118.637.555.....Leukocytes, Mononuclear
A11.118.637.555.283.....Cytokine-Induced Killer Cells
A11.118.637.555.283.500.....Killer Cells, Lymphokine-Activated
A11.118.637.555.283.750.....Monocytes, Activated Killer
A11.118.637.555.283.875.....T-Lymphocytes, Cytotoxic
A11.118.637.555.567.....Lymphocytes
A11.118.637.555.567.537.....Killer Cells, Natural
A11.118.637.555.567.537.500.....Killer Cells, Lymphokine-Activated
A11.118.637.555.567.550.....Lymphocyte Subsets
A11.118.637.555.567.550.450.....B-Lymphocyte Subsets
A11.118.637.555.567.550.450.300.....B-Lymphocytes, Regulatory
A11.118.637.555.567.550.500.....T-Lymphocyte Subsets
A11.118.637.555.567.550.500.050.....Intraepithelial Lymphocytes
A11.118.637.555.567.550.500.100.....Mucosal-Associated Invariant T Cells
A11.118.637.555.567.550.500.200.....T-Lymphocytes, Cytotoxic
A11.118.637.555.567.550.500.400.....T-Lymphocytes, Helper-Inducer
A11.118.637.555.567.550.500.400.900.....Th1 Cells
A11.118.637.555.567.550.500.400.905.....Th2 Cells
A11.118.637.555.567.550.500.400.915.....Th17 Cells
A11.118.637.555.567.550.500.700.....T-Lymphocytes, Regulatory
A11.118.637.555.567.562.....B-Lymphocytes
A11.118.637.555.567.562.200.....B-Lymphocyte Subsets
A11.118.637.555.567.562.200.300.....B-Lymphocytes, Regulatory
A11.118.637.555.567.562.725.....Plasma Cells
A11.118.637.555.567.562.800.....Precursor Cells, B-Lymphoid
A11.118.637.555.567.569.....T-Lymphocytes
A11.118.637.555.567.569.200.....CD4-Positive T-Lymphocytes
A11.118.637.555.567.569.200.400.....T-Lymphocytes, Helper-Inducer
A11.118.637.555.567.569.200.400.900.....Th1 Cells

## 2018 MeSH Tree Hierarchy

Tree location
A11.118.637.555.567.569.200.400.905.....Th2 Cells
A11.118.637.555.567.569.200.400.915.....Th17 Cells
A11.118.637.555.567.569.200.700.....T-Lymphocytes, Regulatory
A11.118.637.555.567.569.220.....CD8-Positive T-Lymphocytes
A11.118.637.555.567.569.220.200.....T-Lymphocytes, Cytotoxic
A11.118.637.555.567.569.290.....Natural Killer T-Cells
A11.118.637.555.567.569.360.....Precursor Cells, T-Lymphoid
A11.118.637.555.567.569.360.800.....Thymocytes
A11.118.637.555.567.569.500.....T-Lymphocyte Subsets
A11.118.637.555.567.569.500.050.....Intraepithelial Lymphocytes
A11.118.637.555.567.569.500.100.....Mucosal-Associated Invariant T Cells
A11.118.637.555.567.569.500.200.....T-Lymphocytes, Cytotoxic
A11.118.637.555.567.569.500.400.....T-Lymphocytes, Helper-Inducer
A11.118.637.555.567.569.500.400.900.....Th1 Cells
A11.118.637.555.567.569.500.400.905.....Th2 Cells
A11.118.637.555.567.569.500.400.915.....Th17 Cells
A11.118.637.555.567.569.500.700.....T-Lymphocytes, Regulatory
A11.118.637.555.567.622.....Lymphocytes, Null
A11.118.637.555.567.650.....Lymphocytes, Tumor-Infiltrating
A11.118.637.555.652.....Monocytes
A11.118.637.555.652.500.....Monocytes, Activated Killer
A11.148.....Bone Marrow Cells
A11.148.174.....Endothelial Progenitor Cells
A11.148.350.....Granulocytes
A11.148.350.350.....Granulocyte Precursor Cells
A11.148.378.....Hematopoietic Stem Cells
A11.148.378.294.....Lymphoid Progenitor Cells
A11.148.378.294.374.....Precursor Cells, B-Lymphoid
A11.148.378.294.750.....Precursor Cells, T-Lymphoid
A11.148.378.294.750.800.....Thymocytes
A11.148.378.590.....Myeloid Progenitor Cells
A11.148.378.590.675.....Granulocyte-Macrophage Progenitor Cells
A11.148.378.590.675.500.....Granulocyte Precursor Cells
A11.148.378.590.675.750.....Monocyte-Macrophage Precursor Cells
A11.148.378.590.837.....Megakaryocyte-Erythroid Progenitor Cells
A11.148.378.590.837.250.....Erythroid Precursor Cells
A11.148.378.590.837.250.200.....Erythroblasts
A11.148.378.590.837.250.200.500.....Megaloblasts
A11.148.378.590.837.625.....Megakaryocyte Progenitor Cells
A11.148.479.....Megakaryocytes
A11.148.580.....Monocytes

## 2018 MeSH Tree Hierarchy

Tree location
A11.148.580.500.....Monocyte-Macrophage Precursor Cells
A11.148.790.....Reticulocytes
A11.251.....Cells, Cultured
A11.251.210.....Cell Line
A11.251.210.100.....3T3 Cells
A11.251.210.100.080.....BALB 3T3 Cells
A11.251.210.100.550.....NIH 3T3 Cells
A11.251.210.100.775.....Swiss 3T3 Cells
A11.251.210.100.775.800.....3T3-L1 Cells
A11.251.210.172.....Cell Line, Transformed
A11.251.210.172.500.....COS Cells
A11.251.210.172.750.....HEK293 Cells
A11.251.210.172.875.....RAW 264.7 Cells
A11.251.210.190.....Cell Line, Tumor
A11.251.210.190.080.....A549 Cells
A11.251.210.190.160.....Caco-2 Cells
A11.251.210.190.380.....HCT116 Cells
A11.251.210.190.400.....HeLa Cells
A11.251.210.190.400.500.....KB Cells
A11.251.210.190.465.....HL-60 Cells
A11.251.210.190.475.....HT29 Cells
A11.251.210.190.495.....Jurkat Cells
A11.251.210.190.510.....K562 Cells
A11.251.210.190.630.....MCF-7 Cells
A11.251.210.190.750.....PC12 Cells
A11.251.210.190.815.....THP-1 Cells
A11.251.210.190.880.....U937 Cells
A11.251.210.200.....CHO Cells
A11.251.210.505.....L Cells (Cell Line)
A11.251.210.520.....LLC-PK1 Cells
A11.251.210.827.....Madin Darby Canine Kidney Cells
A11.251.210.891.....Sf9 Cells
A11.251.210.955.....Vero Cells
A11.251.353.....Clone Cells
A11.251.353.485.....Hybridomas
A11.251.476.....Cytokine-Induced Killer Cells
A11.251.538.....Feeder Cells
A11.251.600.....Hybrid Cells
A11.251.600.485.....Hybridomas
A11.251.800.....Spheroids, Cellular
A11.251.860.....Tumor Cells, Cultured

## 2018 MeSH Tree Hierarchy

Tree location
A11.251.860.180.....Cell Line, Tumor
A11.251.860.180.080.....A549 Cells
A11.251.860.180.160.....Caco-2 Cells
A11.251.860.180.380.....HCT116 Cells
A11.251.860.180.400.....HeLa Cells
A11.251.860.180.400.500.....KB Cells
A11.251.860.180.432.....Hep G2 Cells
A11.251.860.180.465.....HL-60 Cells
A11.251.860.180.475.....HT29 Cells
A11.251.860.180.495.....Jurkat Cells
A11.251.860.180.510.....K562 Cells
A11.251.860.180.750.....PC12 Cells
A11.251.860.180.815.....THP-1 Cells
A11.251.860.180.880.....U937 Cells
A11.251.860.590.....Embryonal Carcinoma Stem Cells
A11.270.....Cells, Immobilized
A11.284.....Cellular Structures
A11.284.074.....Cell Body
A11.284.149.....Cell Membrane
A11.284.149.165.....Cell Membrane Structures
A11.284.149.165.165.....Cell-Matrix Junctions
A11.284.149.165.165.142.....Costameres
A11.284.149.165.165.285.....Focal Adhesions
A11.284.149.165.165.360.....Hemidesmosomes
A11.284.149.165.175.....Coated Pits, Cell-Membrane
A11.284.149.165.175.160.....Caveolae
A11.284.149.165.355.....Glycocalyx
A11.284.149.165.420.....Intercellular Junctions
A11.284.149.165.420.020.....Adherens Junctions
A11.284.149.165.420.297.....Desmosomes
A11.284.149.165.420.471.....Gap Junctions
A11.284.149.165.420.471.180.....Electrical Synapses
A11.284.149.165.420.548.....Immunological Synapses
A11.284.149.165.420.625.....Plasmodesmata
A11.284.149.165.420.780.....Synapses
A11.284.149.165.420.780.180.....Electrical Synapses
A11.284.149.165.420.780.550.....Neuroeffector Junction
A11.284.149.165.420.780.550.550.....Neuromuscular Junction
A11.284.149.165.420.780.550.550.500.....Motor Endplate
A11.284.149.165.420.780.700.....Presynaptic Terminals
A11.284.149.165.420.780.800.....Synaptic Membranes

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.149.165.420.780.800.500.....Post-Synaptic Density
A11.284.149.165.420.820.....Tight Junctions
A11.284.149.165.570.....Membrane Microdomains
A11.284.149.165.570.160.....Caveolae
A11.284.149.165.600.....Myelin Sheath
A11.284.149.165.630.....Nuclear Envelope
A11.284.149.165.630.500.....Nuclear Lamina
A11.284.149.165.695.....Phycobilisomes
A11.284.149.165.760.....Ranvier's Nodes
A11.284.149.356.....Erythrocyte Membrane
A11.284.149.450.....Intracellular Membranes
A11.284.149.450.349.....Mitochondrial Membranes
A11.284.149.450.700.....Nuclear Envelope
A11.284.149.648.....Purple Membrane
A11.284.149.707.....Sarcolemma
A11.284.149.844.....Synaptic Membranes
A11.284.180.....Cell Surface Extensions
A11.284.180.075.....Axons
A11.284.180.075.125.....Axon Initial Segment
A11.284.180.075.249.....Growth Cones
A11.284.180.120.....Cellulosomes
A11.284.180.165.....Cilia
A11.284.180.225.....Dendrites
A11.284.180.225.169.....Dendritic Spines
A11.284.180.225.340.....Growth Cones
A11.284.180.285.....Fimbriae, Bacterial
A11.284.180.290.....Flagella
A11.284.180.290.835.....Sperm Tail
A11.284.180.565.....Microvilli
A11.284.180.610.....Neurites
A11.284.180.610.345.....Growth Cones
A11.284.180.690.....Pili, Sex
A11.284.180.695.....Podosomes
A11.284.180.700.....Pseudopodia
A11.284.180.800.....Stereocilia
A11.284.180.900.....Telopodes
A11.284.183.....Cell Wall
A11.284.183.200.....Cell Wall Skeleton
A11.284.187.....Chromosomes
A11.284.187.167.....Chromosomes, Archaeal
A11.284.187.178.....Chromosomes, Artificial



## 2018 MeSH Tree Hierarchy

Tree location
A11.284.187.178.170.....Chromosomes, Artificial, Bacterial
A11.284.187.178.190.....Chromosomes, Artificial, Mammalian
A11.284.187.178.190.117.....Chromosomes, Artificial, Human
A11.284.187.178.195.....Chromosomes, Artificial, P1 Bacteriophage
A11.284.187.178.200.....Chromosomes, Artificial, Yeast
A11.284.187.190.....Chromosomes, Bacterial
A11.284.187.190.170.....Chromosomes, Artificial, Bacterial
A11.284.187.360.....Chromosomes, Fungal
A11.284.187.360.800.....Chromosomes, Artificial, Yeast
A11.284.187.440.....Chromosomes, Insect
A11.284.187.440.500.....Polytene Chromosomes
A11.284.187.520.....Chromosomes, Mammalian
A11.284.187.520.190.....Chromosomes, Artificial, Mammalian
A11.284.187.520.190.117.....Chromosomes, Artificial, Human
A11.284.187.520.300.....Chromosomes, Human
A11.284.187.520.300.117.....Chromosomes, Artificial, Human
A11.284.187.520.300.235.....Chromosomes, Human, 1-3
A11.284.187.520.300.235.240.....Chromosomes, Human, Pair 1
A11.284.187.520.300.235.245.....Chromosomes, Human, Pair 2
A11.284.187.520.300.235.250.....Chromosomes, Human, Pair 3
A11.284.187.520.300.280.....Chromosomes, Human, 4-5
A11.284.187.520.300.280.285.....Chromosomes, Human, Pair 4
A11.284.187.520.300.280.290.....Chromosomes, Human, Pair 5
A11.284.187.520.300.325.....Chromosomes, Human, 6-12 and X
A11.284.187.520.300.325.330.....Chromosomes, Human, Pair 6
A11.284.187.520.300.325.335.....Chromosomes, Human, Pair 7
A11.284.187.520.300.325.340.....Chromosomes, Human, Pair 8
A11.284.187.520.300.325.345.....Chromosomes, Human, Pair 9
A11.284.187.520.300.325.345.500.....Philadelphia Chromosome
A11.284.187.520.300.325.350.....Chromosomes, Human, Pair 10
A11.284.187.520.300.325.355.....Chromosomes, Human, Pair 11
A11.284.187.520.300.325.360.....Chromosomes, Human, Pair 12
A11.284.187.520.300.325.680.....Chromosomes, Human, X
A11.284.187.520.300.370.....Chromosomes, Human, 13-15
A11.284.187.520.300.370.375.....Chromosomes, Human, Pair 13
A11.284.187.520.300.370.380.....Chromosomes, Human, Pair 14
A11.284.187.520.300.370.385.....Chromosomes, Human, Pair 15
A11.284.187.520.300.415.....Chromosomes, Human, 16-18
A11.284.187.520.300.415.420.....Chromosomes, Human, Pair 16
A11.284.187.520.300.415.425.....Chromosomes, Human, Pair 17
A11.284.187.520.300.415.430.....Chromosomes, Human, Pair 18

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.187.520.300.460.....Chromosomes, Human, 19-20
A11.284.187.520.300.460.465.....Chromosomes, Human, Pair 19
A11.284.187.520.300.460.470.....Chromosomes, Human, Pair 20
A11.284.187.520.300.505.....Chromosomes, Human, 21-22 and Y
A11.284.187.520.300.505.510.....Chromosomes, Human, Pair 21
A11.284.187.520.300.505.515.....Chromosomes, Human, Pair 22
A11.284.187.520.300.505.515.500.....Philadelphia Chromosome
A11.284.187.520.300.505.757.....Chromosomes, Human, Y
A11.284.187.560.....Chromosomes, Plant
A11.284.187.570.....Isochromosomes
A11.284.187.788.....Ring Chromosomes
A11.284.187.865.....Sex Chromosomes
A11.284.187.865.400.....Pseudoautosomal Regions
A11.284.187.865.800.....Sex Chromatin
A11.284.187.865.982.....X Chromosome
A11.284.187.865.982.500.....Chromosomes, Human, X
A11.284.187.865.983.....Y Chromosome
A11.284.187.865.983.500.....Chromosomes, Human, Y
A11.284.295.....Extracellular Space
A11.284.295.260.....Extracellular Fluid
A11.284.295.310.....Extracellular Matrix
A11.284.295.310.279.....Glomerular Basement Membrane
A11.284.295.310.560.....Microfibrils
A11.284.295.310.990.....Zona Pellucida
A11.284.295.495.....Extracellular Traps
A11.284.295.588.....Extracellular Vesicles
A11.284.295.588.500.....Cell-Derived Microparticles
A11.284.295.588.750.....Exosomes
A11.284.295.680.....Periplasm
A11.284.420.....Inclusion Bodies
A11.284.420.204.....Erythrocyte Inclusions
A11.284.420.204.335.....Heinz Bodies
A11.284.420.390.....Inclusion Bodies, Viral
A11.284.420.400.....Intranuclear Inclusion Bodies
A11.284.420.460.....Lewy Bodies
A11.284.420.500.....Mallory Bodies
A11.284.430.....Intracellular Space
A11.284.430.106.....Cell Nucleus
A11.284.430.106.279.....Cell Nucleus Structures
A11.284.430.106.279.345.....Intranuclear Space
A11.284.430.106.279.345.175.....Cell Nucleolus

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.430.106.279.345.190.....Chromosomes
A11.284.430.106.279.345.190.160.....Chromosome Structures
A11.284.430.106.279.345.190.160.165.....Centromere
A11.284.430.106.279.345.190.160.165.500.....Kinetochores
A11.284.430.106.279.345.190.160.175.....Chromatids
A11.284.430.106.279.345.190.160.180.....Chromatin
A11.284.430.106.279.345.190.160.180.270.....Euchromatin
A11.284.430.106.279.345.190.160.180.270.500.....Chromosomal Puffs
A11.284.430.106.279.345.190.160.180.383.....Heterochromatin
A11.284.430.106.279.345.190.160.180.383.800.....Sex Chromatin
A11.284.430.106.279.345.190.160.180.625.....Nucleosomes
A11.284.430.106.279.345.190.160.650.....Nucleolus Organizer Region
A11.284.430.106.279.345.190.160.830.....Synaptonemal Complex
A11.284.430.106.279.345.190.160.845.....Telomere
A11.284.430.106.279.345.190.580.....Polytene Chromosomes
A11.284.430.106.279.345.190.580.500.....Chromosomal Puffs
A11.284.430.106.279.345.195.....Coiled Bodies
A11.284.430.106.279.345.447.....Gemini of Coiled Bodies
A11.284.430.106.279.345.700.....Nuclear Matrix
A11.284.430.106.279.345.700.700.....Nuclear Lamina
A11.284.430.106.279.345.850.....Spliceosomes
A11.284.430.106.279.692.....Nuclear Envelope
A11.284.430.106.279.692.314.....Nuclear Lamina
A11.284.430.106.279.692.630.....Nuclear Pore
A11.284.430.106.550.....Macronucleus
A11.284.430.106.570.....Micronuclei, Chromosome-Defective
A11.284.430.106.575.....Micronucleus, Germline
A11.284.430.214.....Cytoplasm
A11.284.430.214.190.....Cytoplasmic Structures
A11.284.430.214.190.500.....Cytoplasmic Granules
A11.284.430.214.190.500.207.....Chromaffin Granules
A11.284.430.214.190.500.560.....Melanosomes
A11.284.430.214.190.500.585.....Microbodies
A11.284.430.214.190.500.585.250.....Glyoxysomes
A11.284.430.214.190.500.585.600.....Peroxisomes
A11.284.430.214.190.500.610.....Nissl Bodies
A11.284.430.214.190.500.950.....Weibel-Palade Bodies
A11.284.430.214.190.750.....Cytoskeleton
A11.284.430.214.190.750.050.....Actin Cytoskeleton
A11.284.430.214.190.750.050.414.....Filamins
A11.284.430.214.190.750.050.830.....Stress Fibers

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.430.214.190.750.410.....Intermediate Filaments
A11.284.430.214.190.750.585.....Microtubule-Organizing Center
A11.284.430.214.190.750.585.079.....Basal Bodies
A11.284.430.214.190.750.585.160.....Centrosome
A11.284.430.214.190.750.585.160.130.....Centrioles
A11.284.430.214.190.750.585.580.....Spindle Pole Bodies
A11.284.430.214.190.750.602.....Microtubules
A11.284.430.214.190.750.602.309.....Axoneme
A11.284.430.214.190.750.602.620.....Neuropil Threads
A11.284.430.214.190.750.620.....Myofibrils
A11.284.430.214.190.750.640.....Neurofibrils
A11.284.430.214.190.750.640.520.....Neurofibrillary Tangles
A11.284.430.214.190.750.820.....Spindle Apparatus
A11.284.430.214.190.750.820.500.....Spindle Poles
A11.284.430.214.190.750.820.500.500.....Centrosome
A11.284.430.214.190.750.820.500.500.130.....Centrioles
A11.284.430.214.190.750.820.500.750.....Spindle Pole Bodies
A11.284.430.214.190.875.....Organelles
A11.284.430.214.190.875.080.....Bacterial Chromatophores
A11.284.430.214.190.875.117.....Cell Nucleus
A11.284.430.214.190.875.117.550.....Macronucleus
A11.284.430.214.190.875.117.570.....Micronuclei, Chromosome-Defective
A11.284.430.214.190.875.117.575.....Micronucleus, Germline
A11.284.430.214.190.875.190.....Cytoplasmic Vesicles
A11.284.430.214.190.875.190.190.....Cytoplasmic Granules
A11.284.430.214.190.875.190.190.207.....Chromaffin Granules
A11.284.430.214.190.875.190.190.560.....Melanosomes
A11.284.430.214.190.875.190.190.755.....Microbodies
A11.284.430.214.190.875.190.190.755.250.....Glyoxysomes
A11.284.430.214.190.875.190.190.755.600.....Peroxisomes
A11.284.430.214.190.875.190.190.950.....Weibel-Palade Bodies
A11.284.430.214.190.875.190.550.....Lysosomes
A11.284.430.214.190.875.190.550.040.....Acrosome
A11.284.430.214.190.875.190.700.....Phagosomes
A11.284.430.214.190.875.190.700.500.....Autophagosomes
A11.284.430.214.190.875.190.880.....Transport Vesicles
A11.284.430.214.190.875.190.880.180.....Coated Vesicles
A11.284.430.214.190.875.190.880.180.160.....Caveolae
A11.284.430.214.190.875.190.880.180.170.....Clathrin-Coated Vesicles
A11.284.430.214.190.875.190.880.180.180.....COP-Coated Vesicles
A11.284.430.214.190.875.190.880.337.....Endosomes

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.430.214.190.875.190.880.337.500.....Multivesicular Bodies
A11.284.430.214.190.875.190.880.495.....Exosomes
A11.284.430.214.190.875.190.880.810.....Secretory Vesicles
A11.284.430.214.190.875.190.880.830.....Synaptic Vesicles
A11.284.430.214.190.875.190.920.....Vacuoles
A11.284.430.214.190.875.248.....Endoplasmic Reticulum
A11.284.430.214.190.875.248.300.....Endoplasmic Reticulum, Rough
A11.284.430.214.190.875.248.300.610.....Nissl Bodies
A11.284.430.214.190.875.248.310.....Endoplasmic Reticulum, Smooth
A11.284.430.214.190.875.248.310.800.....Sarcoplasmic Reticulum
A11.284.430.214.190.875.336.....Golgi Apparatus
A11.284.430.214.190.875.336.850.....trans-Golgi Network
A11.284.430.214.190.875.393.....Lipid Droplets
A11.284.430.214.190.875.450.....Magnetosomes
A11.284.430.214.190.875.564.....Mitochondria
A11.284.430.214.190.875.564.461.....Mitochondria, Liver
A11.284.430.214.190.875.564.627.....Mitochondria, Muscle
A11.284.430.214.190.875.564.627.603.....Mitochondria, Heart
A11.284.430.214.190.875.564.755.....Mitochondrial Ribosomes
A11.284.430.214.190.875.564.882.....Submitochondrial Particles
A11.284.430.214.190.875.700.....Plastids
A11.284.430.214.190.875.700.069.....Apicoplasts
A11.284.430.214.190.875.700.140.....Chloroplasts
A11.284.430.214.190.875.700.140.800.....Thylakoids
A11.284.430.214.190.875.811.....Ribosomes
A11.284.430.214.190.875.811.370.....Mitochondrial Ribosomes
A11.284.430.214.190.875.811.740.....Polyribosomes
A11.284.430.214.190.875.811.740.300.....Endoplasmic Reticulum, Rough
A11.284.430.214.190.875.811.740.300.610.....Nissl Bodies
A11.284.430.214.190.875.811.870.....Ribosome Subunits
A11.284.430.214.190.875.811.870.700.....Ribosome Subunits, Large
A11.284.430.214.190.875.811.870.700.349.....Ribosome Subunits, Large, Archaeal
A11.284.430.214.190.875.811.870.700.700.....Ribosome Subunits, Large, Bacterial
A11.284.430.214.190.875.811.870.700.750.....Ribosome Subunits, Large, Eukaryotic
A11.284.430.214.190.875.811.870.750.....Ribosome Subunits, Small
A11.284.430.214.190.875.811.870.750.349.....Ribosome Subunits, Small, Archaeal
A11.284.430.214.190.875.811.870.750.700.....Ribosome Subunits, Small, Bacterial
A11.284.430.214.190.875.811.870.750.750.....Ribosome Subunits, Small, Eukaryotic
A11.284.430.214.190.875.820.....Sarcomeres
A11.284.430.214.190.875.930.....Vault Ribonucleoprotein Particles
A11.284.430.214.200.....Cytosol

## 2018 MeSH Tree Hierarchy

Tree location
A11.284.430.429.....Intracellular Fluid
A11.284.430.429.200.....Cytosol
A11.284.835.....Subcellular Fractions
A11.284.835.168.....Cell-Free System
A11.284.835.450.....Intracellular Fluid
A11.284.835.450.200.....Cytosol
A11.284.835.514.....Intracellular Membranes
A11.284.835.514.349.....Mitochondrial Membranes
A11.284.835.514.700.....Nuclear Envelope
A11.284.835.514.700.500.....Nuclear Lamina
A11.284.835.540.....Microsomes
A11.284.835.540.541.....Microsomes, Liver
A11.284.835.626.....Mitochondria
A11.284.835.626.461.....Mitochondria, Liver
A11.284.835.626.627.....Mitochondria, Muscle
A11.284.835.626.627.603.....Mitochondria, Heart
A11.284.835.626.882.....Submitochondrial Particles
A11.284.835.859.....Synaptosomes
A11.284.917.....Trichomes
A11.299.....Chromaffin Cells
A11.299.500.....PC12 Cells
A11.329.....Connective Tissue Cells
A11.329.114.....Adipocytes
A11.329.114.125.....Adipocytes, Beige
A11.329.114.249.....Adipocytes, Brown
A11.329.114.500.....Adipocytes, White
A11.329.171.....Chondrocytes
A11.329.228.....Fibroblasts
A11.329.228.100.....3T3 Cells
A11.329.228.100.080.....BALB 3T3 Cells
A11.329.228.100.550.....NIH 3T3 Cells
A11.329.228.100.775.....Swiss 3T3 Cells
A11.329.228.100.775.800.....3T3-L1 Cells
A11.329.228.105.....Cancer-Associated Fibroblasts
A11.329.228.109.....Corneal Keratocytes
A11.329.228.220.....COS Cells
A11.329.228.505.....L Cells (Cell Line)
A11.329.228.950.....Mesangial Cells
A11.329.228.975.....Myofibroblasts
A11.329.372.....Macrophages
A11.329.372.300.....Epithelioid Cells

## 2018 MeSH Tree Hierarchy

Tree location	
A11.329.372.368.....	Foam Cells
A11.329.372.376.....	Giant Cells, Foreign-Body
A11.329.372.380.....	Giant Cells, Langhans
A11.329.372.385.....	Histiocytes
A11.329.372.588.....	Kupffer Cells
A11.329.372.600.....	Macrophages, Alveolar
A11.329.372.630.....	Macrophages, Peritoneal
A11.329.372.700.....	Osteoclasts
A11.329.427.....	Mast Cells
A11.329.522.....	Odontoblasts
A11.329.629.....	Osteoblasts
A11.329.629.500.....	Osteocytes
A11.329.830.....	Stromal Cells
A11.329.830.500.....	Mesenchymal Stromal Cells
A11.329.830.750.....	Telocytes
A11.329.830.750.500.....	Telopodes
A11.329.835.....	Synoviocytes
A11.329.840.....	Tenocytes
A11.329.850.....	Theca Cells
A11.382.....	Endocrine Cells
A11.382.249.....	APUD Cells
A11.382.500.....	Corticotrophs
A11.382.625.....	Enteroendocrine Cells
A11.382.625.031.....	Enterochromaffin Cells
A11.382.625.047.....	Enterochromaffin-like Cells
A11.382.625.055.....	Gastrin-Secreting Cells
A11.382.625.064.....	Glucagon-Secreting Cells
A11.382.625.092.....	Insulin-Secreting Cells
A11.382.625.900.....	Pancreatic Polypeptide-Secreting Cells
A11.382.625.950.....	Somatostatin-Secreting Cells
A11.382.750.....	Gonadotrophs
A11.382.812.....	Granulosa Cells
A11.382.812.500.....	Cumulus Cells
A11.382.875.....	Lactotrophs
A11.382.906.....	Leydig Cells
A11.382.921.....	Luteal Cells
A11.382.937.....	Melanotrophs
A11.382.944.....	Neuroendocrine Cells
A11.382.952.....	Sertoli Cells
A11.382.968.....	Somatotrophs
A11.382.984.....	Thyrotrophs

## 2018 MeSH Tree Hierarchy

Tree location
A11.382.992.....Trophoblasts
A11.436.....Epithelial Cells
A11.436.054.....A549 Cells
A11.436.081.....Alveolar Epithelial Cells
A11.436.107.....Ameloblasts
A11.436.123.....Atypical Squamous Cells of the Cervix
A11.436.140.....Caco-2 Cells
A11.436.150.....Chief Cells, Gastric
A11.436.155.....CHO Cells
A11.436.265.....Chromatophores
A11.436.265.531.....Melanophores
A11.436.265.531.560.....Melanosomes
A11.436.267.....Corticotrophs
A11.436.270.....Dendritic Cells
A11.436.270.545.....Langerhans Cells
A11.436.275.....Endothelial Cells
A11.436.275.182.....Endothelial Progenitor Cells
A11.436.275.365.....Hemangioblasts
A11.436.275.682.....Human Umbilical Vein Endothelial Cells
A11.436.275.841.....Podosomes
A11.436.290.....Enterocytes
A11.436.294.....Enteroendocrine Cells
A11.436.294.031.....Enterochromaffin Cells
A11.436.294.047.....Enterochromaffin-like Cells
A11.436.294.055.....Gastrin-Secreting Cells
A11.436.294.064.....Glucagon-Secreting Cells
A11.436.294.092.....Insulin-Secreting Cells
A11.436.294.900.....Pancreatic Polypeptide-Secreting Cells
A11.436.294.950.....Somatostatin-Secreting Cells
A11.436.298.....Goblet Cells
A11.436.319.....Gonadotrophs
A11.436.329.....Granulosa Cells
A11.436.329.500.....Cumulus Cells
A11.436.334.....HEK293 Cells
A11.436.340.....HeLa Cells
A11.436.340.500.....KB Cells
A11.436.348.....Hepatocytes
A11.436.348.500.....Hep G2 Cells
A11.436.365.....HT29 Cells
A11.436.397.....Keratinocytes
A11.436.495.....Labyrinth Supporting Cells



## 2018 MeSH Tree Hierarchy

Tree location
A11.436.507.....Lactotrophs
A11.436.513.....Leydig Cells
A11.436.520.....LLC-PK1 Cells
A11.436.566.....Luteal Cells
A11.436.589.....Madin Darby Canine Kidney Cells
A11.436.613.....Melanocytes
A11.436.613.560.....Melanosomes
A11.436.636.....Melanotrophs
A11.436.660.....Merkel Cells
A11.436.690.....Neuroepithelial Cells
A11.436.690.550.....Neuroepithelial Bodies
A11.436.700.....Paneth Cells
A11.436.708.....Parietal Cells, Gastric
A11.436.720.....Podocytes
A11.436.837.....Sertoli Cells
A11.436.896.....Somatotrophs
A11.436.911.....Thyroid Epithelial Cells
A11.436.925.....Thyrotrophs
A11.436.955.....Vero Cells
A11.443.....Erythroid Cells
A11.443.240.....Erythrocytes
A11.443.240.330.....Erythrocytes, Abnormal
A11.443.240.330.100.....Acanthocytes
A11.443.240.330.531.....Megaloblasts
A11.443.240.330.802.....Spherocytes
A11.443.240.497.....Erythroid Precursor Cells
A11.443.240.497.200.....Erythroblasts
A11.443.240.497.200.500.....Megaloblasts
A11.443.240.497.480.....K562 Cells
A11.443.240.665.....Reticulocytes
A11.450.....Eukaryotic Cells
A11.497.....Germ Cells
A11.497.124.....Embryonic Germ Cells
A11.497.248.....Germ Cells, Plant
A11.497.497.....Ovum
A11.497.497.600.....Oocytes
A11.497.497.600.500.....Polar Bodies
A11.497.497.650.....Oogonia
A11.497.497.900.....Zona Pellucida
A11.497.497.950.....Zygote
A11.497.760.....Spermatozoa

## 2018 MeSH Tree Hierarchy

Tree location
A11.497.760.400.....Sperm Head
A11.497.760.400.100.....Acrosome
A11.497.760.450.....Sperm Midpiece
A11.497.760.500.....Sperm Tail
A11.497.760.600.....Spermatids
A11.497.760.700.....Spermatocytes
A11.497.760.800.....Spermatogonia
A11.500.....Giant Cells
A11.500.376.....Giant Cells, Foreign-Body
A11.500.380.....Giant Cells, Langhans
A11.561.....Hepatic Stellate Cells
A11.600.....Mesophyll Cells
A11.620.....Muscle Cells
A11.620.124.....Interstitial Cells of Cajal
A11.620.249.....Muscle Fibers, Skeletal
A11.620.249.400.....Muscle Fibers, Fast-Twitch
A11.620.249.700.....Muscle Fibers, Slow-Twitch
A11.620.249.850.....Myofibrils
A11.620.249.850.700.....Sarcomeres
A11.620.500.....Myocytes, Cardiac
A11.620.500.500.....Myofibrils
A11.620.500.500.700.....Sarcomeres
A11.620.520.....Myocytes, Smooth Muscle
A11.620.520.500.....Myofibroblasts
A11.627.....Myeloid Cells
A11.627.340.....Granulocytes
A11.627.340.120.....Basophils
A11.627.340.345.....Eosinophils
A11.627.340.360.....Granulocyte Precursor Cells
A11.627.340.360.500.....HL-60 Cells
A11.627.340.583.....Neutrophils
A11.627.482.....Macrophages
A11.627.482.300.....Epithelioid Cells
A11.627.482.368.....Foam Cells
A11.627.482.376.....Giant Cells, Foreign-Body
A11.627.482.380.....Giant Cells, Langhans
A11.627.482.385.....Histiocytes
A11.627.482.588.....Kupffer Cells
A11.627.482.600.....Macrophages, Alveolar
A11.627.482.630.....Macrophages, Peritoneal
A11.627.482.665.....Monocyte-Macrophage Precursor Cells

## 2018 MeSH Tree Hierarchy

Tree location
A11.627.482.665.500.....U937 Cells
A11.627.482.700.....Osteoclasts
A11.627.624.....Monocytes
A11.627.624.249.....Monocyte-Macrophage Precursor Cells
A11.627.624.249.500.....U937 Cells
A11.627.624.500.....Monocytes, Activated Killer
A11.627.635.....Myeloid Progenitor Cells
A11.627.635.675.....Granulocyte-Macrophage Progenitor Cells
A11.627.635.675.500.....Granulocyte Precursor Cells
A11.627.635.675.750.....Monocyte-Macrophage Precursor Cells
A11.627.635.675.750.500.....U937 Cells
A11.627.817.....Myeloid-Derived Suppressor Cells
A11.642.....Neoplastic Cells, Circulating
A11.650.....Neuroglia
A11.650.200.....Astrocytes
A11.650.300.....Ependymogial Cells
A11.650.400.....Microglia
A11.650.500.....Neuropil
A11.650.500.550.....Neuropil Threads
A11.650.550.....Oligodendrocyte Precursor Cells
A11.650.600.....Oligodendroglia
A11.650.600.500.....Myelin Sheath
A11.650.775.....Satellite Cells, Perineuronal
A11.650.800.....Schwann Cells
A11.650.800.500.....Myelin Sheath
A11.650.800.500.550.....Neurilemma
A11.650.800.500.700.....Ranvier's Nodes
A11.671.....Neurons
A11.671.050.....Adrenergic Neurons
A11.671.137.....Axons
A11.671.137.170.....Axon Initial Segment
A11.671.137.340.....Growth Cones
A11.671.137.560.....Mossy Fibers, Hippocampal
A11.671.137.750.....Presynaptic Terminals
A11.671.188.....Cholinergic Neurons
A11.671.188.500.....Cholinergic Fibers
A11.671.188.500.060.....Autonomic Fibers, Preganglionic
A11.671.188.500.700.....Parasympathetic Fibers, Postganglionic
A11.671.240.....Dendrites
A11.671.240.169.....Dendritic Spines
A11.671.240.340.....Growth Cones

## 2018 MeSH Tree Hierarchy

Tree location
A11.671.270.....Dopaminergic Neurons
A11.671.285.....GABAergic Neurons
A11.671.322.....Grid Cells
A11.671.358.....Interneurons
A11.671.358.050.....Amacrine Cells
A11.671.358.212.....Commissural Interneurons
A11.671.358.375.....Renshaw Cells
A11.671.358.700.....Retinal Bipolar Cells
A11.671.460.....Lewy Bodies
A11.671.487.....Mirror Neurons
A11.671.501.....Nerve Fibers
A11.671.501.075.....Adrenergic Fibers
A11.671.501.075.800.....Sympathetic Fibers, Postganglionic
A11.671.501.100.....Autonomic Fibers, Postganglionic
A11.671.501.100.700.....Parasympathetic Fibers, Postganglionic
A11.671.501.100.800.....Sympathetic Fibers, Postganglionic
A11.671.501.145.....Axons
A11.671.501.145.250.....Axon Initial Segment
A11.671.501.145.500.....Neurites
A11.671.501.145.750.....Presynaptic Terminals
A11.671.501.145.750.500.....Mossy Fibers, Hippocampal
A11.671.501.234.....Cholinergic Fibers
A11.671.501.234.060.....Autonomic Fibers, Preganglionic
A11.671.501.234.700.....Parasympathetic Fibers, Postganglionic
A11.671.501.512.....Nerve Fibers, Myelinated
A11.671.501.512.560.....Myelin Sheath
A11.671.501.512.560.550.....Neurilemma
A11.671.501.512.560.700.....Ranvier's Nodes
A11.671.501.756.....Nerve Fibers, Unmyelinated
A11.671.514.....Nerve Fibers, Myelinated
A11.671.514.553.....Myelin Sheath
A11.671.514.553.640.....Ranvier's Nodes
A11.671.543.....Neurites
A11.671.573.....Neurofibrils
A11.671.573.520.....Neurofibrillary Tangles
A11.671.650.....Neurons, Afferent
A11.671.650.250.....Hair Cells, Auditory
A11.671.650.250.250.....Hair Cells, Auditory, Inner
A11.671.650.250.315.....Hair Cells, Auditory, Outer
A11.671.650.395.....Hair Cells, Vestibular
A11.671.650.675.....Posterior Horn Cells

## 2018 MeSH Tree Hierarchy

Tree location
A11.671.650.675.800.....Substantia Gelatinosa
A11.671.650.850.....Retinal Neurons
A11.671.650.850.500.....Amacrine Cells
A11.671.650.850.625.....Photoreceptor Cells
A11.671.650.850.625.660.....Photoreceptor Cells, Invertebrate
A11.671.650.850.625.670.....Photoreceptor Cells, Vertebrate
A11.671.650.850.625.670.049.....Photoreceptor Connecting Cilium
A11.671.650.850.625.670.100.....Retinal Cone Photoreceptor Cells
A11.671.650.850.625.670.237.....Retinal Photoreceptor Cell Inner Segment
A11.671.650.850.625.670.375.....Retinal Photoreceptor Cell Outer Segment
A11.671.650.850.625.670.375.500.....Rod Cell Outer Segment
A11.671.650.850.625.670.650.....Retinal Rod Photoreceptor Cells
A11.671.650.850.625.670.650.650.....Rod Cell Outer Segment
A11.671.650.850.750.....Retinal Bipolar Cells
A11.671.650.850.875.....Retinal Ganglion Cells
A11.671.650.850.937.....Retinal Horizontal Cells
A11.671.650.915.....Sensory Receptor Cells
A11.671.650.915.500.....Chemoreceptor Cells
A11.671.650.915.500.530.....Neuroepithelial Cells
A11.671.650.915.500.530.550.....Neuroepithelial Bodies
A11.671.650.915.500.540.....Olfactory Receptor Neurons
A11.671.650.915.500.600.....Paraganglia, Nonchromaffin
A11.671.650.915.500.600.050.....Aortic Bodies
A11.671.650.915.500.600.150.....Carotid Body
A11.671.650.915.500.600.350.....Glomus Jugulare
A11.671.650.915.500.600.360.....Glomus Tympanicum
A11.671.650.915.500.800.....Taste Buds
A11.671.650.915.750.....Mechanoreceptors
A11.671.650.915.750.300.....Golgi-Mazzoni Corpuscles
A11.671.650.915.750.425.....Merkel Cells
A11.671.650.915.750.500.....Muscle Spindles
A11.671.650.915.750.600.....Neuroepithelial Cells
A11.671.650.915.750.600.350.....Hair Cells, Auditory
A11.671.650.915.750.600.350.350.....Hair Cells, Auditory, Inner
A11.671.650.915.750.600.350.365.....Hair Cells, Auditory, Outer
A11.671.650.915.750.600.675.....Hair Cells, Vestibular
A11.671.650.915.750.700.....Pacinian Corpuscles
A11.671.650.915.750.750.....Pressoreceptors
A11.671.650.915.750.780.....Pulmonary Stretch Receptors
A11.671.650.915.875.....Nociceptors
A11.671.650.915.937.....Photoreceptor Cells

## 2018 MeSH Tree Hierarchy

Tree location
A11.671.650.915.937.650.....Photoreceptor Cells, Invertebrate
A11.671.650.915.937.670.....Photoreceptor Cells, Vertebrate
A11.671.650.915.937.670.049.....Photoreceptor Connecting Cilium
A11.671.650.915.937.670.100.....Retinal Cone Photoreceptor Cells
A11.671.650.915.937.670.237.....Retinal Photoreceptor Cell Inner Segment
A11.671.650.915.937.670.375.....Retinal Photoreceptor Cell Outer Segment
A11.671.650.915.937.670.375.500.....Rod Cell Outer Segment
A11.671.650.915.937.670.650.....Retinal Rod Photoreceptor Cells
A11.671.650.915.937.670.650.650.....Rod Cell Outer Segment
A11.671.650.915.968.....Thermoreceptors
A11.671.655.....Neurons, Efferent
A11.671.655.500.....Motor Neurons
A11.671.655.500.050.....Anterior Horn Cells
A11.671.655.500.525.....Motor Neurons, Gamma
A11.671.685.....Neuropil
A11.671.685.550.....Neuropil Threads
A11.671.693.....Nissl Bodies
A11.671.738.....Nitroergic Neurons
A11.671.784.....Purkinje Cells
A11.671.790.....Pyramidal Cells
A11.671.790.500.....Place Cells
A11.671.895.....Serotonergic Neurons
A11.671.947.....Suprachiasmatic Nucleus Neurons
A11.690.....Oxyphil Cells
A11.700.....Pancreatic Stellate Cells
A11.710.....Pericytes
A11.733.....Phagocytes
A11.733.397.....Macrophages
A11.733.397.300.....Epithelioid Cells
A11.733.397.368.....Foam Cells
A11.733.397.376.....Giant Cells, Foreign-Body
A11.733.397.380.....Giant Cells, Langhans
A11.733.397.385.....Histiocytes
A11.733.397.588.....Kupffer Cells
A11.733.397.600.....Macrophages, Alveolar
A11.733.397.630.....Macrophages, Peritoneal
A11.733.397.815.....RAW 264.7 Cells
A11.733.547.....Monocytes
A11.733.547.500.....Monocytes, Activated Killer
A11.733.689.....Neutrophils
A11.750.....Plant Cells

## 2018 MeSH Tree Hierarchy

Tree location
A11.760.....Prokaryotic Cells
A11.789.....Protoplasts
A11.828.....Reed-Sternberg Cells
A11.868.....Spheroplasts
A11.870.....Spores
A11.870.700.....Spores, Bacterial
A11.870.710.....Spores, Fungal
A11.870.740.....Spores, Protozoan
A11.870.740.600.....Oocysts
A11.870.740.600.800.....Sporozoites
A11.870.740.800.....Schizonts
A11.870.740.800.500.....Merozoites
A11.870.740.900.....Trophozoites
A11.872.....Stem Cells
A11.872.040.....Adult Stem Cells
A11.872.040.250.....Adult Germline Stem Cells
A11.872.040.500.....Induced Pluripotent Stem Cells
A11.872.220.....Fetal Stem Cells
A11.872.378.....Hematopoietic Stem Cells
A11.872.378.270.....Hemangioblasts
A11.872.378.294.....Lymphoid Progenitor Cells
A11.872.378.294.500.....Precursor Cells, B-Lymphoid
A11.872.378.294.750.....Precursor Cells, T-Lymphoid
A11.872.378.294.750.800.....Thymocytes
A11.872.378.590.....Myeloid Progenitor Cells
A11.872.378.590.635.....Granulocyte-Macrophage Progenitor Cells
A11.872.378.590.635.500.....Granulocyte Precursor Cells
A11.872.378.590.635.875.....Monocyte-Macrophage Precursor Cells
A11.872.378.590.817.....Megakaryocyte-Erythroid Progenitor Cells
A11.872.378.590.817.250.....Erythroid Precursor Cells
A11.872.378.590.817.625.....Megakaryocyte Progenitor Cells
A11.872.378.795.....Peripheral Blood Stem Cells
A11.872.590.....Multipotent Stem Cells
A11.872.590.500.....Mesenchymal Stromal Cells
A11.872.620.....Myoblasts
A11.872.620.470.....Myoblasts, Cardiac
A11.872.620.500.....Myoblasts, Skeletal
A11.872.620.500.700.....Satellite Cells, Skeletal Muscle
A11.872.620.510.....Myoblasts, Smooth Muscle
A11.872.650.....Neoplastic Stem Cells
A11.872.650.500.....Embryonal Carcinoma Stem Cells

## 2018 MeSH Tree Hierarchy

Tree location	
A11.872.653.....	Neural Stem Cells
A11.872.653.500.....	Oligodendrocyte Precursor Cells
A11.872.677.....	Oogonial Stem Cells
A11.872.700.....	Pluripotent Stem Cells
A11.872.700.250.....	Embryonic Stem Cells
A11.872.700.250.130.....	Blastomeres
A11.872.700.250.260.....	Embryoid Bodies
A11.872.700.250.500.....	Embryonal Carcinoma Stem Cells
A11.872.700.250.625.....	Embryonic Germ Cells
A11.872.700.250.750.....	Human Embryonic Stem Cells
A11.872.700.250.875.....	Mouse Embryonic Stem Cells
A11.872.700.500.....	Induced Pluripotent Stem Cells
A11.872.785.....	Side-Population Cells
A11.872.870.....	Totipotent Stem Cells
A11.900.....	Thymocytes
A12.....	Fluids and Secretions
A12.098.....	Amniotic Fluid
A12.200.....	Bodily Secretions
A12.200.087.....	Bile
A12.200.147.....	Cerumen
A12.200.194.....	Colostrum
A12.200.250.....	Dander
A12.200.307.....	Gastric Juice
A12.200.307.603.....	Gastric Acid
A12.200.390.....	Intestinal Secretions
A12.200.455.....	Milk
A12.200.467.....	Milk, Human
A12.200.503.....	Mucus
A12.200.503.339.....	Cervix Mucus
A12.200.567.....	Pancreatic Juice
A12.200.666.....	Saliva
A12.200.702.....	Sebum
A12.200.732.....	Semen
A12.200.769.....	Smegma
A12.200.808.....	Sputum
A12.200.849.....	Sweat
A12.200.882.....	Tears
A12.200.935.....	Venoms
A12.200.946.....	Vernix Caseosa
A12.207.....	Body Fluids
A12.207.119.....	Ascitic Fluid



## 2018 MeSH Tree Hierarchy

Tree location
A12.207.152.....Blood
A12.207.152.200.....Fetal Blood
A12.207.152.693.....Plasma
A12.207.152.693.600.....Platelet-Rich Plasma
A12.207.152.693.600.500.....Platelet-Rich Fibrin
A12.207.152.846.....Serum
A12.207.152.846.500.....Immune Sera
A12.207.152.846.500.203.....Antilymphocyte Serum
A12.207.180.....Body Fluid Compartments
A12.207.200.....Body Water
A12.207.270.....Extracellular Fluid
A12.207.270.040.....Aqueous Humor
A12.207.270.210.....Cerebrospinal Fluid
A12.207.270.300.....Extravascular Lung Water
A12.207.270.340.....Follicular Fluid
A12.207.270.517.....Labyrinthine Fluids
A12.207.270.517.324.....Endolymph
A12.207.270.517.678.....Perilymph
A12.207.270.606.....Lymph
A12.207.270.606.350.....Chyle
A12.207.270.651.....Pericardial Fluid
A12.207.270.695.....Plasma
A12.207.270.695.600.....Platelet-Rich Plasma
A12.207.270.695.600.500.....Platelet-Rich Fibrin
A12.207.270.847.....Synovial Fluid
A12.207.515.....Intracellular Fluid
A12.207.824.....Nipple Discharge
A12.207.824.500.....Nipple Aspirate Fluid
A12.207.927.....Urine
A12.383.....Exudates and Transudates
A12.383.200.....Cyst Fluid
A12.383.250.....Dentinal Fluid
A12.383.500.....Gingival Crevicular Fluid
A12.383.800.....Subretinal Fluid
A12.459.....Feces
A12.459.529.....Meconium
A12.459.764.....Melena
A12.519.....Gastrointestinal Contents
A12.580.....Hyalin
A13.....Animal Structures
A13.048.....Air Sacs

## 2018 MeSH Tree Hierarchy

Tree location	
A13.073.....	Anal Sacs
A13.075.....	Animal Fins
A13.078.....	Animal Fur
A13.079.....	Animal Scales
A13.080.....	Animal Shells
A13.093.....	Arthropod Antennae
A13.093.500.....	Sensilla
A13.114.....	Beak
A13.163.....	Bursa of Fabricius
A13.223.....	Cloaca
A13.242.....	Comb and Wattles
A13.246.....	Compound Eye, Arthropod
A13.250.....	Corpora Allata
A13.265.....	Crop, Avian
A13.316.....	Egg Shell
A13.332.....	Electric Organ
A13.350.....	Embryo, Nonmammalian
A13.350.150.....	Chick Embryo
A13.350.575.....	Chorioallantoic Membrane
A13.365.....	Fat Body
A13.370.....	Feathers
A13.395.....	Forelimb
A13.395.248.....	Carpus, Animal
A13.395.823.....	Wings, Animal
A13.408.....	Ganglia, Invertebrate
A13.421.....	Gills
A13.433.....	Gizzard, Non-avian
A13.445.....	Harderian Gland
A13.449.....	Head Kidney
A13.453.....	Hemolymph
A13.463.....	Hepatopancreas
A13.468.....	High Vocal Center
A13.473.....	Hindlimb
A13.473.683.....	Stifle
A13.473.821.....	Tarsus, Animal
A13.491.....	Hoof and Claw
A13.507.....	Horns
A13.507.288.....	Antlers
A13.518.....	Imaginal Discs
A13.530.....	Interrenal Gland
A13.564.....	Lateral Line System

## 2018 MeSH Tree Hierarchy

Tree location
A13.574.....Malpighian Tubules
A13.589.....Mammary Glands, Animal
A13.600.....Metrial Gland
A13.641.....Mushroom Bodies
A13.655.....Nematocyst
A13.660.....Nictitating Membrane
A13.686.....Optic Lobe, Nonmammalian
A13.706.....Oviducts
A13.706.500.....Fallopian Tubes
A13.734.....Perianal Glands
A13.750.....Photoreceptor Cells, Invertebrate
A13.811.....Salt Gland
A13.820.....Scent Glands
A13.853.....Stomach, Avian
A13.853.355.....Gizzard, Avian
A13.853.710.....Proventriculus
A13.869.....Stomach, Ruminant
A13.869.106.....Abomasum
A13.869.524.....Omasum
A13.869.697.....Reticulum
A13.869.804.....Rumen
A13.895.....Tail
A13.939.....Ultimobranchial Body
A13.950.....Vibrissae
A13.970.....Wool
A14.....Stomatognathic System
A14.194.....Cheek
A14.363.....Facial Muscles
A14.521.....Jaw
A14.521.125.....Alveolar Process
A14.521.125.800.....Tooth Socket
A14.521.320.....Dental Arch
A14.521.632.....Mandible
A14.521.632.300.....Chin
A14.521.632.600.....Mandibular Condyle
A14.521.645.....Maxilla
A14.521.658.....Palate
A14.521.658.660.....Palate, Hard
A14.530.....Masticatory Muscles
A14.530.630.....Masseter Muscle
A14.530.790.....Pterygoid Muscles

## 2018 MeSH Tree Hierarchy

Tree location	
A14.530.940.....	Temporal Muscle
A14.549.....	Mouth
A14.549.167.....	Dentition
A14.549.167.229.....	Dentition, Mixed
A14.549.167.237.....	Dentition, Permanent
A14.549.167.646.....	Periodontium
A14.549.167.646.094.....	Alveolar Process
A14.549.167.646.094.800.....	Tooth Socket
A14.549.167.646.267.....	Dental Cementum
A14.549.167.646.374.....	Epithelial Attachment
A14.549.167.646.480.....	Gingiva
A14.549.167.646.700.....	Periapical Tissue
A14.549.167.646.771.....	Periodontal Ligament
A14.549.167.860.....	Tooth
A14.549.167.860.150.....	Bicuspid
A14.549.167.860.200.....	Cuspid
A14.549.167.860.425.....	Incisor
A14.549.167.860.525.....	Molar
A14.549.167.860.525.500.....	Molar, Third
A14.549.167.860.700.....	Tooth, Deciduous
A14.549.167.860.700.500.....	Natal Teeth
A14.549.167.860.715.....	Tooth, Unerupted
A14.549.167.900.....	Tooth Components
A14.549.167.900.250.....	Dental Cementum
A14.549.167.900.255.....	Dental Enamel
A14.549.167.900.255.500.....	Dental Pellicle
A14.549.167.900.260.....	Dental Pulp
A14.549.167.900.265.....	Dental Pulp Cavity
A14.549.167.900.280.....	Dentin
A14.549.167.900.280.280.....	Dentin, Secondary
A14.549.167.900.700.....	Tooth Cervix
A14.549.167.900.710.....	Tooth Crown
A14.549.167.900.720.....	Tooth Germ
A14.549.167.900.720.250.....	Dental Papilla
A14.549.167.900.720.255.....	Dental Sac
A14.549.167.900.720.265.....	Enamel Organ
A14.549.167.900.750.....	Tooth Root
A14.549.167.900.750.700.....	Tooth Apex
A14.549.336.....	Lip
A14.549.336.505.....	Labial Frenum
A14.549.441.....	Mouth Floor

## 2018 MeSH Tree Hierarchy

Tree location
A14.549.512.....Mouth Mucosa
A14.549.617.....Palate
A14.549.617.623.....Palatal Muscles
A14.549.617.660.....Palate, Hard
A14.549.617.780.....Palate, Soft
A14.549.617.780.729.....Uvula
A14.549.760.....Salivary Glands
A14.549.760.464.....Parotid Gland
A14.549.760.640.....Salivary Ducts
A14.549.760.650.....Salivary Glands, Minor
A14.549.760.687.....Sublingual Gland
A14.549.760.812.....Submandibular Gland
A14.549.760.906.....von Ebner Glands
A14.549.885.....Tongue
A14.549.885.431.....Lingual Frenum
A14.549.885.779.....Taste Buds
A14.724.....Pharynx
A14.724.490.....Hypopharynx
A14.724.557.....Nasopharynx
A14.724.557.500.....Adenoids
A14.724.603.....Oropharynx
A14.724.603.925.....Palatine Tonsil
A14.724.617.....Pharyngeal Muscles
A14.724.617.360.....Esophageal Sphincter, Upper
A14.724.617.680.....Velopharyngeal Sphincter
A14.907.....Temporomandibular Joint
A14.907.900.....Temporomandibular Joint Disc
A15.....Hemic and Immune Systems
A15.145.....Blood
A15.145.229.....Blood Cells
A15.145.229.093.....Blood Buffy Coat
A15.145.229.188.....Blood Platelets
A15.145.229.334.....Erythrocytes
A15.145.229.334.270.....Erythrocyte Membrane
A15.145.229.334.330.....Erythrocytes, Abnormal
A15.145.229.334.330.100.....Acanthocytes
A15.145.229.334.330.340.....Erythrocyte Inclusions
A15.145.229.334.330.340.335.....Heinz Bodies
A15.145.229.334.330.531.....Megaloblasts
A15.145.229.334.330.802.....Spherocytes
A15.145.229.334.760.....Reticulocytes

## 2018 MeSH Tree Hierarchy

Tree location
A15.145.229.480.....Hemocytes
A15.145.229.637.....Leukocytes
A15.145.229.637.415.....Granulocytes
A15.145.229.637.415.120.....Basophils
A15.145.229.637.415.345.....Eosinophils
A15.145.229.637.415.583.....Neutrophils
A15.145.229.637.555.....Leukocytes, Mononuclear
A15.145.229.637.555.283.....Cytokine-Induced Killer Cells
A15.145.229.637.555.283.500.....Killer Cells, Lymphokine-Activated
A15.145.229.637.555.283.750.....Monocytes, Activated Killer
A15.145.229.637.555.283.875.....T-Lymphocytes, Cytotoxic
A15.145.229.637.555.567.....Lymphocytes
A15.145.229.637.555.567.537.....Killer Cells, Natural
A15.145.229.637.555.567.537.500.....Killer Cells, Lymphokine-Activated
A15.145.229.637.555.567.550.....Lymphocyte Subsets
A15.145.229.637.555.567.550.450.....B-Lymphocyte Subsets
A15.145.229.637.555.567.550.450.300.....B-Lymphocytes, Regulatory
A15.145.229.637.555.567.550.500.....T-Lymphocyte Subsets
A15.145.229.637.555.567.550.500.050.....Intraepithelial Lymphocytes
A15.145.229.637.555.567.550.500.100.....Mucosal-Associated Invariant T Cells
A15.145.229.637.555.567.550.500.200.....T-Lymphocytes, Cytotoxic
A15.145.229.637.555.567.550.500.400.....T-Lymphocytes, Helper-Inducer
A15.145.229.637.555.567.550.500.400.500.....Th1 Cells
A15.145.229.637.555.567.550.500.400.750.....Th2 Cells
A15.145.229.637.555.567.550.500.400.770.....Th17 Cells
A15.145.229.637.555.567.550.500.700.....T-Lymphocytes, Regulatory
A15.145.229.637.555.567.562.....B-Lymphocytes
A15.145.229.637.555.567.562.200.....B-Lymphocyte Subsets
A15.145.229.637.555.567.562.200.300.....B-Lymphocytes, Regulatory
A15.145.229.637.555.567.562.725.....Plasma Cells
A15.145.229.637.555.567.569.....T-Lymphocytes
A15.145.229.637.555.567.569.200.....CD4-Positive T-Lymphocytes
A15.145.229.637.555.567.569.200.400.....T-Lymphocytes, Helper-Inducer
A15.145.229.637.555.567.569.200.400.500.....Th1 Cells
A15.145.229.637.555.567.569.200.400.750.....Th2 Cells
A15.145.229.637.555.567.569.200.400.770.....Th17 Cells
A15.145.229.637.555.567.569.200.700.....T-Lymphocytes, Regulatory
A15.145.229.637.555.567.569.220.....CD8-Positive T-Lymphocytes
A15.145.229.637.555.567.569.220.200.....T-Lymphocytes, Cytotoxic
A15.145.229.637.555.567.569.360.....Natural Killer T-Cells
A15.145.229.637.555.567.569.500.....T-Lymphocyte Subsets

## 2018 MeSH Tree Hierarchy

Tree location
A15.145.229.637.555.567.569.500.050.....Intraepithelial Lymphocytes
A15.145.229.637.555.567.569.500.100.....Mucosal-Associated Invariant T Cells
A15.145.229.637.555.567.569.500.200.....T-Lymphocytes, Cytotoxic
A15.145.229.637.555.567.569.500.400.....T-Lymphocytes, Helper-Inducer
A15.145.229.637.555.567.569.500.400.500.....Th1 Cells
A15.145.229.637.555.567.569.500.400.750.....Th2 Cells
A15.145.229.637.555.567.569.500.400.770.....Th17 Cells
A15.145.229.637.555.567.569.500.700.....T-Lymphocytes, Regulatory
A15.145.229.637.555.567.584.....Lymphocytes, Null
A15.145.229.637.555.567.650.....Lymphocytes, Tumor-Infiltrating
A15.145.229.637.555.652.....Monocytes
A15.145.229.637.555.652.500.....Monocytes, Activated Killer
A15.145.300.....Fetal Blood
A15.145.693.....Plasma
A15.145.693.600.....Platelet-Rich Plasma
A15.145.693.600.500.....Platelet-Rich Fibrin
A15.145.846.....Serum
A15.378.....Hematopoietic System
A15.378.316.....Bone Marrow Cells
A15.378.316.340.....Granulocytes
A15.378.316.340.350.....Granulocyte Precursor Cells
A15.378.316.378.....Hematopoietic Stem Cells
A15.378.316.378.550.....Lymphoid Progenitor Cells
A15.378.316.378.590.....Myeloid Progenitor Cells
A15.378.316.378.590.675.....Granulocyte-Macrophage Progenitor Cells
A15.378.316.378.590.675.500.....Granulocyte Precursor Cells
A15.378.316.378.590.675.750.....Monocyte-Macrophage Precursor Cells
A15.378.316.378.590.837.....Megakaryocyte-Erythroid Progenitor Cells
A15.378.316.378.590.837.250.....Erythroid Precursor Cells
A15.378.316.378.590.837.250.200.....Erythroblasts
A15.378.316.378.590.837.250.200.500.....Megaloblasts
A15.378.316.378.590.837.625.....Megakaryocyte Progenitor Cells
A15.378.316.479.....Megakaryocytes
A15.378.316.580.....Monocytes
A15.378.316.790.....Reticulocytes
A15.382.....Immune System
A15.382.032.....Antibody-Producing Cells
A15.382.032.438.....B-Lymphocytes
A15.382.032.438.450.....B-Lymphocyte Subsets
A15.382.032.438.450.300.....B-Lymphocytes, Regulatory
A15.382.032.438.725.....Plasma Cells

## 2018 MeSH Tree Hierarchy

Tree location
A15.382.066.....Antigen-Presenting Cells
A15.382.066.270.....Dendritic Cells
A15.382.066.270.500.....Langerhans Cells
A15.382.066.275.....Dendritic Cells, Follicular
A15.382.216.....Bone Marrow
A15.382.250.....Enterochromaffin Cells
A15.382.370.....Immunological Synapses
A15.382.490.....Leukocytes
A15.382.490.315.....Granulocytes
A15.382.490.315.120.....Basophils
A15.382.490.315.251.....Eosinophils
A15.382.490.315.583.....Neutrophils
A15.382.490.555.....Leukocytes, Mononuclear
A15.382.490.555.283.....Cytokine-Induced Killer Cells
A15.382.490.555.283.500.....Killer Cells, Lymphokine-Activated
A15.382.490.555.283.750.....Monocytes, Activated Killer
A15.382.490.555.283.875.....T-Lymphocytes, Cytotoxic
A15.382.490.555.567.....Lymphocytes
A15.382.490.555.567.537.....Killer Cells, Natural
A15.382.490.555.567.537.500.....Killer Cells, Lymphokine-Activated
A15.382.490.555.567.550.....Lymphocyte Subsets
A15.382.490.555.567.550.300.....B-Lymphocyte Subsets
A15.382.490.555.567.550.500.....T-Lymphocyte Subsets
A15.382.490.555.567.550.500.050.....Intraepithelial Lymphocytes
A15.382.490.555.567.550.500.100.....Mucosal-Associated Invariant T Cells
A15.382.490.555.567.550.500.200.....T-Lymphocytes, Cytotoxic
A15.382.490.555.567.550.500.400.....T-Lymphocytes, Helper-Inducer
A15.382.490.555.567.550.500.400.900.....Th1 Cells
A15.382.490.555.567.550.500.400.905.....Th2 Cells
A15.382.490.555.567.550.500.400.915.....Th17 Cells
A15.382.490.555.567.550.500.700.....T-Lymphocytes, Regulatory
A15.382.490.555.567.562.....B-Lymphocytes
A15.382.490.555.567.562.450.....B-Lymphocyte Subsets
A15.382.490.555.567.562.450.300.....B-Lymphocytes, Regulatory
A15.382.490.555.567.562.725.....Plasma Cells
A15.382.490.555.567.569.....T-Lymphocytes
A15.382.490.555.567.569.200.....CD4-Positive T-Lymphocytes
A15.382.490.555.567.569.200.400.....T-Lymphocytes, Helper-Inducer
A15.382.490.555.567.569.200.400.900.....Th1 Cells
A15.382.490.555.567.569.200.400.905.....Th2 Cells
A15.382.490.555.567.569.200.400.915.....Th17 Cells



## 2018 MeSH Tree Hierarchy

Tree location
A15.382.490.555.567.569.200.700.....T-Lymphocytes, Regulatory
A15.382.490.555.567.569.220.....CD8-Positive T-Lymphocytes
A15.382.490.555.567.569.220.200.....T-Lymphocytes, Cytotoxic
A15.382.490.555.567.569.440.....Jurkat Cells
A15.382.490.555.567.569.470.....Natural Killer T-Cells
A15.382.490.555.567.569.500.....T-Lymphocyte Subsets
A15.382.490.555.567.569.500.050.....Intraepithelial Lymphocytes
A15.382.490.555.567.569.500.100.....Mucosal-Associated Invariant T Cells
A15.382.490.555.567.569.500.200.....T-Lymphocytes, Cytotoxic
A15.382.490.555.567.569.500.400.....T-Lymphocytes, Helper-Inducer
A15.382.490.555.567.569.500.400.900.....Th1 Cells
A15.382.490.555.567.569.500.400.905.....Th2 Cells
A15.382.490.555.567.569.500.400.915.....Th17 Cells
A15.382.490.555.567.569.500.700.....T-Lymphocytes, Regulatory
A15.382.490.555.567.622.....Lymphocytes, Null
A15.382.490.555.567.650.....Lymphocytes, Tumor-Infiltrating
A15.382.490.555.652.....Monocytes
A15.382.490.555.652.500.....Monocytes, Activated Killer
A15.382.520.....Lymphatic System
A15.382.520.150.....Lymph
A15.382.520.150.350.....Chyle
A15.382.520.301.....Lymphatic Vessels
A15.382.520.301.500.....Endothelium, Lymphatic
A15.382.520.301.750.....Thoracic Duct
A15.382.520.604.....Lymphoid Tissue
A15.382.520.604.100.....Adenoids
A15.382.520.604.114.....Bursa of Fabricius
A15.382.520.604.412.....Lymph Nodes
A15.382.520.604.412.500.....Germinal Center
A15.382.520.604.412.500.200.....Dendritic Cells, Follicular
A15.382.520.604.412.750.....Sentinel Lymph Node
A15.382.520.604.580.....Palatine Tonsil
A15.382.520.604.600.....Peyer's Patches
A15.382.520.604.700.....Spleen
A15.382.520.604.725.....Tertiary Lymphoid Structures
A15.382.520.604.750.....Thymus Gland
A15.382.652.....Mast Cells
A15.382.680.....Phagocytes
A15.382.680.397.....Macrophages
A15.382.680.397.300.....Epithelioid Cells
A15.382.680.397.368.....Foam Cells

## 2018 MeSH Tree Hierarchy

Tree location	
A15.382.680.397.376.....	Giant Cells, Foreign-Body
A15.382.680.397.380.....	Giant Cells, Langhans
A15.382.680.397.385.....	Histiocytes
A15.382.680.397.588.....	Kupffer Cells
A15.382.680.397.600.....	Macrophages, Alveolar
A15.382.680.397.630.....	Macrophages, Peritoneal
A15.382.680.547.....	Monocytes
A15.382.680.547.500.....	Monocytes, Activated Killer
A15.382.680.689.....	Neutrophils
A15.382.812.....	Mononuclear Phagocyte System
A15.382.812.260.....	Dendritic Cells
A15.382.812.260.500.....	Langerhans Cells
A15.382.812.522.....	Macrophages
A15.382.812.522.300.....	Epithelioid Cells
A15.382.812.522.368.....	Foam Cells
A15.382.812.522.376.....	Giant Cells, Foreign-Body
A15.382.812.522.380.....	Giant Cells, Langhans
A15.382.812.522.385.....	Histiocytes
A15.382.812.522.588.....	Kupffer Cells
A15.382.812.522.600.....	Macrophages, Alveolar
A15.382.812.522.630.....	Macrophages, Peritoneal
A15.382.812.547.....	Monocytes
A15.382.812.547.500.....	Monocytes, Activated Killer
A16.....	Embryonic Structures
A16.094.....	Blastomeres
A16.142.....	Branchial Region
A16.166.....	Cleavage Stage, Ovum
A16.178.....	Cloaca
A16.254.....	Embryo, Mammalian
A16.254.500.....	Blastocyst
A16.254.500.533.....	Blastocyst Inner Cell Mass
A16.254.500.766.....	Trophoblasts
A16.254.750.....	Extraembryonic Membranes
A16.254.750.147.....	Allantois
A16.254.750.277.....	Amnion
A16.254.750.473.....	Chorion
A16.254.750.473.200.....	Chorionic Villi
A16.254.750.981.....	Yolk Sac
A16.331.....	Embryo, Nonmammalian
A16.331.024.....	Blastoderm
A16.331.042.....	Blastodisc

## 2018 MeSH Tree Hierarchy

Tree location	
A16.331.099.....	Blastula
A16.331.200.....	Chick Embryo
A16.331.400.....	Chorioallantoic Membrane
A16.331.800.....	Yolk Sac
A16.378.....	Fetus
A16.378.099.....	Aborted Fetus
A16.378.149.....	Amniotic Fluid
A16.378.200.....	Fetal Blood
A16.378.303.....	Fetal Heart
A16.378.303.395.....	Ductus Arteriosus
A16.378.303.662.....	Endocardial Cushions
A16.378.303.930.....	Truncus Arteriosus
A16.378.529.....	Meconium
A16.378.693.....	Umbilical Cord
A16.378.693.641.....	Umbilical Arteries
A16.378.693.807.....	Umbilical Veins
A16.378.857.....	Vernix Caseosa
A16.441.....	Gastrula
A16.504.....	Germ Layers
A16.504.273.....	Ectoderm
A16.504.407.....	Endoderm
A16.504.660.....	Mesoderm
A16.504.660.600.....	Pericytes
A16.504.660.750.....	Somites
A16.535.....	Gestational Sac
A16.551.....	Gubernaculum
A16.567.....	Limb Buds
A16.599.....	Mesonephros
A16.615.....	Morula
A16.623.....	Mullerian Ducts
A16.627.....	Neural Crest
A16.629.....	Neural Plate
A16.630.....	Neural Tube
A16.660.....	Notochord
A16.675.....	Organizers, Embryonic
A16.690.....	Ovum
A16.690.325.....	Egg Yolk
A16.690.886.....	Vitelline Membrane
A16.690.900.....	Zona Pellucida
A16.710.....	Placenta
A16.710.189.....	Chorionic Villi

## 2018 MeSH Tree Hierarchy

Tree location
A16.710.289.....Decidua
A16.710.289.500.....Deciduoma
A16.710.802.....Trophoblasts
A16.830.....Primitive Streak
A16.835.....Pronephros
A16.835.400.....Head Kidney
A16.890.....Urachus
A16.920.....Vitelline Duct
A16.935.....Wolffian Ducts
A16.950.....Zygote
A17.....Integumentary System
A17.360.....Hair
A17.360.148.....Animal Fur
A17.360.296.....Eyebrows
A17.360.421.....Eyelashes
A17.360.710.....Hair Follicle
A17.360.855.....Wool
A17.600.....Nails
A17.815.....Skin
A17.815.180.....Dermis
A17.815.180.040.....Acellular Dermis
A17.815.250.....Epidermis
A17.815.250.500.....Hair Follicle
A17.815.805.....Sebaceous Glands
A17.815.830.....Sweat Glands
A17.815.830.206.....Apocrine Glands
A17.815.830.480.....Eccrine Glands
A17.907.....Animal Scales
A18.....Plant Structures
A18.005.....Chromosomes, Plant
A18.024.....Plant Components, Aerial
A18.024.249.....Flowering Tops
A18.024.249.500.....Flowers
A18.024.249.500.249.....Germ Cells, Plant
A18.024.249.500.249.249.....Ovule
A18.024.249.500.249.500.....Pollen
A18.024.249.500.249.500.500.....Pollen Tube
A18.024.249.500.624.....Inflorescence
A18.024.500.....Fruit
A18.024.500.500.....Nuts
A18.024.500.750.....Seeds

## 2018 MeSH Tree Hierarchy

Tree location	
A18.024.500.750.333.....	Cotyledon
A18.024.500.750.500.....	Edible Grain
A18.024.500.750.666.....	Endosperm
A18.024.750.....	Plant Epidermis
A18.024.750.200.....	Plant Bark
A18.024.750.650.....	Plant Stomata
A18.024.750.825.....	Trichomes
A18.024.812.....	Plant Leaves
A18.024.812.324.....	Mesophyll Cells
A18.024.812.650.....	Plant Stomata
A18.024.812.700.....	Pulvinus
A18.024.875.....	Plant Shoots
A18.024.875.500.....	Cotyledon
A18.024.875.750.....	Hypocotyl
A18.024.875.875.....	Meristem
A18.024.875.875.500.....	Cambium
A18.024.937.....	Plant Stems
A18.024.937.249.....	Hypocotyl
A18.024.937.500.....	Meristem
A18.024.937.750.....	Rhizome
A18.400.....	Plant Roots
A18.400.500.....	Meristem
A18.400.500.299.....	Cambium
A18.400.500.600.....	Plant Root Cap
A18.400.525.....	Mycorrhizae
A18.400.625.....	Plant Tubers
A18.400.750.....	Rhizome
A18.400.875.....	Root Nodules, Plant
A18.450.....	Plant Vascular Bundle
A18.450.250.....	Phloem
A18.450.500.....	Xylem
A18.450.500.500.....	Wood
A18.550.....	Seedlings
A18.550.500.....	Hypocotyl
A18.560.....	Sporangia
A19.....	Fungal Structures
A19.311.....	Chromosomes, Fungal
A19.311.800.....	Chromosomes, Artificial, Yeast
A19.374.....	Fruiting Bodies, Fungal
A19.374.500.....	Spores, Fungal
A19.530.....	Fungal Capsules

## 2018 MeSH Tree Hierarchy

Tree location
A19.687.....Mycelium
A19.687.400.....Hyphae
A19.690.....Mycorrhizae
A19.800.....Sporangia
A20.....Bacterial Structures
A20.186.....Bacterial Capsules
A20.374.....Bacterial Chromatophores
A20.812.....Chromosomes, Bacterial
A20.812.170.....Chromosomes, Artificial, Bacterial
A20.843.....Fimbriae, Bacterial
A20.859.....Magnetosomes
A20.867.....Pili, Sex
A20.871.....Purple Membrane
A20.873.....Ribosome Subunits, Large, Bacterial
A20.874.....Ribosome Subunits, Small, Bacterial
A21.....Viral Structures
A21.249.....Virion
A21.249.500.....Nucleocapsid
A21.249.500.250.....Capsid
B01.....Eukaryota
B01.043.....Alveolata
B01.043.075.....Apicomplexa
B01.043.075.189.....Coccidia
B01.043.075.189.250.....Eimeriida
B01.043.075.189.250.150.....Cryptosporidiidae
B01.043.075.189.250.150.160.....Cryptosporidium
B01.043.075.189.250.150.160.170.....Cryptosporidium parvum
B01.043.075.189.250.250.....Eimeriidae
B01.043.075.189.250.250.200.....Cyclospora
B01.043.075.189.250.250.250.....Eimeria
B01.043.075.189.250.250.250.250.....Eimeria tenella
B01.043.075.189.250.250.400.....Isospora
B01.043.075.189.250.750.....Sarcocystidae
B01.043.075.189.250.750.550.....Neospora
B01.043.075.189.250.750.750.....Sarcocystis
B01.043.075.189.250.750.800.....Toxoplasma
B01.043.075.189.275.....Eucoccidiida
B01.043.075.380.....Haemosporida
B01.043.075.380.611.....Plasmodium
B01.043.075.380.611.461.....Plasmodium berghei
B01.043.075.380.611.490.....Plasmodium chabaudi

## 2018 MeSH Tree Hierarchy

Tree location	
B01.043.075.380.611.505.....	Plasmodium cynomolgi
B01.043.075.380.611.561.....	Plasmodium falciparum
B01.043.075.380.611.576.....	Plasmodium gallinaceum
B01.043.075.380.611.610.....	Plasmodium knowlesi
B01.043.075.380.611.661.....	Plasmodium malariae
B01.043.075.380.611.700.....	Plasmodium ovale
B01.043.075.380.611.761.....	Plasmodium vivax
B01.043.075.380.611.780.....	Plasmodium yoelii
B01.043.075.600.....	Piroplasmia
B01.043.075.600.580.....	Piroplasmida
B01.043.075.600.580.070.....	Babesia
B01.043.075.600.580.070.100.....	Babesia bovis
B01.043.075.600.580.070.550.....	Babesia microti
B01.043.075.600.580.700.....	Theileria
B01.043.075.600.580.700.100.....	Theileria annulata
B01.043.075.600.580.700.500.....	Theileria parva
B01.043.185.....	Ciliophora
B01.043.185.375.....	Kinetofragminophorea
B01.043.185.375.650.....	Trichostomatida
B01.043.185.375.650.650.....	Trichostomatina
B01.043.185.375.650.650.153.....	Balantidium
B01.043.185.650.....	Oligohymenophorea
B01.043.185.650.375.....	Hymenostomatida
B01.043.185.650.375.550.....	Peniculina
B01.043.185.650.375.550.637.....	Paramecium
B01.043.185.650.375.550.637.074.....	Paramecium aurelia
B01.043.185.650.375.550.637.150.....	Paramecium caudatum
B01.043.185.650.375.550.637.700.....	Paramecium tetraurelia
B01.043.185.650.375.750.....	Tetrahymena
B01.043.185.650.375.750.850.....	Tetrahymena
B01.043.185.650.375.750.850.700.....	Tetrahymena pyriformis
B01.043.185.650.375.750.850.875.....	Tetrahymena thermophila
B01.043.185.700.....	Polymenophorea
B01.043.185.700.400.....	Hypotrichida
B01.043.185.700.400.750.....	Sporadotrichina
B01.043.185.700.400.750.375.....	Euplotes
B01.043.185.700.400.750.600.....	Oxytricha
B01.043.214.....	Dinoflagellida
B01.043.214.600.....	Pfiesteria piscicida
B01.046.....	Amoebozoa
B01.046.060.....	Archamoebae

## 2018 MeSH Tree Hierarchy

Tree location
B01.046.090.....Balamuthia mandrillaris
B01.046.500.....Lobosea
B01.046.500.100.....Amoebida
B01.046.500.100.075.....Acanthopodina
B01.046.500.100.075.080.....Acanthamoeba
B01.046.500.100.075.080.150.....Acanthamoeba castellanii
B01.046.500.100.200.....Blastocystina
B01.046.500.100.200.200.....Blastocystis
B01.046.500.100.200.200.375.....Blastocystis hominis
B01.046.500.100.700.....Tubulina
B01.046.500.100.700.089.....Amoeba
B01.046.500.100.700.325.....Endolimax
B01.046.500.100.700.335.....Entamoeba
B01.046.500.100.700.335.330.....Entamoeba histolytica
B01.046.500.100.700.430.....Hartmannella
B01.046.500.700.....Schizopyrenida
B01.046.500.700.710.....Naegleria
B01.046.500.700.710.375.....Naegleria fowleri
B01.046.550.....Mycetozoa
B01.046.550.200.....Dictyosteliida
B01.046.550.200.300.....Dictyostelium
B01.046.550.550.....Myxomycetes
B01.046.550.550.600.....Physarida
B01.046.550.550.600.700.....Physarum
B01.046.550.550.600.700.550.....Physarum polycephalum
B01.050.....Animals
B01.050.050.....Animal Population Groups
B01.050.050.116.....Animals, Domestic
B01.050.050.116.500.....Livestock
B01.050.050.116.600.....Pets
B01.050.050.116.625.....Poultry
B01.050.050.126.....Animals, Exotic
B01.050.050.136.....Animals, Genetically Modified
B01.050.050.136.500.....Mice, Transgenic
B01.050.050.136.500.500.....Mice, Knockout
B01.050.050.136.500.500.500.....Mice, Knockout, ApoE
B01.050.050.136.700.....Rats, Transgenic
B01.050.050.199.....Animals, Laboratory
B01.050.050.199.520.....Animals, Inbred Strains
B01.050.050.199.520.040.....Animals, Congenic
B01.050.050.199.520.040.500.....Mice, Congenic



## 2018 MeSH Tree Hierarchy

Tree location	
B01.050.050.199.520.520.....	Mice, Inbred Strains
B01.050.050.199.520.520.200.....	Mice, Hairless
B01.050.050.199.520.520.300.....	Mice, Inbred A
B01.050.050.199.520.520.318.....	Mice, Inbred AKR
B01.050.050.199.520.520.338.....	Mice, Inbred BALB C
B01.050.050.199.520.520.388.....	Mice, Inbred C3H
B01.050.050.199.520.520.420.....	Mice, Inbred C57BL
B01.050.050.199.520.520.420.500.....	Mice, Inbred mdx
B01.050.050.199.520.520.440.....	Mice, Inbred CBA
B01.050.050.199.520.520.445.....	Mice, Inbred CFTR
B01.050.050.199.520.520.500.....	Mice, Inbred DBA
B01.050.050.199.520.520.510.....	Mice, Inbred ICR
B01.050.050.199.520.520.555.....	Mice, Inbred MRL lpr
B01.050.050.199.520.520.565.....	Mice, Inbred NOD
B01.050.050.199.520.520.580.....	Mice, Inbred NZB
B01.050.050.199.520.520.600.....	Mice, Inbred SENCAR
B01.050.050.199.520.760.....	Rats, Inbred Strains
B01.050.050.199.520.760.080.....	Rats, Inbred ACI
B01.050.050.199.520.760.090.....	Rats, Inbred BB
B01.050.050.199.520.760.110.....	Rats, Inbred BN
B01.050.050.199.520.760.130.....	Rats, Inbred BUF
B01.050.050.199.520.760.165.....	Rats, Inbred Dahl
B01.050.050.199.520.760.200.....	Rats, Inbred F344
B01.050.050.199.520.760.275.....	Rats, Inbred LEC
B01.050.050.199.520.760.280.....	Rats, Inbred Lew
B01.050.050.199.520.760.290.....	Rats, Inbred OLETF
B01.050.050.199.520.760.300.....	Rats, Inbred SHR
B01.050.050.199.520.760.360.....	Rats, Inbred WF
B01.050.050.199.520.760.390.....	Rats, Inbred WKY
B01.050.050.282.....	Animals, Newborn
B01.050.050.284.....	Animals, Outbred Strains
B01.050.050.286.....	Animals, Poisonous
B01.050.050.286.500.....	Fishes, Poisonous
B01.050.050.293.....	Animals, Suckling
B01.050.050.300.....	Animals, Wild
B01.050.050.448.....	Animals, Zoo
B01.050.050.565.....	Endangered Species
B01.050.050.580.....	Introduced Species
B01.050.150.....	Chordata
B01.050.150.200.....	Chordata, Nonvertebrate
B01.050.150.200.199.....	Cephalochordata

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.200.199.500.....Lancelets
B01.050.150.200.400.....Hyperotreti
B01.050.150.200.400.380.....Hagfishes
B01.050.150.200.727.....Urochordata
B01.050.150.200.727.300.....Ciona intestinalis
B01.050.150.900.....Vertebrates
B01.050.150.900.090.....Amphibians
B01.050.150.900.090.180.....Anura
B01.050.150.900.090.180.210.....Bufonidae
B01.050.150.900.090.180.210.080.....Bufo arenarum
B01.050.150.900.090.180.210.108.....Bufo bufo
B01.050.150.900.090.180.210.580.....Bufo marinus
B01.050.150.900.090.180.610.....Pipidae
B01.050.150.900.090.180.610.500.....Xenopus
B01.050.150.900.090.180.610.500.562.....Xenopus laevis
B01.050.150.900.090.180.708.....Ranidae
B01.050.150.900.090.180.708.180.....Rana catesbeiana
B01.050.150.900.090.180.708.210.....Rana clamitans
B01.050.150.900.090.180.708.240.....Rana esculenta
B01.050.150.900.090.180.708.310.....Rana pipiens
B01.050.150.900.090.180.708.360.....Rana ridibunda
B01.050.150.900.090.180.708.420.....Rana temporaria
B01.050.150.900.090.608.....Urodela
B01.050.150.900.090.608.080.....Ambystomatidae
B01.050.150.900.090.608.080.068.....Ambystoma
B01.050.150.900.090.608.080.068.525.....Ambystoma mexicanum
B01.050.150.900.090.608.630.....Proteidae
B01.050.150.900.090.608.630.510.....Necturus
B01.050.150.900.090.608.630.510.508.....Necturus maculosus
B01.050.150.900.090.608.700.....Salamandridae
B01.050.150.900.090.608.700.500.....Notophthalmus
B01.050.150.900.090.608.700.500.480.....Notophthalmus viridescens
B01.050.150.900.090.608.700.540.....Pleurodeles
B01.050.150.900.090.608.700.610.....Salamandra
B01.050.150.900.090.608.700.670.....Triturus
B01.050.150.900.248.....Birds
B01.050.150.900.248.050.....Anseriformes
B01.050.150.900.248.050.200.....Ducks
B01.050.150.900.248.050.350.....Geese
B01.050.150.900.248.150.....Charadriiformes
B01.050.150.900.248.165.....Columbiformes

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.248.165.150.....Columbidae
B01.050.150.900.248.350.....Galliformes
B01.050.150.900.248.350.150.....Chickens
B01.050.150.900.248.350.650.....Quail
B01.050.150.900.248.350.650.300.....Colinus
B01.050.150.900.248.350.650.350.....Coturnix
B01.050.150.900.248.350.800.....Turkeys
B01.050.150.900.248.600.....Palaeognathae
B01.050.150.900.248.600.200.....Dromaiidae
B01.050.150.900.248.600.750.....Rheiformes
B01.050.150.900.248.600.800.....Struthioniformes
B01.050.150.900.248.617.....Poultry
B01.050.150.900.248.617.192.....Chickens
B01.050.150.900.248.617.345.....Ducks
B01.050.150.900.248.617.492.....Geese
B01.050.150.900.248.617.800.....Turkeys
B01.050.150.900.248.620.....Passeriformes
B01.050.150.900.248.620.750.....Songbirds
B01.050.150.900.248.620.750.150.....Crows
B01.050.150.900.248.620.750.250.....Finches
B01.050.150.900.248.620.750.250.150.....Canaries
B01.050.150.900.248.620.750.700.....Sparrows
B01.050.150.900.248.620.750.712.....Starlings
B01.050.150.900.248.620.750.725.....Swallows
B01.050.150.900.248.710.....Psittaciformes
B01.050.150.900.248.710.251.....Cockatoos
B01.050.150.900.248.710.672.....Parrots
B01.050.150.900.248.710.672.040.....Agapornis
B01.050.150.900.248.710.672.050.....Amazona
B01.050.150.900.248.710.672.650.....Parakeets
B01.050.150.900.248.710.672.650.500.....Melopsittacus
B01.050.150.900.248.710.672.650.650.....Psittacula
B01.050.150.900.248.815.....Raptors
B01.050.150.900.248.815.350.....Falconiformes
B01.050.150.900.248.815.350.200.....Eagles
B01.050.150.900.248.815.350.400.....Hawks
B01.050.150.900.248.815.550.....Strigiformes
B01.050.150.900.248.860.....Spheniscidae
B01.050.150.900.493.....Fishes
B01.050.150.900.493.039.....Batrachoidiformes
B01.050.150.900.493.080.....Catfishes

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.493.080.148.....Ictaluridae
B01.050.150.900.493.130.....Characiformes
B01.050.150.900.493.130.150.....Characidae
B01.050.150.900.493.200.....Cypriniformes
B01.050.150.900.493.200.244.....Cyprinidae
B01.050.150.900.493.200.244.248.....Carp
B01.050.150.900.493.200.244.248.480.....Goldfish
B01.050.150.900.493.200.244.828.....Zebrafish
B01.050.150.900.493.338.....Eels
B01.050.150.900.493.338.282.....Anguilla
B01.050.150.900.493.370.....Elasmobranchii
B01.050.150.900.493.370.853.....Sharks
B01.050.150.900.493.370.853.392.....Dogfish
B01.050.150.900.493.370.853.392.800.....Squalus
B01.050.150.900.493.370.853.392.800.500.....Squalus acanthias
B01.050.150.900.493.370.870.....Skates (Fish)
B01.050.150.900.493.370.935.....Torpedo
B01.050.150.900.493.378.....Electric Fish
B01.050.150.900.493.378.430.....Gymnotiformes
B01.050.150.900.493.378.430.250.....Electrophorus
B01.050.150.900.493.378.682.....Skates (Fish)
B01.050.150.900.493.378.722.....Torpedo
B01.050.150.900.493.385.....Esociformes
B01.050.150.900.493.385.300.....Esocidae
B01.050.150.900.493.385.850.....Umbridae
B01.050.150.900.493.392.....Fishes, Poisonous
B01.050.150.900.493.418.....Flatfishes
B01.050.150.900.493.418.438.....Flounder
B01.050.150.900.493.467.....Gadiformes
B01.050.150.900.493.467.400.....Gadus morhua
B01.050.150.900.493.516.....Hagfishes
B01.050.150.900.493.559.....Lampreys
B01.050.150.900.493.559.600.....Petromyzon
B01.050.150.900.493.595.....Osmeriformes
B01.050.150.900.493.602.....Perciformes
B01.050.150.900.493.602.105.....Bass
B01.050.150.900.493.602.200.....Cichlids
B01.050.150.900.493.602.200.800.....Tilapia
B01.050.150.900.493.602.600.....Perches
B01.050.150.900.493.602.750.....Sea Bream
B01.050.150.900.493.602.825.....Tuna

## 2018 MeSH Tree Hierarchy

Tree location	
B01.050.150.900.493.817.....	Salmoniformes
B01.050.150.900.493.817.750.....	Salmonidae
B01.050.150.900.493.817.750.705.....	Salmon
B01.050.150.900.493.817.750.705.580.....	Oncorhynchus
B01.050.150.900.493.817.750.705.580.400.....	Oncorhynchus keta
B01.050.150.900.493.817.750.705.580.410.....	Oncorhynchus kisutch
B01.050.150.900.493.817.750.705.790.....	Salmo salar
B01.050.150.900.493.817.750.825.....	Trout
B01.050.150.900.493.817.750.825.580.....	Oncorhynchus
B01.050.150.900.493.817.750.825.580.600.....	Oncorhynchus mykiss
B01.050.150.900.493.850.....	Smegmamorpha
B01.050.150.900.493.850.139.....	Beloniformes
B01.050.150.900.493.850.139.650.....	Oryzias
B01.050.150.900.493.850.280.....	Cyprinodontiformes
B01.050.150.900.493.850.280.214.....	Fundulidae
B01.050.150.900.493.850.280.500.....	Killifishes
B01.050.150.900.493.850.280.680.....	Poecilia
B01.050.150.900.493.875.....	Tetraodontiformes
B01.050.150.900.493.875.800.....	Takifugu
B01.050.150.900.649.....	Mammals
B01.050.150.900.649.313.....	Eutheria
B01.050.150.900.649.313.500.....	Artiodactyla
B01.050.150.900.649.313.500.190.....	Camelidae
B01.050.150.900.649.313.500.190.090.....	Camelids, New World
B01.050.150.900.649.313.500.190.180.....	Camelus
B01.050.150.900.649.313.500.380.....	Ruminants
B01.050.150.900.649.313.500.380.100.....	Antelopes
B01.050.150.900.649.313.500.380.120.....	Bison
B01.050.150.900.649.313.500.380.135.....	Buffaloes
B01.050.150.900.649.313.500.380.271.....	Cattle
B01.050.150.900.649.313.500.380.373.....	Deer
B01.050.150.900.649.313.500.380.373.322.....	Muntjacs
B01.050.150.900.649.313.500.380.373.644.....	Reindeer
B01.050.150.900.649.313.500.380.443.....	Giraffes
B01.050.150.900.649.313.500.380.513.....	Goats
B01.050.150.900.649.313.500.380.513.500.....	Rupicapra
B01.050.150.900.649.313.500.380.791.....	Sheep
B01.050.150.900.649.313.500.380.791.100.....	Sheep, Bighorn
B01.050.150.900.649.313.500.380.791.150.....	Sheep, Domestic
B01.050.150.900.649.313.500.880.....	Swine
B01.050.150.900.649.313.500.880.399.....	Sus scrofa

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.649.313.500.880.399.800.....Swine, Miniature
B01.050.150.900.649.313.750.....Carnivora
B01.050.150.900.649.313.750.377.....Feliformia
B01.050.150.900.649.313.750.377.500.....Eupleridae
B01.050.150.900.649.313.750.377.750.....Felidae
B01.050.150.900.649.313.750.377.750.030.....Acinonyx
B01.050.150.900.649.313.750.377.750.250.....Felis
B01.050.150.900.649.313.750.377.750.250.125.....Cats
B01.050.150.900.649.313.750.377.750.500.....Lynx
B01.050.150.900.649.313.750.377.750.600.....Panthera
B01.050.150.900.649.313.750.377.750.600.500.....Lions
B01.050.150.900.649.313.750.377.750.600.800.....Tigers
B01.050.150.900.649.313.750.377.750.630.....Puma
B01.050.150.900.649.313.750.377.875.....Herpestidae
B01.050.150.900.649.313.750.377.937.....Hyaenidae
B01.050.150.900.649.313.750.377.968.....Nandiniidae
B01.050.150.900.649.313.750.377.984.....Viverridae
B01.050.150.900.649.313.750.600.....Caniformia
B01.050.150.900.649.313.750.600.108.....Ailuridae
B01.050.150.900.649.313.750.600.216.....Canidae
B01.050.150.900.649.313.750.600.216.150.....Coyotes
B01.050.150.900.649.313.750.600.216.200.....Dogs
B01.050.150.900.649.313.750.600.216.250.....Foxes
B01.050.150.900.649.313.750.600.216.400.....Jackals
B01.050.150.900.649.313.750.600.216.700.....Raccoon Dogs
B01.050.150.900.649.313.750.600.216.900.....Wolves
B01.050.150.900.649.313.750.600.288.....Fur Seals
B01.050.150.900.649.313.750.600.479.....Mephitidae
B01.050.150.900.649.313.750.600.575.....Mustelidae
B01.050.150.900.649.313.750.600.575.350.....Ferrets
B01.050.150.900.649.313.750.600.575.500.....Mink
B01.050.150.900.649.313.750.600.575.600.....Otters
B01.050.150.900.649.313.750.600.623.....Procyonidae
B01.050.150.900.649.313.750.600.623.700.....Raccoons
B01.050.150.900.649.313.750.600.670.....Sea Lions
B01.050.150.900.649.313.750.600.700.....Seals, Earless
B01.050.150.900.649.313.750.600.700.600.....Phoca
B01.050.150.900.649.313.750.600.761.....Ursidae
B01.050.150.900.649.313.750.600.821.....Walruses
B01.050.150.900.649.313.875.....Cetacea
B01.050.150.900.649.313.875.267.....Dolphins

## 2018 MeSH Tree Hierarchy

Tree location	
B01.050.150.900.649.313.875.267.100.....	Bottle-Nosed Dolphin
B01.050.150.900.649.313.875.267.150.....	Common Dolphins
B01.050.150.900.649.313.875.267.750.....	Stenella
B01.050.150.900.649.313.875.267.900.....	Whale, Killer
B01.050.150.900.649.313.875.267.920.....	Whales, Pilot
B01.050.150.900.649.313.875.566.....	Porpoises
B01.050.150.900.649.313.875.566.600.....	Phocoena
B01.050.150.900.649.313.875.865.....	Whales
B01.050.150.900.649.313.875.865.100.....	Balaenoptera
B01.050.150.900.649.313.875.865.100.350.....	Fin Whale
B01.050.150.900.649.313.875.865.100.500.....	Minke Whale
B01.050.150.900.649.313.875.865.110.....	Beluga Whale
B01.050.150.900.649.313.875.865.130.....	Bowhead Whale
B01.050.150.900.649.313.875.865.400.....	Humpback Whale
B01.050.150.900.649.313.875.865.750.....	Sperm Whale
B01.050.150.900.649.313.937.....	Chiroptera
B01.050.150.900.649.313.968.....	Lagomorpha
B01.050.150.900.649.313.968.400.....	Hares
B01.050.150.900.649.313.968.700.....	Rabbits
B01.050.150.900.649.313.984.....	Perissodactyla
B01.050.150.900.649.313.984.235.....	Equidae
B01.050.150.900.649.313.984.235.472.....	Horses
B01.050.150.900.649.313.988.....	Primates
B01.050.150.900.649.313.988.400.....	Haplorhini
B01.050.150.900.649.313.988.400.112.....	Catarrhini
B01.050.150.900.649.313.988.400.112.199.....	Cercopithecidae
B01.050.150.900.649.313.988.400.112.199.120.....	Cercopithecinae
B01.050.150.900.649.313.988.400.112.199.120.120.....	Cercocebus
B01.050.150.900.649.313.988.400.112.199.120.120.110.....	Cercocebus atys
B01.050.150.900.649.313.988.400.112.199.120.126.....	Cercopithecus
B01.050.150.900.649.313.988.400.112.199.120.126.110.....	Cercopithecus aethiops
B01.050.150.900.649.313.988.400.112.199.120.260.....	Erythrocebus
B01.050.150.900.649.313.988.400.112.199.120.260.260.....	Erythrocebus patas
B01.050.150.900.649.313.988.400.112.199.120.510.....	Macaca
B01.050.150.900.649.313.988.400.112.199.120.510.520.....	Macaca fascicularis
B01.050.150.900.649.313.988.400.112.199.120.510.550.....	Macaca mulatta
B01.050.150.900.649.313.988.400.112.199.120.510.560.....	Macaca nemestrina
B01.050.150.900.649.313.988.400.112.199.120.510.570.....	Macaca radiata
B01.050.150.900.649.313.988.400.112.199.120.530.....	Mandrillus
B01.050.150.900.649.313.988.400.112.199.120.610.....	Papio
B01.050.150.900.649.313.988.400.112.199.120.610.050.....	Papio anubis

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.649.313.988.400.112.199.120.610.150.....Papio cynocephalus
B01.050.150.900.649.313.988.400.112.199.120.610.400.....Papio hamadryas
B01.050.150.900.649.313.988.400.112.199.120.610.600.....Papio papio
B01.050.150.900.649.313.988.400.112.199.120.610.800.....Papio ursinus
B01.050.150.900.649.313.988.400.112.199.120.730.....Theropithecus
B01.050.150.900.649.313.988.400.112.199.150.....Colobinae
B01.050.150.900.649.313.988.400.112.199.150.150.....Colobus
B01.050.150.900.649.313.988.400.112.400.....Hominidae
B01.050.150.900.649.313.988.400.112.400.375.....Gorilla gorilla
B01.050.150.900.649.313.988.400.112.400.400.....Humans
B01.050.150.900.649.313.988.400.112.400.550.....Neanderthals
B01.050.150.900.649.313.988.400.112.400.600.....Pan paniscus
B01.050.150.900.649.313.988.400.112.400.620.....Pan troglodytes
B01.050.150.900.649.313.988.400.112.400.635.....Pongo
B01.050.150.900.649.313.988.400.112.400.635.050.....Pongo abelii
B01.050.150.900.649.313.988.400.112.400.635.650.....Pongo pygmaeus
B01.050.150.900.649.313.988.400.112.420.....Hylobatidae
B01.050.150.900.649.313.988.400.112.420.390.....Hylobates
B01.050.150.900.649.313.988.400.600.....Platyrrhini
B01.050.150.900.649.313.988.400.600.037.....Aotidae
B01.050.150.900.649.313.988.400.600.037.092.....Aotus trivirgatus
B01.050.150.900.649.313.988.400.600.075.....Atelidae
B01.050.150.900.649.313.988.400.600.075.050.....Alouattinae
B01.050.150.900.649.313.988.400.600.075.050.075.....Alouatta
B01.050.150.900.649.313.988.400.600.075.075.....Atelinae
B01.050.150.900.649.313.988.400.600.150.....Cebidae
B01.050.150.900.649.313.988.400.600.150.120.....Cebinae
B01.050.150.900.649.313.988.400.600.150.120.120.....Cebus
B01.050.150.900.649.313.988.400.600.150.150.....Callitrichinae
B01.050.150.900.649.313.988.400.600.150.150.105.....Callimico
B01.050.150.900.649.313.988.400.600.150.150.114.....Callithrix
B01.050.150.900.649.313.988.400.600.150.150.450.....Leontopithecus
B01.050.150.900.649.313.988.400.600.150.150.710.....Saguinus
B01.050.150.900.649.313.988.400.600.150.710.....Saimirinae
B01.050.150.900.649.313.988.400.600.150.710.710.....Saimiri
B01.050.150.900.649.313.988.400.600.575.....Pitheciidae
B01.050.150.900.649.313.988.400.800.....Tarsii
B01.050.150.900.649.313.988.400.800.500.....Tarsiidae
B01.050.150.900.649.313.988.700.....Strepsirhini
B01.050.150.900.649.313.988.700.200.....Cheirogaleidae
B01.050.150.900.649.313.988.700.508.....Lemuridae



## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.649.313.988.700.508.490.....Lemur
B01.050.150.900.649.313.988.700.572.....Lorisidae
B01.050.150.900.649.313.988.700.572.408.....Galago
B01.050.150.900.649.313.992.....Rodentia
B01.050.150.900.649.313.992.328.....Chinchilla
B01.050.150.900.649.313.992.373.....Cuniculidae
B01.050.150.900.649.313.992.419.....Dasypsectidae
B01.050.150.900.649.313.992.510.....Dipodomys
B01.050.150.900.649.313.992.545.....Gophers
B01.050.150.900.649.313.992.550.....Guinea Pigs
B01.050.150.900.649.313.992.600.....Mole Rats
B01.050.150.900.649.313.992.600.700.....Spalax
B01.050.150.900.649.313.992.635.....Muridae
B01.050.150.900.649.313.992.635.075.....Arvicolinae
B01.050.150.900.649.313.992.635.075.250.....Cricetinae
B01.050.150.900.649.313.992.635.075.250.250.....Cricetulus
B01.050.150.900.649.313.992.635.075.250.500.....Mesocricetus
B01.050.150.900.649.313.992.635.075.250.630.....Phodopus
B01.050.150.900.649.313.992.635.075.500.....Sigmodontinae
B01.050.150.900.649.313.992.635.075.500.510.....Peromyscus
B01.050.150.900.649.313.992.635.300.....Gerbillinae
B01.050.150.900.649.313.992.635.505.....Murinae
B01.050.150.900.649.313.992.635.505.500.....Mice
B01.050.150.900.649.313.992.635.505.500.150.....Mice, Congenic
B01.050.150.900.649.313.992.635.505.500.400.....Mice, Inbred Strains
B01.050.150.900.649.313.992.635.505.500.400.025.....Mice, 129 Strain
B01.050.150.900.649.313.992.635.505.500.400.200.....Mice, Hairless
B01.050.150.900.649.313.992.635.505.500.400.300.....Mice, Inbred A
B01.050.150.900.649.313.992.635.505.500.400.318.....Mice, Inbred AKR
B01.050.150.900.649.313.992.635.505.500.400.338.....Mice, Inbred BALB C
B01.050.150.900.649.313.992.635.505.500.400.388.....Mice, Inbred C3H
B01.050.150.900.649.313.992.635.505.500.400.420.....Mice, Inbred C57BL
B01.050.150.900.649.313.992.635.505.500.400.420.500.....Mice, Inbred mdx
B01.050.150.900.649.313.992.635.505.500.400.440.....Mice, Inbred CBA
B01.050.150.900.649.313.992.635.505.500.400.445.....Mice, Inbred CFTR
B01.050.150.900.649.313.992.635.505.500.400.500.....Mice, Inbred DBA
B01.050.150.900.649.313.992.635.505.500.400.510.....Mice, Inbred ICR
B01.050.150.900.649.313.992.635.505.500.400.555.....Mice, Inbred MRL lpr
B01.050.150.900.649.313.992.635.505.500.400.565.....Mice, Inbred NOD
B01.050.150.900.649.313.992.635.505.500.400.580.....Mice, Inbred NZB
B01.050.150.900.649.313.992.635.505.500.400.600.....Mice, Inbred SENCAR

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.649.313.992.635.505.500.550.....Mice, Mutant Strains
B01.050.150.900.649.313.992.635.505.500.550.025.....Mice, 129 Strain
B01.050.150.900.649.313.992.635.505.500.550.100.....Mice, Biozzi
B01.050.150.900.649.313.992.635.505.500.550.230.....Mice, Hairless
B01.050.150.900.649.313.992.635.505.500.550.265.....Mice, Inbred mdx
B01.050.150.900.649.313.992.635.505.500.550.430.....Mice, Jimpy
B01.050.150.900.649.313.992.635.505.500.550.455.....Mice, Knockout
B01.050.150.900.649.313.992.635.505.500.550.455.500.....Mice, Knockout, ApoE
B01.050.150.900.649.313.992.635.505.500.550.480.....Mice, Neurologic Mutants
B01.050.150.900.649.313.992.635.505.500.550.500.....Mice, Nude
B01.050.150.900.649.313.992.635.505.500.550.530.....Mice, Obese
B01.050.150.900.649.313.992.635.505.500.550.560.....Mice, Quaking
B01.050.150.900.649.313.992.635.505.500.550.780.....Mice, SCID
B01.050.150.900.649.313.992.635.505.500.800.....Mice, Transgenic
B01.050.150.900.649.313.992.635.505.500.800.500.....Mice, Knockout
B01.050.150.900.649.313.992.635.505.500.800.500.025.....Mice, 129 Strain
B01.050.150.900.649.313.992.635.505.500.800.500.512.....Mice, Knockout, ApoE
B01.050.150.900.649.313.992.635.505.700.....Rats
B01.050.150.900.649.313.992.635.505.700.400.....Rats, Inbred Strains
B01.050.150.900.649.313.992.635.505.700.400.080.....Rats, Inbred ACI
B01.050.150.900.649.313.992.635.505.700.400.090.....Rats, Inbred BB
B01.050.150.900.649.313.992.635.505.700.400.110.....Rats, Inbred BN
B01.050.150.900.649.313.992.635.505.700.400.130.....Rats, Inbred BUF
B01.050.150.900.649.313.992.635.505.700.400.165.....Rats, Inbred Dahl
B01.050.150.900.649.313.992.635.505.700.400.200.....Rats, Inbred F344
B01.050.150.900.649.313.992.635.505.700.400.275.....Rats, Inbred LEC
B01.050.150.900.649.313.992.635.505.700.400.280.....Rats, Inbred Lew
B01.050.150.900.649.313.992.635.505.700.400.290.....Rats, Inbred OLETF
B01.050.150.900.649.313.992.635.505.700.400.300.....Rats, Inbred SHR
B01.050.150.900.649.313.992.635.505.700.400.360.....Rats, Inbred WF
B01.050.150.900.649.313.992.635.505.700.400.390.....Rats, Inbred WKY
B01.050.150.900.649.313.992.635.505.700.500.....Rats, Long-Evans
B01.050.150.900.649.313.992.635.505.700.550.....Rats, Mutant Strains
B01.050.150.900.649.313.992.635.505.700.550.110.....Rats, Brattleboro
B01.050.150.900.649.313.992.635.505.700.550.308.....Rats, Gunn
B01.050.150.900.649.313.992.635.505.700.550.408.....Rats, Hairless
B01.050.150.900.649.313.992.635.505.700.550.508.....Rats, Nude
B01.050.150.900.649.313.992.635.505.700.550.700.....Rats, Zucker
B01.050.150.900.649.313.992.635.505.700.750.....Rats, Sprague-Dawley
B01.050.150.900.649.313.992.635.505.700.825.....Rats, Transgenic
B01.050.150.900.649.313.992.635.505.700.900.....Rats, Wistar

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.649.313.992.635.700.....Spalax
B01.050.150.900.649.313.992.640.....Myoxidae
B01.050.150.900.649.313.992.663.....Octodon
B01.050.150.900.649.313.992.692.....Porcupines
B01.050.150.900.649.313.992.750.....Sciuridae
B01.050.150.900.649.313.992.750.460.....Marmota
B01.050.150.900.649.313.996.....Scandentia
B01.050.150.900.649.313.996.770.....Tupaiaidae
B01.050.150.900.649.313.996.770.770.....Tupaia
B01.050.150.900.649.313.998.....Sirenia
B01.050.150.900.649.313.998.125.....Dugong
B01.050.150.900.649.313.998.750.....Trichechus
B01.050.150.900.649.313.998.750.350.....Trichechus inunguis
B01.050.150.900.649.313.998.750.500.....Trichechus manatus
B01.050.150.900.649.400.....Hyraxes
B01.050.150.900.649.473.....Insectivora
B01.050.150.900.649.473.376.....Hedgehogs
B01.050.150.900.649.473.450.....Moles
B01.050.150.900.649.473.751.....Shrews
B01.050.150.900.649.573.....Marsupialia
B01.050.150.900.649.573.500.....Macropodidae
B01.050.150.900.649.573.575.....Opossums
B01.050.150.900.649.573.575.150.....Didelphis
B01.050.150.900.649.573.575.500.....Monodelphis
B01.050.150.900.649.573.587.....Phalangeridae
B01.050.150.900.649.573.587.800.....Trichosurus
B01.050.150.900.649.573.590.....Phascolarctidae
B01.050.150.900.649.573.600.....Potoroidae
B01.050.150.900.649.627.....Monotremata
B01.050.150.900.649.627.300.....Echidna
B01.050.150.900.649.627.600.....Platypus
B01.050.150.900.649.833.....Proboscidea Mammal
B01.050.150.900.649.833.249.....Elephants
B01.050.150.900.649.833.500.....Mammoths
B01.050.150.900.649.833.525.....Mastodons
B01.050.150.900.649.900.....Xenarthra
B01.050.150.900.649.900.200.....Armadillos
B01.050.150.900.649.900.750.....Sloths
B01.050.150.900.833.....Reptiles
B01.050.150.900.833.100.....Alligators and Crocodiles
B01.050.150.900.833.150.....Dinosaurs

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.150.900.833.393.....Lizards
B01.050.150.900.833.393.500.....Iguanas
B01.050.150.900.833.672.....Snakes
B01.050.150.900.833.672.125.....Alethinophidia
B01.050.150.900.833.672.125.500.....Boidae
B01.050.150.900.833.672.125.750.....Colubridae
B01.050.150.900.833.672.125.875.....Elapidae
B01.050.150.900.833.672.125.875.225.....Bungarus
B01.050.150.900.833.672.125.875.419.....Dendroaspis
B01.050.150.900.833.672.125.875.516.....Hemachatus
B01.050.150.900.833.672.125.875.564.....Hydrophiidae
B01.050.150.900.833.672.125.875.576.....Laticauda
B01.050.150.900.833.672.125.875.588.....Coral Snakes
B01.050.150.900.833.672.125.875.612.....Naja
B01.050.150.900.833.672.125.875.612.250.....Naja haje
B01.050.150.900.833.672.125.875.612.500.....Naja naja
B01.050.150.900.833.672.125.875.806.....Ophiophagus hannah
B01.050.150.900.833.672.125.937.....Viperidae
B01.050.150.900.833.672.125.937.240.....Crotalinae
B01.050.150.900.833.672.125.937.240.250.....Agkistrodon
B01.050.150.900.833.672.125.937.240.375.....Bothrops
B01.050.150.900.833.672.125.937.240.500.....Crotalus
B01.050.150.900.833.672.125.937.240.750.....Trimeresurus
B01.050.150.900.833.672.125.937.750.....Russell's Viper
B01.050.150.900.833.848.....Turtles
B01.050.500.....Invertebrates
B01.050.500.091.....Annelida
B01.050.500.091.426.....Leeches
B01.050.500.091.426.400.....Hirudo medicinalis
B01.050.500.091.657.....Oligochaeta
B01.050.500.091.700.....Polychaeta
B01.050.500.131.....Arthropods
B01.050.500.131.166.....Arachnida
B01.050.500.131.166.132.....Acari
B01.050.500.131.166.132.419.....Mites
B01.050.500.131.166.132.419.050.....Acaridae
B01.050.500.131.166.132.419.575.....Psoroptidae
B01.050.500.131.166.132.419.600.....Pyroglyphidae
B01.050.500.131.166.132.419.600.200.....Dermatophagoides farinae
B01.050.500.131.166.132.419.600.215.....Dermatophagoides pteronyssinus
B01.050.500.131.166.132.419.750.....Sarcoptidae

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.131.166.132.419.750.800.....Sarcoptes scabiei
B01.050.500.131.166.132.419.850.....Tetranychidae
B01.050.500.131.166.132.419.875.....Trombiculidae
B01.050.500.131.166.132.419.900.....Varroidae
B01.050.500.131.166.132.832.....Ticks
B01.050.500.131.166.132.832.100.....Argasidae
B01.050.500.131.166.132.832.100.100.....Argas
B01.050.500.131.166.132.832.100.700.....Ornithodoros
B01.050.500.131.166.132.832.400.....Ixodidae
B01.050.500.131.166.132.832.400.200.....Dermacentor
B01.050.500.131.166.132.832.400.425.....Ixodes
B01.050.500.131.166.132.832.400.712.....Rhipicephalus
B01.050.500.131.166.132.832.400.712.700.....Rhipicephalus sanguineus
B01.050.500.131.166.661.....Scorpions
B01.050.500.131.166.803.....Spiders
B01.050.500.131.166.803.200.....Black Widow Spider
B01.050.500.131.166.803.600.....Brown Recluse Spider
B01.050.500.131.365.....Crustacea
B01.050.500.131.365.055.....Amphipoda
B01.050.500.131.365.060.....Anostraca
B01.050.500.131.365.060.050.....Artemia
B01.050.500.131.365.070.....Arguloida
B01.050.500.131.365.150.....Cladocera
B01.050.500.131.365.150.200.....Daphnia
B01.050.500.131.365.160.....Copepoda
B01.050.500.131.365.190.....Decapoda (Crustacea)
B01.050.500.131.365.190.050.....Anomura
B01.050.500.131.365.190.070.....Astacoidea
B01.050.500.131.365.190.110.....Brachyura
B01.050.500.131.365.190.150.....Crangonidae
B01.050.500.131.365.190.550.....Nephropidae
B01.050.500.131.365.190.615.....Palaemonidae
B01.050.500.131.365.190.625.....Palinuridae
B01.050.500.131.365.190.635.....Pandalidae
B01.050.500.131.365.190.660.....Penaeidae
B01.050.500.131.365.250.....Euphausiacea
B01.050.500.131.365.400.....Isopoda
B01.050.500.131.365.640.....Pentastomida
B01.050.500.131.365.880.....Thoracica
B01.050.500.131.450.....Horseshoe Crabs
B01.050.500.131.617.....Insecta

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.131.617.140.....Cockroaches
B01.050.500.131.617.140.100.....Blattellidae
B01.050.500.131.617.140.580.....Periplaneta
B01.050.500.131.617.412.....Hemiptera
B01.050.500.131.617.412.165.....Aphids
B01.050.500.131.617.412.420.....Heteroptera
B01.050.500.131.617.412.420.150.....Cimicidae
B01.050.500.131.617.412.420.150.100.....Bedbugs
B01.050.500.131.617.412.420.700.....Reduviidae
B01.050.500.131.617.412.420.700.850.....Triatominae
B01.050.500.131.617.412.420.700.850.600.....Panstrongylus
B01.050.500.131.617.412.420.700.850.700.....Rhodnius
B01.050.500.131.617.412.420.700.850.800.....Triatoma
B01.050.500.131.617.412.600.....Planococcus Insect
B01.050.500.131.617.485.....Isoptera
B01.050.500.131.617.576.....Lepisma
B01.050.500.131.617.678.....Orthoptera
B01.050.500.131.617.678.369.....Grasshoppers
B01.050.500.131.617.678.369.500.....Locusta migratoria
B01.050.500.131.617.678.410.....Gryllidae
B01.050.500.131.617.690.....Phthiraptera
B01.050.500.131.617.690.050.....Amblycera
B01.050.500.131.617.690.060.....Anoplura
B01.050.500.131.617.690.060.716.....Pediculus
B01.050.500.131.617.690.060.730.....Phthirus
B01.050.500.131.617.690.450.....Ischnocera
B01.050.500.131.617.720.....Pterygota
B01.050.500.131.617.720.500.....Neoptera
B01.050.500.131.617.720.500.500.....Holometabola
B01.050.500.131.617.720.500.500.375.....Coleoptera
B01.050.500.131.617.720.500.500.375.307.....Fireflies
B01.050.500.131.617.720.500.500.375.615.....Tenebrio
B01.050.500.131.617.720.500.500.375.799.....Tribolium
B01.050.500.131.617.720.500.500.375.900.....Weevils
B01.050.500.131.617.720.500.500.750.....Diptera
B01.050.500.131.617.720.500.500.750.310.....Drosophilidae
B01.050.500.131.617.720.500.500.750.310.250.....Drosophila
B01.050.500.131.617.720.500.500.750.310.250.500.....Drosophila melanogaster
B01.050.500.131.617.720.500.500.750.310.250.750.....Drosophila simulans
B01.050.500.131.617.720.500.500.750.400.....Glossinidae
B01.050.500.131.617.720.500.500.750.400.700.....Tsetse Flies

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.131.617.720.500.500.750.642.....Muscidae
B01.050.500.131.617.720.500.500.750.642.470.....Houseflies
B01.050.500.131.617.720.500.500.750.712.....Nematocera
B01.050.500.131.617.720.500.500.750.712.500.....Culicomorpha
B01.050.500.131.617.720.500.500.750.712.500.500.....Ceratopogonidae
B01.050.500.131.617.720.500.500.750.712.500.750.....Chironomidae
B01.050.500.131.617.720.500.500.750.712.500.875.....Culicidae
B01.050.500.131.617.720.500.500.750.712.500.875.100.....Aedes
B01.050.500.131.617.720.500.500.750.712.500.875.120.....Anopheles
B01.050.500.131.617.720.500.500.750.712.500.875.225.....Culex
B01.050.500.131.617.720.500.500.750.712.500.875.612.....Ochlerotatus
B01.050.500.131.617.720.500.500.750.712.500.937.....Simuliidae
B01.050.500.131.617.720.500.500.750.781.....Psychodidae
B01.050.500.131.617.720.500.500.750.781.602.....Phlebotomus
B01.050.500.131.617.720.500.500.750.797.....Sarcophagidae
B01.050.500.131.617.720.500.500.750.850.....Tephritidae
B01.050.500.131.617.720.500.500.750.850.150.....Ceratitis capitata
B01.050.500.131.617.720.500.500.875.....Hymenoptera
B01.050.500.131.617.720.500.500.875.205.....Ants
B01.050.500.131.617.720.500.500.875.387.....Bees
B01.050.500.131.617.720.500.500.875.900.....Wasps
B01.050.500.131.617.720.500.500.937.....Lepidoptera
B01.050.500.131.617.720.500.500.937.200.....Butterflies
B01.050.500.131.617.720.500.500.937.650.....Moths
B01.050.500.131.617.720.500.500.937.650.100.....Bombyx
B01.050.500.131.617.720.500.500.937.650.525.....Manduca
B01.050.500.131.617.720.500.500.937.650.700.....Spodoptera
B01.050.500.131.617.720.500.500.968.....Siphonaptera
B01.050.500.131.617.720.500.500.968.200.....Ctenocephalides
B01.050.500.131.617.720.500.500.968.800.....Tunga
B01.050.500.131.617.720.500.500.968.950.....Xenopsylla
B01.050.500.131.617.720.500.750.....Mantodea
B01.050.500.131.617.720.750.....Palaeoptera
B01.050.500.131.617.720.750.500.....Ephemeroptera
B01.050.500.131.617.720.750.750.....Odonata
B01.050.500.131.617.800.....Thysanoptera
B01.050.500.217.....Bryozoa
B01.050.500.272.....Chordata, Nonvertebrate
B01.050.500.272.199.....Cephalochordata
B01.050.500.272.199.500.....Lancelets
B01.050.500.272.400.....Hyperotreti

## 2018 MeSH Tree Hierarchy

Tree location	
B01.050.500.272.400.380.....	Hagfishes
B01.050.500.272.727.....	Urochordata
B01.050.500.272.727.300.....	Ciona intestinalis
B01.050.500.308.....	Cnidaria
B01.050.500.308.237.....	Anthozoa
B01.050.500.308.237.700.....	Renilla
B01.050.500.308.237.750.....	Sea Anemones
B01.050.500.308.361.....	Cubozoa
B01.050.500.308.485.....	Hydrozoa
B01.050.500.308.485.400.....	Hydra
B01.050.500.308.550.....	Myxozoa
B01.050.500.308.550.500.....	Myxobolus
B01.050.500.308.690.....	Scyphozoa
B01.050.500.308.690.750.....	Sea Nettle, East Coast
B01.050.500.325.....	Ctenophora
B01.050.500.408.....	Echinodermata
B01.050.500.408.560.....	Sea Cucumbers
B01.050.500.408.560.150.....	Cucumaria
B01.050.500.408.560.400.....	Holothuria
B01.050.500.408.560.700.....	Stichopus
B01.050.500.408.578.....	Sea Urchins
B01.050.500.408.578.050.....	Anthocidaris
B01.050.500.408.578.070.....	Arbacia
B01.050.500.408.578.400.....	Hemicentrotus
B01.050.500.408.578.500.....	Lytechinus
B01.050.500.408.578.600.....	Paracentrotus
B01.050.500.408.578.800.....	Strongylocentrotus
B01.050.500.408.578.800.600.....	Strongylocentrotus purpuratus
B01.050.500.408.765.....	Starfish
B01.050.500.408.765.070.....	Asterias
B01.050.500.408.765.075.....	Asterina
B01.050.500.500.....	Helminths
B01.050.500.500.132.....	Acanthocephala
B01.050.500.500.132.546.....	Moniliformis
B01.050.500.500.294.....	Nematoda
B01.050.500.500.294.100.....	Adenophorea
B01.050.500.500.294.100.275.....	Enoplida
B01.050.500.500.294.100.275.200.....	Diectophymatoidea
B01.050.500.500.294.100.275.570.....	Mermithoidea
B01.050.500.500.294.100.275.780.....	Trichuroidea
B01.050.500.500.294.100.275.780.180.....	Capillaria



## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.500.294.100.275.780.608.....Trichinella
B01.050.500.500.294.100.275.780.608.700.....Trichinella spiralis
B01.050.500.500.294.100.275.780.628.....Trichuris
B01.050.500.500.294.400.....Chromadorea
B01.050.500.500.294.400.500.....Ascaridida
B01.050.500.500.294.400.500.090.....Ascaridia
B01.050.500.500.294.400.500.100.....Ascaridoidea
B01.050.500.500.294.400.500.100.075.....Anisakis
B01.050.500.500.294.400.500.100.108.....Ascaris
B01.050.500.500.294.400.500.100.108.425.....Ascaris lumbricoides
B01.050.500.500.294.400.500.100.108.700.....Ascaris suum
B01.050.500.500.294.400.500.100.700.....Toxascaris
B01.050.500.500.294.400.500.100.780.....Toxocara
B01.050.500.500.294.400.500.100.780.225.....Toxocara canis
B01.050.500.500.294.400.750.....Oxyurida
B01.050.500.500.294.400.750.500.....Oxyuroidea
B01.050.500.500.294.400.750.500.308.....Enterobius
B01.050.500.500.294.400.875.....Rhabditida
B01.050.500.500.294.400.875.640.....Rhabdiaoidea
B01.050.500.500.294.400.875.640.680.....Strongyloides
B01.050.500.500.294.400.875.640.680.600.....Strongyloides ratti
B01.050.500.500.294.400.875.640.680.700.....Strongyloides stercoralis
B01.050.500.500.294.400.875.660.....Rhabditoidea
B01.050.500.500.294.400.875.660.250.....Caenorhabditis
B01.050.500.500.294.400.875.660.250.250.....Caenorhabditis elegans
B01.050.500.500.294.400.937.....Spirurida
B01.050.500.500.294.400.937.225.....Camallanina
B01.050.500.500.294.400.937.225.250.....Dracunculoidea
B01.050.500.500.294.400.937.225.250.250.....Dracunculus Nematode
B01.050.500.500.294.400.937.463.....Filarioidea
B01.050.500.500.294.400.937.463.043.....Acanthocheilonema
B01.050.500.500.294.400.937.463.088.....Brugia
B01.050.500.500.294.400.937.463.088.500.....Brugia malayi
B01.050.500.500.294.400.937.463.088.550.....Brugia pahangi
B01.050.500.500.294.400.937.463.208.....Dipetalonema
B01.050.500.500.294.400.937.463.230.....Dirofilaria
B01.050.500.500.294.400.937.463.230.300.....Dirofilaria immitis
B01.050.500.500.294.400.937.463.230.650.....Dirofilaria repens
B01.050.500.500.294.400.937.463.410.....Loa
B01.050.500.500.294.400.937.463.438.....Mansonella
B01.050.500.500.294.400.937.463.470.....Microfilariae

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.500.294.400.937.463.510.....Onchocerca
B01.050.500.500.294.400.937.463.510.850.....Onchocerca volvulus
B01.050.500.500.294.400.937.463.700.....Setaria Nematode
B01.050.500.500.294.400.937.463.708.....Wuchereria
B01.050.500.500.294.400.937.463.708.150.....Wuchereria bancrofti
B01.050.500.500.294.400.937.700.....Spirurina
B01.050.500.500.294.400.937.700.680.....Spiruroidea
B01.050.500.500.294.400.937.700.722.....Thelazioidea
B01.050.500.500.294.400.937.700.722.375.....Gnathostoma
B01.050.500.500.294.400.968.....Strongylida
B01.050.500.500.294.400.968.100.....Ancylostomatoidea
B01.050.500.500.294.400.968.100.100.....Ancylostoma
B01.050.500.500.294.400.968.100.550.....Necator
B01.050.500.500.294.400.968.100.550.100.....Necator americanus
B01.050.500.500.294.400.968.400.....Heligmosomatoidea
B01.050.500.500.294.400.968.400.550.....Nematospiroides
B01.050.500.500.294.400.968.400.550.275.....Nematospiroides dubius
B01.050.500.500.294.400.968.400.575.....Nippostrongylus
B01.050.500.500.294.400.968.588.....Metastrongyloidea
B01.050.500.500.294.400.968.588.080.....Angiostrongylus
B01.050.500.500.294.400.968.588.080.225.....Angiostrongylus cantonensis
B01.050.500.500.294.400.968.600.....Molineoidea
B01.050.500.500.294.400.968.600.550.....Nematodirus
B01.050.500.500.294.400.968.710.....Strongyloidea
B01.050.500.500.294.400.968.710.600.....Oesophagostomum
B01.050.500.500.294.400.968.710.700.....Strongylus
B01.050.500.500.294.400.968.746.....Trichostrongyloidea
B01.050.500.500.294.400.968.746.300.....Dictyocaulus
B01.050.500.500.294.400.968.746.410.....Haemonchus
B01.050.500.500.294.400.968.746.432.....Ostertagia
B01.050.500.500.294.400.968.746.610.....Trichostrongylus
B01.050.500.500.294.400.984.....Tylenchida
B01.050.500.500.294.400.984.825.....Tylenchoidea
B01.050.500.500.736.....Platyhelminths
B01.050.500.500.736.215.....Cestoda
B01.050.500.500.736.215.228.....Diphyllobothrium
B01.050.500.500.736.215.228.831.....Sparganum
B01.050.500.500.736.215.327.....Echinococcus
B01.050.500.500.736.215.327.400.....Echinococcus granulosus
B01.050.500.500.736.215.327.500.....Echinococcus multilocularis
B01.050.500.500.736.215.454.....Hymenolepis

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.500.736.215.454.400.....Hymenolepis diminuta
B01.050.500.500.736.215.454.410.....Hymenolepis nana
B01.050.500.500.736.215.520.....Mesocestoides
B01.050.500.500.736.215.800.....Spirometra
B01.050.500.500.736.215.800.810.....Sparganum
B01.050.500.500.736.215.895.....Taenia
B01.050.500.500.736.215.895.286.....Cysticercus
B01.050.500.500.736.215.895.643.....Taenia saginata
B01.050.500.500.736.215.895.775.....Taenia solium
B01.050.500.500.736.715.....Trematoda
B01.050.500.500.736.715.300.....Dicrocoeliidae
B01.050.500.500.736.715.300.308.....Dicrocoelium
B01.050.500.500.736.715.360.....Echinostomatidae
B01.050.500.500.736.715.360.310.....Echinostoma
B01.050.500.500.736.715.408.....Fasciolidae
B01.050.500.500.736.715.408.380.....Fasciola
B01.050.500.500.736.715.408.380.420.....Fasciola hepatica
B01.050.500.500.736.715.465.....Heterophyidae
B01.050.500.500.736.715.520.....Opisthorchidae
B01.050.500.500.736.715.520.210.....Clonorchis sinensis
B01.050.500.500.736.715.520.700.....Opisthorchis
B01.050.500.500.736.715.600.....Paramphistomatidae
B01.050.500.500.736.715.770.....Schistosomatidae
B01.050.500.500.736.715.770.680.....Schistosoma
B01.050.500.500.736.715.770.680.510.....Schistosoma haematobium
B01.050.500.500.736.715.770.680.570.....Schistosoma japonicum
B01.050.500.500.736.715.770.680.700.....Schistosoma mansoni
B01.050.500.500.736.715.800.....Troglotrematidae
B01.050.500.500.736.715.800.610.....Paragonimus
B01.050.500.500.736.715.800.610.900.....Paragonimus westermani
B01.050.500.500.736.847.....Turbellaria
B01.050.500.500.736.847.610.....Planarians
B01.050.500.500.770.....Rotifera
B01.050.500.644.....Mollusca
B01.050.500.644.080.....Bivalvia
B01.050.500.644.080.050.....Arcidae
B01.050.500.644.080.050.700.....Scapharca
B01.050.500.644.080.150.....Cardiidae
B01.050.500.644.080.175.....Corbicula
B01.050.500.644.080.225.....Dreissena
B01.050.500.644.080.500.....Mercenaria

## 2018 MeSH Tree Hierarchy

Tree location
B01.050.500.644.080.535.....Mya
B01.050.500.644.080.537.....Mytilidae
B01.050.500.644.080.537.500.....Mytilus
B01.050.500.644.080.537.500.500.....Mytilus edulis
B01.050.500.644.080.537.600.....Perna
B01.050.500.644.080.643.....Ostreidae
B01.050.500.644.080.643.150.....Crassostrea
B01.050.500.644.080.643.600.....Ostrea
B01.050.500.644.080.660.....Pectinidae
B01.050.500.644.080.660.600.....Pecten
B01.050.500.644.080.670.....Pinctada
B01.050.500.644.080.750.....Spisula
B01.050.500.644.080.850.....Unionidae
B01.050.500.644.080.850.050.....Anodonta
B01.050.500.644.080.850.850.....Unio
B01.050.500.644.116.....Cephalopoda
B01.050.500.644.116.150.....Decapodiformes
B01.050.500.644.116.150.500.....Loligo
B01.050.500.644.116.150.700.....Sepia
B01.050.500.644.116.550.....Nautilus
B01.050.500.644.116.600.....Octopodiformes
B01.050.500.644.400.....Gastropoda
B01.050.500.644.400.060.....Aplysia
B01.050.500.644.400.150.....Clione
B01.050.500.644.400.275.....Conus Snail
B01.050.500.644.400.400.....Hermisenda
B01.050.500.644.400.600.....Pleurobranchaea
B01.050.500.644.400.750.....Snails
B01.050.500.644.400.750.185.....Biomphalaria
B01.050.500.644.400.750.323.....Bulinus
B01.050.500.644.400.750.450.....Helix (Snails)
B01.050.500.644.400.750.645.....Lymnaea
B01.050.500.644.400.800.....Tritonia Sea Slug
B01.050.500.644.600.....Polyplacophora
B01.050.500.714.....Parasites
B01.050.500.740.....Placozoa
B01.050.500.802.....Porifera
B01.050.500.802.039.....Agelas
B01.050.500.802.080.....Axinella
B01.050.500.802.160.....Callyspongia
B01.050.500.802.175.....Crambe Sponge

## 2018 MeSH Tree Hierarchy

Tree location	
B01.050.500.802.200.....	Dysidea
B01.050.500.802.360.....	Geodia
B01.050.500.802.380.....	Haliclona
B01.050.500.802.650.....	Petrosia
B01.050.500.802.670.....	Plakortis
B01.050.500.802.775.....	Suberites
B01.050.500.802.785.....	Theonella
B01.050.500.802.900.....	Xestospongia
B01.050.500.901.....	Tardigrada
B01.175.....	Choanoflagellata
B01.206.....	Cryptophyta
B01.237.....	Diplomonadida
B01.237.385.....	Giardia
B01.237.385.400.....	Giardia lamblia
B01.268.....	Euglenozoa
B01.268.250.....	Euglenida
B01.268.250.320.....	Euglena
B01.268.250.320.418.....	Euglena gracilis
B01.268.250.320.500.....	Euglena longa
B01.268.475.....	Kinetoplastida
B01.268.475.868.....	Trypanosomatina
B01.268.475.868.110.....	Crithidia
B01.268.475.868.110.350.....	Crithidia fasciculata
B01.268.475.868.488.....	Leishmania
B01.268.475.868.488.080.....	Leishmania braziliensis
B01.268.475.868.488.230.....	Leishmania donovani
B01.268.475.868.488.240.....	Leishmania enriettii
B01.268.475.868.488.285.....	Leishmania guyanensis
B01.268.475.868.488.325.....	Leishmania infantum
B01.268.475.868.488.405.....	Leishmania major
B01.268.475.868.488.410.....	Leishmania mexicana
B01.268.475.868.488.680.....	Leishmania tropica
B01.268.475.868.887.....	Trypanosoma
B01.268.475.868.887.080.....	Trypanosoma brucei brucei
B01.268.475.868.887.110.....	Trypanosoma brucei gambiense
B01.268.475.868.887.115.....	Trypanosoma brucei rhodesiense
B01.268.475.868.887.128.....	Trypanosoma congolense
B01.268.475.868.887.140.....	Trypanosoma cruzi
B01.268.475.868.887.410.....	Trypanosoma lewisi
B01.268.475.868.887.680.....	Trypanosoma rangeli
B01.268.475.868.887.850.....	Trypanosoma vivax

## 2018 MeSH Tree Hierarchy

Tree location
B01.300.....Fungi
B01.300.053.....Agricultural Inoculants
B01.300.107.....Ascomycota
B01.300.107.320.....Eurotiales
B01.300.107.320.125.....Byssochlamys
B01.300.107.320.200.....Emericella
B01.300.107.320.215.....Eupenicillium
B01.300.107.320.218.....Eurotium
B01.300.107.320.500.....Monascus
B01.300.107.320.550.....Neosartorya
B01.300.107.320.800.....Talaromyces
B01.300.107.320.820.....Thermoascus
B01.300.107.501.....Hypocreales
B01.300.107.501.200.....Claviceps
B01.300.107.501.220.....Cordyceps
B01.300.107.501.310.....Epichloe
B01.300.107.501.400.....Gibberella
B01.300.107.501.430.....Hypocrea
B01.300.107.501.550.....Nectria
B01.300.107.575.....Magnaporthe
B01.300.107.650.....Onygenales
B01.300.107.650.080.....Arthrodermataceae
B01.300.107.655.....Ophiostomatales
B01.300.107.655.600.....Ophiostoma
B01.300.107.685.....Parmeliaceae
B01.300.107.685.500.....Usnea
B01.300.107.715.....Phyllachorales
B01.300.107.730.....Pneumocystis
B01.300.107.730.650.....Pneumocystis carinii
B01.300.107.780.....Pseudallescheria
B01.300.107.795.....Saccharomycetales
B01.300.107.795.095.....Candida
B01.300.107.795.095.326.....Candida albicans
B01.300.107.795.095.400.....Candida glabrata
B01.300.107.795.095.600.....Candida parapsilosis
B01.300.107.795.095.800.....Candida tropicalis
B01.300.107.795.190.....Debaromyces
B01.300.107.795.192.....Dekkera
B01.300.107.795.200.....Dipodascus
B01.300.107.795.230.....Endomyces
B01.300.107.795.250.....Eremothecium

## 2018 MeSH Tree Hierarchy

Tree location	
B01.300.107.795.393.....	Hanseniaspora
B01.300.107.795.536.....	Kluyveromyces
B01.300.107.795.550.....	Lipomyces
B01.300.107.795.575.....	Metschnikowia
B01.300.107.795.700.....	Pichia
B01.300.107.795.785.....	Saccharomyces
B01.300.107.795.785.400.....	Saccharomyces boulardii
B01.300.107.795.785.800.....	Saccharomyces cerevisiae
B01.300.107.795.815.....	Saccharomycopsis
B01.300.107.795.830.....	Torulasporea
B01.300.107.795.905.....	Williopsis
B01.300.107.795.980.....	Yarrowia
B01.300.107.795.990.....	Zygosaccharomyces
B01.300.107.797.....	Schizosaccharomyces
B01.300.107.800.....	Sordariales
B01.300.107.800.150.....	Chaetomium
B01.300.107.800.629.....	Neurospora
B01.300.107.800.629.564.....	Neurospora crassa
B01.300.107.800.700.....	Podosporea
B01.300.107.950.....	Xylariales
B01.300.179.....	Basidiomycota
B01.300.179.100.....	Agaricales
B01.300.179.100.105.....	Agaricus
B01.300.179.100.107.....	Agrocybe
B01.300.179.100.110.....	Amanita
B01.300.179.100.125.....	Armillaria
B01.300.179.100.200.....	Coprinus
B01.300.179.100.205.....	Cortinarius
B01.300.179.100.215.....	Cyathus
B01.300.179.100.320.....	Flammulina
B01.300.179.100.350.....	Grifola
B01.300.179.100.360.....	Hebeloma
B01.300.179.100.502.....	Laccaria
B01.300.179.100.515.....	Lentinula
B01.300.179.100.515.810.....	Shiitake Mushrooms
B01.300.179.100.550.....	Marasmius
B01.300.179.100.645.....	Pholiota
B01.300.179.100.650.....	Pleurotus
B01.300.179.100.660.....	Psilocybe
B01.300.179.100.750.....	Schizophyllum
B01.300.179.100.780.....	Termitomyces

## 2018 MeSH Tree Hierarchy

Tree location
B01.300.179.100.790.....Tricholoma
B01.300.179.100.875.....Volvariella
B01.300.179.110.....Phakopsora pachyrhizi
B01.300.179.120.....Polyporales
B01.300.179.120.174.....Coriolaceae
B01.300.179.120.174.070.....Antrodia
B01.300.179.120.174.600.....Poria
B01.300.179.120.174.850.....Trametes
B01.300.179.120.379.....Ganoderma
B01.300.179.120.379.700.....Reishi
B01.300.179.120.760.....Polyporaceae
B01.300.179.120.760.649.....Phanerochaete
B01.300.179.120.760.675.....Polyporus
B01.300.179.120.760.690.....Pycnoporus
B01.300.179.120.760.845.....Wolfiporia
B01.300.179.853.....Ustilaginales
B01.300.179.853.800.....Ustilago
B01.300.230.....Blastocladiomycota
B01.300.230.074.....Allomyces
B01.300.230.150.....Blastocladiella
B01.300.230.200.....Coelomomyces
B01.300.283.....Chytridiomycota
B01.300.300.....Fungi, Unclassified
B01.300.300.300.....Entomophthorales
B01.300.300.300.150.....Conidiobolus
B01.300.300.300.300.....Entomophthora
B01.300.300.500.....Mucorales
B01.300.300.500.030.....Absidia
B01.300.300.500.150.....Cunninghamella
B01.300.300.500.480.....Mortierella
B01.300.300.500.500.....Mucor
B01.300.300.500.750.....Phycomyces
B01.300.300.500.795.....Rhizomucor
B01.300.300.500.800.....Rhizopus
B01.300.320.....Glomeromycota
B01.300.340.....Lichens
B01.300.340.458.....Parmeliaceae
B01.300.340.458.500.....Usnea
B01.300.360.....Microsporidia
B01.300.360.500.....Microsporea
B01.300.360.500.500.....Microsporida



## 2018 MeSH Tree Hierarchy

Tree location
B01.300.360.500.500.100.....Apansporblastina
B01.300.360.500.500.100.175.....Encephalitozoon
B01.300.360.500.500.100.175.175.....Encephalitozoon cuniculi
B01.300.360.500.500.100.200.....Enterocytozoon
B01.300.360.500.500.100.400.....Nosema
B01.300.360.500.500.100.900.....Vittaforma
B01.300.360.500.500.600.....Pansporblastina
B01.300.360.500.500.600.050.....Amblyospora
B01.300.360.500.500.600.400.....Glugea
B01.300.360.500.500.600.500.....Loma
B01.300.360.500.500.600.650.....Pleistophora
B01.300.360.500.500.600.800.....Thelohania
B01.300.360.520.....Microsporidia, Unclassified
B01.300.381.....Mitosporic Fungi
B01.300.381.025.....Acremonium
B01.300.381.075.....Alternaria
B01.300.381.081.....Aspergillus
B01.300.381.081.170.....Aspergillus flavus
B01.300.381.081.295.....Aspergillus fumigatus
B01.300.381.081.420.....Aspergillus nidulans
B01.300.381.081.450.....Aspergillus niger
B01.300.381.081.480.....Aspergillus ochraceus
B01.300.381.081.500.....Aspergillus oryzae
B01.300.381.103.....Beauveria
B01.300.381.125.....Blastomyces
B01.300.381.128.....Botrytis
B01.300.381.137.....Brettanomyces
B01.300.381.147.....Candida
B01.300.381.147.326.....Candida albicans
B01.300.381.147.400.....Candida glabrata
B01.300.381.147.600.....Candida parapsilosis
B01.300.381.147.800.....Candida tropicalis
B01.300.381.170.....Chrysosporium
B01.300.381.200.....Cladosporium
B01.300.381.230.....Coccidioides
B01.300.381.235.....Colletotrichum
B01.300.381.258.....Cryptococcus
B01.300.381.258.300.....Cryptococcus gattii
B01.300.381.258.366.....Cryptococcus neoformans
B01.300.381.299.....Duddingtonia
B01.300.381.340.....Epidermophyton

## 2018 MeSH Tree Hierarchy

Tree location	
B01.300.381.355.....	Exophiala
B01.300.381.366.....	Fusarium
B01.300.381.380.....	Geotrichum
B01.300.381.385.....	Gliocladium
B01.300.381.420.....	Helminthosporium
B01.300.381.440.....	Histoplasma
B01.300.381.490.....	Kloeckera
B01.300.381.502.....	Lacazia
B01.300.381.515.....	Madurella
B01.300.381.522.....	Malassezia
B01.300.381.541.....	Metarhizium
B01.300.381.560.....	Microsporum
B01.300.381.570.....	Neotyphodium
B01.300.381.640.....	Paecilomyces
B01.300.381.648.....	Paracoccidioides
B01.300.381.662.....	Penicillium
B01.300.381.662.592.....	Penicillium chrysogenum
B01.300.381.706.....	Phialophora
B01.300.381.723.....	Pyricularia grisea
B01.300.381.740.....	Rhizoctonia
B01.300.381.750.....	Rhodotorula
B01.300.381.785.....	Scedosporium
B01.300.381.802.....	Scopulariopsis
B01.300.381.820.....	Sporothrix
B01.300.381.840.....	Stachybotrys
B01.300.381.910.....	Trichoderma
B01.300.381.928.....	Trichophyton
B01.300.381.940.....	Trichosporon
B01.300.381.950.....	Verticillium
B01.300.655.....	Mycorrhizae
B01.300.665.....	Neocallimastigomycota
B01.300.665.600.....	Neocallimastigales
B01.300.665.600.600.....	Neocallimastix
B01.300.665.600.675.....	Piromyces
B01.300.930.....	Yeasts
B01.300.930.150.....	Brettanomyces
B01.300.930.176.....	Candida
B01.300.930.176.326.....	Candida albicans
B01.300.930.176.400.....	Candida glabrata
B01.300.930.176.600.....	Candida parapsilosis
B01.300.930.176.800.....	Candida tropicalis

## 2018 MeSH Tree Hierarchy

Tree location
B01.300.930.316.....Cryptococcus
B01.300.930.316.300.....Cryptococcus gattii
B01.300.930.316.366.....Cryptococcus neoformans
B01.300.930.323.....Debaromyces
B01.300.930.326.....Dekkera
B01.300.930.330.....Dipodascus
B01.300.930.340.....Endomyces
B01.300.930.350.....Eremothecium
B01.300.930.443.....Hanseniopsis
B01.300.930.530.....Kloeckera
B01.300.930.536.....Kluyveromyces
B01.300.930.555.....Lipomyces
B01.300.930.574.....Malassezia
B01.300.930.587.....Metschnikowia
B01.300.930.600.....Pichia
B01.300.930.650.....Rhodotorula
B01.300.930.705.....Saccharomyces
B01.300.930.705.328.....Saccharomyces boulardii
B01.300.930.705.655.....Saccharomyces cerevisiae
B01.300.930.710.....Saccharomycopsis
B01.300.930.720.....Schizosaccharomyces
B01.300.930.910.....Torulaspora
B01.300.930.930.....Trichosporon
B01.300.930.945.....Williopsis
B01.300.930.980.....Yarrowia
B01.400.....Haptophyta
B01.500.....Mesomycetozoa
B01.500.700.....Rhinosporidium
B01.625.....Oxymonadida
B01.630.....Parabasalidea
B01.630.399.....Hypermastigia
B01.630.800.....Trichomonadida
B01.630.800.180.....Dientamoeba
B01.630.800.808.....Trichomonas
B01.630.800.808.717.....Trichomonas vaginalis
B01.630.800.849.....Tritrichomonas
B01.630.800.849.325.....Tritrichomonas foetus
B01.650.....Plants
B01.650.160.....Crops, Agricultural
B01.650.160.250.....Edible Grain
B01.650.160.956.....Vegetables

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.232.....Glaucophyta
B01.650.232.200.....Cyanophora
B01.650.449.....Plant Weeds
B01.650.510.....Plants, Edible
B01.650.510.250.....Edible Grain
B01.650.510.956.....Vegetables
B01.650.520.....Plants, Genetically Modified
B01.650.560.....Plants, Medicinal
B01.650.660.....Plants, Toxic
B01.650.700.....Rhodophyta
B01.650.700.150.....Chondrus
B01.650.700.325.....Gracilaria
B01.650.700.500.....Laurencia
B01.650.700.585.....Plocamium
B01.650.700.600.....Porphyra
B01.650.700.610.....Porphyridium
B01.650.723.....Salt-Tolerant Plants
B01.650.819.....Seedlings
B01.650.915.....Trees
B01.650.940.....Viridiplantae
B01.650.940.150.....Chlorophyta
B01.650.940.150.133.....Acetabularia
B01.650.940.150.300.....Caulerpa
B01.650.940.150.469.....Chlorella
B01.650.940.150.469.400.....Chlorella vulgaris
B01.650.940.150.634.....Prototheca
B01.650.940.150.800.....Scenedesmus
B01.650.940.150.900.....Ulva
B01.650.940.150.925.....Volvocida
B01.650.940.150.925.344.....Chlamydomonas
B01.650.940.150.925.344.650.....Chlamydomonas reinhardtii
B01.650.940.150.950.....Volvox
B01.650.940.800.....Streptophyta
B01.650.940.800.150.....Charophyceae
B01.650.940.800.150.150.....Characeae
B01.650.940.800.150.150.150.....Chara
B01.650.940.800.150.150.575.....Nitella
B01.650.940.800.150.200.....Desmidiiales
B01.650.940.800.150.200.150.....Closterium
B01.650.940.800.150.200.500.....Micrasterias
B01.650.940.800.150.990.....Zygnematales

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.150.990.550.....Mougeotia
B01.650.940.800.150.990.800.....Spirogyra
B01.650.940.800.575.....Embryophyta
B01.650.940.800.575.100.....Anthocerotophyta
B01.650.940.800.575.137.....Bryophyta
B01.650.940.800.575.137.500.....Bryopsida
B01.650.940.800.575.137.750.....Sphagnopsida
B01.650.940.800.575.156.....Cycadopsida
B01.650.940.800.575.156.100.....Coniferophyta
B01.650.940.800.575.156.100.188.....Cupressaceae
B01.650.940.800.575.156.100.188.199.....Chamaecyparis
B01.650.940.800.575.156.100.188.233.....Cryptomeria
B01.650.940.800.575.156.100.188.250.....Cunninghamia
B01.650.940.800.575.156.100.188.266.....Cupressus
B01.650.940.800.575.156.100.188.500.....Juniperus
B01.650.940.800.575.156.100.188.599.....Libocedrus
B01.650.940.800.575.156.100.188.699.....Sequoia
B01.650.940.800.575.156.100.188.749.....Sequoiadendron
B01.650.940.800.575.156.100.188.774.....Taxodium
B01.650.940.800.575.156.100.188.799.....Thuja
B01.650.940.800.575.156.100.666.....Pinaceae
B01.650.940.800.575.156.100.666.033.....Abies
B01.650.940.800.575.156.100.666.222.....Cedrus
B01.650.940.800.575.156.100.666.444.....Larix
B01.650.940.800.575.156.100.666.755.....Picea
B01.650.940.800.575.156.100.666.777.....Pinus
B01.650.940.800.575.156.100.666.777.600.....Pinus ponderosa
B01.650.940.800.575.156.100.666.777.744.....Pinus sylvestris
B01.650.940.800.575.156.100.666.777.888.....Pinus taeda
B01.650.940.800.575.156.100.666.984.....Pseudotsuga
B01.650.940.800.575.156.100.666.992.....Tsuga
B01.650.940.800.575.156.100.833.....Taxaceae
B01.650.940.800.575.156.100.833.250.....Cephalotaxus
B01.650.940.800.575.156.100.833.500.....Taxus
B01.650.940.800.575.156.100.855.....Taxodiaceae
B01.650.940.800.575.156.199.....Cycas
B01.650.940.800.575.156.577.....Gnetophyta
B01.650.940.800.575.156.577.222.....Ephedra
B01.650.940.800.575.156.577.222.500.....Ephedra sinica
B01.650.940.800.575.156.577.333.....Gnetum
B01.650.940.800.575.156.955.....Zamiaceae

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.175.....Equisetum
B01.650.940.800.575.462.....Hepatophyta
B01.650.940.800.575.462.500.....Frullania
B01.650.940.800.575.462.750.....Marchantia
B01.650.940.800.575.525.....Lycopodiaceae
B01.650.940.800.575.525.333.....Huperzia
B01.650.940.800.575.525.666.....Lycopodium
B01.650.940.800.575.825.....Selaginellaceae
B01.650.940.800.575.912.....Tracheophyta
B01.650.940.800.575.912.063.....Ferns
B01.650.940.800.575.912.063.199.....Dennstaedtiaceae
B01.650.940.800.575.912.063.199.666.....Pteridium
B01.650.940.800.575.912.063.222.....Dryopteridaceae
B01.650.940.800.575.912.063.222.222.....Dryopteris
B01.650.940.800.575.912.063.222.611.....Polystichum
B01.650.940.800.575.912.063.461.....Marsileaceae
B01.650.940.800.575.912.063.700.....Polypodiaceae
B01.650.940.800.575.912.063.700.666.....Polypodium
B01.650.940.800.575.912.063.750.....Pteridaceae
B01.650.940.800.575.912.063.750.044.....Adiantum
B01.650.940.800.575.912.063.750.666.....Pteris
B01.650.940.800.575.912.125.....Ginkgo biloba
B01.650.940.800.575.912.250.....Magnoliopsida
B01.650.940.800.575.912.250.010.....Acoraceae
B01.650.940.800.575.912.250.010.500.....Acorus
B01.650.940.800.575.912.250.022.....Alangiaceae
B01.650.940.800.575.912.250.044.....Anacardiaceae
B01.650.940.800.575.912.250.044.277.....Anacardium
B01.650.940.800.575.912.250.044.416.....Mangifera
B01.650.940.800.575.912.250.044.555.....Pistacia
B01.650.940.800.575.912.250.044.666.....Rhus
B01.650.940.800.575.912.250.044.705.....Semecarpus
B01.650.940.800.575.912.250.044.744.....Toxicodendron
B01.650.940.800.575.912.250.065.....Annonaceae
B01.650.940.800.575.912.250.065.500.....Annona
B01.650.940.800.575.912.250.065.750.....Asimina
B01.650.940.800.575.912.250.065.781.....Cananga
B01.650.940.800.575.912.250.065.812.....Goniothalamus
B01.650.940.800.575.912.250.065.875.....Guatteria
B01.650.940.800.575.912.250.065.937.....Polyalthia
B01.650.940.800.575.912.250.065.968.....Rollinia

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.065.984.....Uvaria
B01.650.940.800.575.912.250.065.992.....Xylopia
B01.650.940.800.575.912.250.075.....Apiaceae
B01.650.940.800.575.912.250.075.039.....Ammi
B01.650.940.800.575.912.250.075.077.....Anethum graveolens
B01.650.940.800.575.912.250.075.088.....Angelica
B01.650.940.800.575.912.250.075.088.077.....Angelica archangelica
B01.650.940.800.575.912.250.075.088.538.....Angelica sinensis
B01.650.940.800.575.912.250.075.099.....Apium graveolens
B01.650.940.800.575.912.250.075.144.....Bupleurum
B01.650.940.800.575.912.250.075.166.....Carum
B01.650.940.800.575.912.250.075.180.....Centella
B01.650.940.800.575.912.250.075.190.....Cicuta
B01.650.940.800.575.912.250.075.199.....Cnidium
B01.650.940.800.575.912.250.075.205.....Conium
B01.650.940.800.575.912.250.075.211.....Coriandrum
B01.650.940.800.575.912.250.075.233.....Cuminum
B01.650.940.800.575.912.250.075.288.....Daucus carota
B01.650.940.800.575.912.250.075.294.....Eryngium
B01.650.940.800.575.912.250.075.300.....Ferula
B01.650.940.800.575.912.250.075.333.....Foeniculum
B01.650.940.800.575.912.250.075.388.....Hemlock
B01.650.940.800.575.912.250.075.411.....Heracleum
B01.650.940.800.575.912.250.075.488.....Levisticum
B01.650.940.800.575.912.250.075.511.....Ligusticum
B01.650.940.800.575.912.250.075.568.....Oenanthe
B01.650.940.800.575.912.250.075.625.....Pastinaca
B01.650.940.800.575.912.250.075.750.....Petroselinum
B01.650.940.800.575.912.250.075.798.....Pimpinella
B01.650.940.800.575.912.250.075.875.....Sanicula
B01.650.940.800.575.912.250.075.937.....Thapsia
B01.650.940.800.575.912.250.084.....Aquifoliaceae
B01.650.940.800.575.912.250.084.500.....Ilex
B01.650.940.800.575.912.250.084.500.500.....Ilex guayusa
B01.650.940.800.575.912.250.084.500.750.....Ilex paraguariensis
B01.650.940.800.575.912.250.084.500.875.....Ilex vomitoria
B01.650.940.800.575.912.250.087.....Araliaceae
B01.650.940.800.575.912.250.087.249.....Aralia
B01.650.940.800.575.912.250.087.374.....Eleutherococcus
B01.650.940.800.575.912.250.087.412.....Hedera
B01.650.940.800.575.912.250.087.431.....Kalopanax

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.087.450.....Oplopanax
B01.650.940.800.575.912.250.087.500.....Panax
B01.650.940.800.575.912.250.087.500.500.....Panax notoginseng
B01.650.940.800.575.912.250.093.....Arecaceae
B01.650.940.800.575.912.250.093.088.....Areca
B01.650.940.800.575.912.250.093.188.....Calamus
B01.650.940.800.575.912.250.093.211.....Cocos
B01.650.940.800.575.912.250.093.480.....Euterpe
B01.650.940.800.575.912.250.093.615.....Phoenixaceae
B01.650.940.800.575.912.250.093.750.....Serenoa
B01.650.940.800.575.912.250.096.....Aristolochiaceae
B01.650.940.800.575.912.250.096.211.....Aristolochia
B01.650.940.800.575.912.250.096.233.....Asarum
B01.650.940.800.575.912.250.100.....Asteraceae
B01.650.940.800.575.912.250.100.037.....Achillea
B01.650.940.800.575.912.250.100.041.....Achyrocline
B01.650.940.800.575.912.250.100.046.....Ageratina
B01.650.940.800.575.912.250.100.056.....Ageratum
B01.650.940.800.575.912.250.100.065.....Ambrosia
B01.650.940.800.575.912.250.100.071.....Anthemis
B01.650.940.800.575.912.250.100.072.....Arctium
B01.650.940.800.575.912.250.100.075.....Arnica
B01.650.940.800.575.912.250.100.100.....Artemisia
B01.650.940.800.575.912.250.100.100.099.....Artemisia absinthium
B01.650.940.800.575.912.250.100.100.144.....Artemisia annua
B01.650.940.800.575.912.250.100.111.....Aster Plant
B01.650.940.800.575.912.250.100.118.....Atractylis
B01.650.940.800.575.912.250.100.126.....Atractylodes
B01.650.940.800.575.912.250.100.133.....Baccharis
B01.650.940.800.575.912.250.100.137.....Bidens
B01.650.940.800.575.912.250.100.141.....Calendula
B01.650.940.800.575.912.250.100.154.....Callilepis
B01.650.940.800.575.912.250.100.168.....Carduus
B01.650.940.800.575.912.250.100.181.....Carthamus
B01.650.940.800.575.912.250.100.181.500.....Carthamus tinctorius
B01.650.940.800.575.912.250.100.188.....Centaurea
B01.650.940.800.575.912.250.100.192.....Chamaemelum
B01.650.940.800.575.912.250.100.195.....Chamomile
B01.650.940.800.575.912.250.100.200.....Chicory
B01.650.940.800.575.912.250.100.203.....Chromolaena
B01.650.940.800.575.912.250.100.206.....Chrysanthemum



## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.100.206.222.....	Chrysanthemum cinerariifolium
B01.650.940.800.575.912.250.100.227.....	Cirsium
B01.650.940.800.575.912.250.100.241.....	Cnicus
B01.650.940.800.575.912.250.100.244.....	Conyza
B01.650.940.800.575.912.250.100.248.....	Coreopsis
B01.650.940.800.575.912.250.100.255.....	Crepis
B01.650.940.800.575.912.250.100.269.....	Cynara
B01.650.940.800.575.912.250.100.269.500.....	Cynara scolymus
B01.650.940.800.575.912.250.100.289.....	Dahlia
B01.650.940.800.575.912.250.100.310.....	Echinacea
B01.650.940.800.575.912.250.100.317.....	Echinops Plant
B01.650.940.800.575.912.250.100.337.....	Eclipta
B01.650.940.800.575.912.250.100.342.....	Erigeron
B01.650.940.800.575.912.250.100.347.....	Eupatorium
B01.650.940.800.575.912.250.100.349.....	Flaveria
B01.650.940.800.575.912.250.100.352.....	Geigeria
B01.650.940.800.575.912.250.100.355.....	Gnaphalium
B01.650.940.800.575.912.250.100.356.....	Grindelia
B01.650.940.800.575.912.250.100.358.....	Haplopappus
B01.650.940.800.575.912.250.100.400.....	Helianthus
B01.650.940.800.575.912.250.100.425.....	Helichrysum
B01.650.940.800.575.912.250.100.471.....	Inula
B01.650.940.800.575.912.250.100.500.....	Lettuce
B01.650.940.800.575.912.250.100.506.....	Leuzea
B01.650.940.800.575.912.250.100.509.....	Matricaria
B01.650.940.800.575.912.250.100.512.....	Mikania
B01.650.940.800.575.912.250.100.525.....	Milk Thistle
B01.650.940.800.575.912.250.100.543.....	Montanoa
B01.650.940.800.575.912.250.100.562.....	Onopordum
B01.650.940.800.575.912.250.100.596.....	Petasites
B01.650.940.800.575.912.250.100.605.....	Psacalium
B01.650.940.800.575.912.250.100.613.....	Pulicaria
B01.650.940.800.575.912.250.100.631.....	Ratibida
B01.650.940.800.575.912.250.100.665.....	Rudbeckia
B01.650.940.800.575.912.250.100.700.....	Saussurea
B01.650.940.800.575.912.250.100.750.....	Scolymus
B01.650.940.800.575.912.250.100.775.....	Scorzonera
B01.650.940.800.575.912.250.100.800.....	Senecio
B01.650.940.800.575.912.250.100.816.....	Solidago
B01.650.940.800.575.912.250.100.833.....	Sonchus
B01.650.940.800.575.912.250.100.843.....	Stevia

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.100.853.....	Tagetes
B01.650.940.800.575.912.250.100.874.....	Tanacetum
B01.650.940.800.575.912.250.100.874.500.....	Tanacetum parthenium
B01.650.940.800.575.912.250.100.895.....	Taraxacum
B01.650.940.800.575.912.250.100.916.....	Tragopogon
B01.650.940.800.575.912.250.100.937.....	Tripleurospermum
B01.650.940.800.575.912.250.100.958.....	Tussilago
B01.650.940.800.575.912.250.100.979.....	Verbesina
B01.650.940.800.575.912.250.100.984.....	Vernonia
B01.650.940.800.575.912.250.100.989.....	Wedelia
B01.650.940.800.575.912.250.100.994.....	Xanthium
B01.650.940.800.575.912.250.106.....	Balanophoraceae
B01.650.940.800.575.912.250.106.500.....	Cynomorium
B01.650.940.800.575.912.250.118.....	Begoniaceae
B01.650.940.800.575.912.250.125.....	Berberidaceae
B01.650.940.800.575.912.250.125.249.....	Berberis
B01.650.940.800.575.912.250.125.311.....	Caulophyllum
B01.650.940.800.575.912.250.125.342.....	Epimedium
B01.650.940.800.575.912.250.125.374.....	Mahonia
B01.650.940.800.575.912.250.125.500.....	Podophyllum
B01.650.940.800.575.912.250.125.500.500.....	Podophyllum peltatum
B01.650.940.800.575.912.250.146.....	Bixaceae
B01.650.940.800.575.912.250.148.....	Bombacaceae
B01.650.940.800.575.912.250.150.....	Boraginaceae
B01.650.940.800.575.912.250.150.122.....	Amsinckia
B01.650.940.800.575.912.250.150.188.....	Borago
B01.650.940.800.575.912.250.150.210.....	Comfrey
B01.650.940.800.575.912.250.150.327.....	Cordia
B01.650.940.800.575.912.250.150.385.....	Echium
B01.650.940.800.575.912.250.150.415.....	Eriodictyon
B01.650.940.800.575.912.250.150.444.....	Heliotropium
B01.650.940.800.575.912.250.150.501.....	Lithospermum
B01.650.940.800.575.912.250.150.750.....	Pulmonaria
B01.650.940.800.575.912.250.157.....	Brassicaceae
B01.650.940.800.575.912.250.157.100.....	Arabidopsis
B01.650.940.800.575.912.250.157.150.....	Arabis
B01.650.940.800.575.912.250.157.175.....	Armoracia
B01.650.940.800.575.912.250.157.187.....	Barbarea
B01.650.940.800.575.912.250.157.200.....	Brassica
B01.650.940.800.575.912.250.157.200.249.....	Brassica napus
B01.650.940.800.575.912.250.157.200.277.....	Brassica rapa

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.157.200.500.....Mustard Plant
B01.650.940.800.575.912.250.157.244.....Capsella
B01.650.940.800.575.912.250.157.255.....Cardamine
B01.650.940.800.575.912.250.157.277.....Crambe Plant
B01.650.940.800.575.912.250.157.357.....Erysimum
B01.650.940.800.575.912.250.157.438.....Isatis
B01.650.940.800.575.912.250.157.600.....Lepidium
B01.650.940.800.575.912.250.157.600.500.....Lepidium sativum
B01.650.940.800.575.912.250.157.644.....Nasturtium
B01.650.940.800.575.912.250.157.711.....Raphanus
B01.650.940.800.575.912.250.157.744.....Rorippa
B01.650.940.800.575.912.250.157.811.....Sinapis
B01.650.940.800.575.912.250.157.905.....Thlaspi
B01.650.940.800.575.912.250.157.952.....Wasabia
B01.650.940.800.575.912.250.159.....Bromeliaceae
B01.650.940.800.575.912.250.159.099.....Ananas
B01.650.940.800.575.912.250.159.244.....Bromelia
B01.650.940.800.575.912.250.159.622.....Tillandsia
B01.650.940.800.575.912.250.162.....Burseraceae
B01.650.940.800.575.912.250.162.111.....Boswellia
B01.650.940.800.575.912.250.162.138.....Bursera
B01.650.940.800.575.912.250.162.166.....Commiphora
B01.650.940.800.575.912.250.165.....Buxaceae
B01.650.940.800.575.912.250.165.500.....Buxus
B01.650.940.800.575.912.250.165.750.....Pachysandra
B01.650.940.800.575.912.250.171.....Campanulaceae
B01.650.940.800.575.912.250.171.200.....Codonopsis
B01.650.940.800.575.912.250.171.600.....Lobelia
B01.650.940.800.575.912.250.171.800.....Platycodon
B01.650.940.800.575.912.250.177.....Capparaceae
B01.650.940.800.575.912.250.177.500.....Capparis
B01.650.940.800.575.912.250.177.750.....Cleome
B01.650.940.800.575.912.250.192.....Caricaceae
B01.650.940.800.575.912.250.192.500.....Carica
B01.650.940.800.575.912.250.198.....Caryophyllanae
B01.650.940.800.575.912.250.198.500.....Caryophyllales
B01.650.940.800.575.912.250.198.500.050.....Aizoaceae
B01.650.940.800.575.912.250.198.500.050.500.....Mesembryanthemum
B01.650.940.800.575.912.250.198.500.100.....Amaranthaceae
B01.650.940.800.575.912.250.198.500.100.100.....Achyranthes
B01.650.940.800.575.912.250.198.500.100.130.....Amaranthus

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.198.500.100.232.....Atriplex
B01.650.940.800.575.912.250.198.500.100.333.....Celosia
B01.650.940.800.575.912.250.198.500.100.666.....Chenopodium
B01.650.940.800.575.912.250.198.500.100.666.500.....Chenopodium album
B01.650.940.800.575.912.250.198.500.100.666.750.....Chenopodium ambrosioides
B01.650.940.800.575.912.250.198.500.100.666.875.....Chenopodium quinoa
B01.650.940.800.575.912.250.198.500.100.833.....Salsola
B01.650.940.800.575.912.250.198.500.200.....Cactaceae
B01.650.940.800.575.912.250.198.500.200.500.....Opuntia
B01.650.940.800.575.912.250.198.500.250.....Caryophyllaceae
B01.650.940.800.575.912.250.198.500.250.055.....Agrostemma
B01.650.940.800.575.912.250.198.500.250.077.....Arenaria Plant
B01.650.940.800.575.912.250.198.500.250.222.....Dianthus
B01.650.940.800.575.912.250.198.500.250.416.....Lychnis
B01.650.940.800.575.912.250.198.500.250.611.....Saponaria
B01.650.940.800.575.912.250.198.500.250.655.....Silene
B01.650.940.800.575.912.250.198.500.250.827.....Stellaria
B01.650.940.800.575.912.250.198.500.250.913.....Vaccaria
B01.650.940.800.575.912.250.198.500.300.....Dioncophyllaceae
B01.650.940.800.575.912.250.198.500.350.....Droseraceae
B01.650.940.800.575.912.250.198.500.350.500.....Drosera
B01.650.940.800.575.912.250.198.500.675.....Molluginaceae
B01.650.940.800.575.912.250.198.500.750.....Nyctaginaceae
B01.650.940.800.575.912.250.198.500.750.500.....Mirabilis
B01.650.940.800.575.912.250.198.500.875.....Phytolaccaceae
B01.650.940.800.575.912.250.198.500.875.500.....Phytolacca
B01.650.940.800.575.912.250.198.500.875.500.500.....Phytolacca americana
B01.650.940.800.575.912.250.198.500.875.500.750.....Phytolacca dodecandra
B01.650.940.800.575.912.250.198.500.937.....Plumbaginaceae
B01.650.940.800.575.912.250.198.500.984.....Portulacaceae
B01.650.940.800.575.912.250.198.500.984.500.....Portulaca
B01.650.940.800.575.912.250.198.500.992.....Tamaricaceae
B01.650.940.800.575.912.250.200.....Chenopodiaceae
B01.650.940.800.575.912.250.200.299.....Bassia scoparia
B01.650.940.800.575.912.250.200.399.....Beta vulgaris
B01.650.940.800.575.912.250.200.800.....Spinacia oleracea
B01.650.940.800.575.912.250.204.....Cistaceae
B01.650.940.800.575.912.250.204.177.....Cistus
B01.650.940.800.575.912.250.228.....Combretaceae
B01.650.940.800.575.912.250.228.166.....Combretum
B01.650.940.800.575.912.250.228.583.....Terminalia

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.233.....	Commelinaceae
B01.650.940.800.575.912.250.233.222.....	Commelina
B01.650.940.800.575.912.250.233.611.....	Tradescantia
B01.650.940.800.575.912.250.238.....	Convolvulaceae
B01.650.940.800.575.912.250.238.124.....	Bonamia Plant
B01.650.940.800.575.912.250.238.249.....	Calystegia
B01.650.940.800.575.912.250.238.374.....	Convolvulus
B01.650.940.800.575.912.250.238.437.....	Cuscuta
B01.650.940.800.575.912.250.238.500.....	Ipomoea
B01.650.940.800.575.912.250.238.500.500.....	Ipomoea batatas
B01.650.940.800.575.912.250.238.500.750.....	Ipomoea nil
B01.650.940.800.575.912.250.250.....	Cornaceae
B01.650.940.800.575.912.250.250.299.....	Cornus
B01.650.940.800.575.912.250.300.....	Cucurbitaceae
B01.650.940.800.575.912.250.300.093.....	Bryonia
B01.650.940.800.575.912.250.300.140.....	Citrullus
B01.650.940.800.575.912.250.300.140.500.....	Citrullus colocynthis
B01.650.940.800.575.912.250.300.188.....	Cucumis
B01.650.940.800.575.912.250.300.188.444.....	Cucumis melo
B01.650.940.800.575.912.250.300.188.666.....	Cucumis sativus
B01.650.940.800.575.912.250.300.222.....	Cucurbita
B01.650.940.800.575.912.250.300.444.....	Gynostemma
B01.650.940.800.575.912.250.300.522.....	Luffa
B01.650.940.800.575.912.250.300.655.....	Momordica
B01.650.940.800.575.912.250.300.655.249.....	Momordica charantia
B01.650.940.800.575.912.250.300.827.....	Trichosanthes
B01.650.940.800.575.912.250.312.....	Cyperaceae
B01.650.940.800.575.912.250.312.099.....	Carex Plant
B01.650.940.800.575.912.250.312.199.....	Cyperus
B01.650.940.800.575.912.250.312.299.....	Eleocharis
B01.650.940.800.575.912.250.318.....	Dilleniaceae
B01.650.940.800.575.912.250.325.....	Dioscoreaceae
B01.650.940.800.575.912.250.325.500.....	Dioscorea
B01.650.940.800.575.912.250.325.750.....	Tamus
B01.650.940.800.575.912.250.328.....	Dipsacales
B01.650.940.800.575.912.250.328.500.....	Adoxaceae
B01.650.940.800.575.912.250.328.500.500.....	Sambucus
B01.650.940.800.575.912.250.328.500.500.500.....	Sambucus nigra
B01.650.940.800.575.912.250.328.500.750.....	Viburnum
B01.650.940.800.575.912.250.328.750.....	Caprifoliaceae
B01.650.940.800.575.912.250.328.750.388.....	Lonicera

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.328.750.625.....	Symphoricarpos
B01.650.940.800.575.912.250.328.875.....	Dipsacaceae
B01.650.940.800.575.912.250.328.937.....	Valerianaceae
B01.650.940.800.575.912.250.328.937.443.....	Nardostachys
B01.650.940.800.575.912.250.328.937.665.....	Patrinia
B01.650.940.800.575.912.250.328.937.888.....	Valerian
B01.650.940.800.575.912.250.328.937.944.....	Valerianella
B01.650.940.800.575.912.250.339.....	Elaeocarpaceae
B01.650.940.800.575.912.250.339.218.....	Clethraceae
B01.650.940.800.575.912.250.339.485.....	Sapotaceae
B01.650.940.800.575.912.250.339.485.500.....	Madhuca
B01.650.940.800.575.912.250.339.485.555.....	Manilkara
B01.650.940.800.575.912.250.339.485.577.....	Mimusops
B01.650.940.800.575.912.250.339.485.666.....	Palaquium
B01.650.940.800.575.912.250.339.485.699.....	Pouteria
B01.650.940.800.575.912.250.339.485.849.....	Synsepalum
B01.650.940.800.575.912.250.341.....	Ericales
B01.650.940.800.575.912.250.341.500.....	Actinidiaceae
B01.650.940.800.575.912.250.341.500.500.....	Actinidia
B01.650.940.800.575.912.250.341.750.....	Balsaminaceae
B01.650.940.800.575.912.250.341.750.500.....	Impatiens
B01.650.940.800.575.912.250.341.875.....	Ebenaceae
B01.650.940.800.575.912.250.341.875.500.....	Diospyros
B01.650.940.800.575.912.250.341.937.....	Ericaceae
B01.650.940.800.575.912.250.341.937.099.....	Arctostaphylos
B01.650.940.800.575.912.250.341.937.211.....	Calluna
B01.650.940.800.575.912.250.341.937.267.....	Gaultheria
B01.650.940.800.575.912.250.341.937.324.....	Ledum
B01.650.940.800.575.912.250.341.937.437.....	Pyrola
B01.650.940.800.575.912.250.341.937.549.....	Rhododendron
B01.650.940.800.575.912.250.341.937.774.....	Vaccinium
B01.650.940.800.575.912.250.341.937.774.249.....	Blueberry Plants
B01.650.940.800.575.912.250.341.937.774.500.....	Huckleberry Plant
B01.650.940.800.575.912.250.341.937.774.750.....	Vaccinium macrocarpon
B01.650.940.800.575.912.250.341.937.774.875.....	Vaccinium myrtillus
B01.650.940.800.575.912.250.341.937.774.937.....	Vaccinium vitis-idaea
B01.650.940.800.575.912.250.341.968.....	Lecythidaceae
B01.650.940.800.575.912.250.341.968.099.....	Barringtonia
B01.650.940.800.575.912.250.341.968.133.....	Bertholletia
B01.650.940.800.575.912.250.341.984.....	Primulaceae
B01.650.940.800.575.912.250.341.984.099.....	Anagallis

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.341.984.324.....	Ardisia
B01.650.940.800.575.912.250.341.984.549.....	Cyclamen
B01.650.940.800.575.912.250.341.984.662.....	Embelia
B01.650.940.800.575.912.250.341.984.774.....	Primula
B01.650.940.800.575.912.250.341.992.....	Sarraceniaceae
B01.650.940.800.575.912.250.341.996.....	Styracaceae
B01.650.940.800.575.912.250.341.996.777.....	Styrax
B01.650.940.800.575.912.250.341.998.....	Theaceae
B01.650.940.800.575.912.250.341.998.500.....	Camellia
B01.650.940.800.575.912.250.341.998.500.500.....	Camellia sinensis
B01.650.940.800.575.912.250.342.....	Eriocaulaceae
B01.650.940.800.575.912.250.346.....	Erythroxylaceae
B01.650.940.800.575.912.250.346.500.....	Coca
B01.650.940.800.575.912.250.348.....	Eucommiaceae
B01.650.940.800.575.912.250.350.....	Euphorbiaceae
B01.650.940.800.575.912.250.350.038.....	Acalypha
B01.650.940.800.575.912.250.350.077.....	Aleurites
B01.650.940.800.575.912.250.350.199.....	Croton
B01.650.940.800.575.912.250.350.333.....	Euphorbia
B01.650.940.800.575.912.250.350.399.....	Hevea
B01.650.940.800.575.912.250.350.461.....	Hippomane
B01.650.940.800.575.912.250.350.488.....	Jatropha
B01.650.940.800.575.912.250.350.505.....	Mallotus Plant
B01.650.940.800.575.912.250.350.535.....	Manihot
B01.650.940.800.575.912.250.350.622.....	Phyllanthus
B01.650.940.800.575.912.250.350.622.500.....	Phyllanthus emblica
B01.650.940.800.575.912.250.350.650.....	Ricinus
B01.650.940.800.575.912.250.350.650.300.....	Castor Bean
B01.650.940.800.575.912.250.350.737.....	Sapium
B01.650.940.800.575.912.250.350.825.....	Suregada
B01.650.940.800.575.912.250.401.....	Fabaceae
B01.650.940.800.575.912.250.401.012.....	Abrus
B01.650.940.800.575.912.250.401.025.....	Acacia
B01.650.940.800.575.912.250.401.051.....	Albizzia
B01.650.940.800.575.912.250.401.077.....	Arachis
B01.650.940.800.575.912.250.401.082.....	Aspalathus
B01.650.940.800.575.912.250.401.087.....	Astragalus Plant
B01.650.940.800.575.912.250.401.087.500.....	Astragalus gummifer
B01.650.940.800.575.912.250.401.087.750.....	Astragalus membranaceus
B01.650.940.800.575.912.250.401.088.....	Bauhinia
B01.650.940.800.575.912.250.401.090.....	Butea

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.401.093.....	Caesalpinia
B01.650.940.800.575.912.250.401.094.....	Cajanus
B01.650.940.800.575.912.250.401.096.....	Canavalia
B01.650.940.800.575.912.250.401.098.....	Caragana
B01.650.940.800.575.912.250.401.100.....	Cassia
B01.650.940.800.575.912.250.401.112.....	Castanospermum
B01.650.940.800.575.912.250.401.125.....	Chamaecrista
B01.650.940.800.575.912.250.401.150.....	Cicer
B01.650.940.800.575.912.250.401.162.....	Clitoria
B01.650.940.800.575.912.250.401.175.....	Crotalaria
B01.650.940.800.575.912.250.401.181.....	Cyamopsis
B01.650.940.800.575.912.250.401.184.....	Cyclopia Plant
B01.650.940.800.575.912.250.401.187.....	Cytisus
B01.650.940.800.575.912.250.401.190.....	Dalbergia
B01.650.940.800.575.912.250.401.191.....	Derris
B01.650.940.800.575.912.250.401.192.....	Dioclea
B01.650.940.800.575.912.250.401.194.....	Dipteryx
B01.650.940.800.575.912.250.401.196.....	Dolichos
B01.650.940.800.575.912.250.401.200.....	Erythrina
B01.650.940.800.575.912.250.401.250.....	Galega
B01.650.940.800.575.912.250.401.262.....	Genista
B01.650.940.800.575.912.250.401.275.....	Gleditsia
B01.650.940.800.575.912.250.401.300.....	Glycyrrhiza
B01.650.940.800.575.912.250.401.300.500.....	Glycyrrhiza uralensis
B01.650.940.800.575.912.250.401.318.....	Griffonia
B01.650.940.800.575.912.250.401.327.....	Hymenaea
B01.650.940.800.575.912.250.401.337.....	Indigofera
B01.650.940.800.575.912.250.401.356.....	Laburnum
B01.650.940.800.575.912.250.401.375.....	Lathyrus
B01.650.940.800.575.912.250.401.450.....	Lens Plant
B01.650.940.800.575.912.250.401.525.....	Lespedeza
B01.650.940.800.575.912.250.401.544.....	Loteae
B01.650.940.800.575.912.250.401.571.....	Lupinus
B01.650.940.800.575.912.250.401.581.....	Maackia
B01.650.940.800.575.912.250.401.590.....	Medicago
B01.650.940.800.575.912.250.401.590.500.....	Medicago sativa
B01.650.940.800.575.912.250.401.590.750.....	Medicago truncatula
B01.650.940.800.575.912.250.401.592.....	Melilotus
B01.650.940.800.575.912.250.401.594.....	Millettia
B01.650.940.800.575.912.250.401.596.....	Mimosa
B01.650.940.800.575.912.250.401.598.....	Mucuna



## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.401.601.....	Myroxylon
B01.650.940.800.575.912.250.401.604.....	Ononis
B01.650.940.800.575.912.250.401.606.....	Oxytropis
B01.650.940.800.575.912.250.401.611.....	Pachyrhizus
B01.650.940.800.575.912.250.401.625.....	Peas
B01.650.940.800.575.912.250.401.649.....	Phaseolus
B01.650.940.800.575.912.250.401.694.....	Physostigma
B01.650.940.800.575.912.250.401.698.....	Pongamia
B01.650.940.800.575.912.250.401.702.....	Prosopis
B01.650.940.800.575.912.250.401.710.....	Psoralea
B01.650.940.800.575.912.250.401.712.....	Pterocarpus
B01.650.940.800.575.912.250.401.714.....	Pueraria
B01.650.940.800.575.912.250.401.716.....	Robinia
B01.650.940.800.575.912.250.401.718.....	Senna Plant
B01.650.940.800.575.912.250.401.726.....	Sesbania
B01.650.940.800.575.912.250.401.734.....	Sophora
B01.650.940.800.575.912.250.401.750.....	Soybeans
B01.650.940.800.575.912.250.401.812.....	Spartium
B01.650.940.800.575.912.250.401.843.....	Sphenostylis
B01.650.940.800.575.912.250.401.875.....	Tamarindus
B01.650.940.800.575.912.250.401.890.....	Tephrosia
B01.650.940.800.575.912.250.401.898.....	Tetrapleura
B01.650.940.800.575.912.250.401.906.....	Trifolium
B01.650.940.800.575.912.250.401.937.....	Trigonella
B01.650.940.800.575.912.250.401.952.....	Ulex
B01.650.940.800.575.912.250.401.968.....	Vicia
B01.650.940.800.575.912.250.401.968.500.....	Vicia faba
B01.650.940.800.575.912.250.401.968.750.....	Vicia sativa
B01.650.940.800.575.912.250.401.976.....	Vigna
B01.650.940.800.575.912.250.401.984.....	Wisteria
B01.650.940.800.575.912.250.437.....	Flacourtiaceae
B01.650.940.800.575.912.250.437.500.....	Ryania
B01.650.940.800.575.912.250.443.....	Fumariaceae
B01.650.940.800.575.912.250.456.....	Gentianales
B01.650.940.800.575.912.250.456.500.....	Apocynaceae
B01.650.940.800.575.912.250.456.500.043.....	Alstonia
B01.650.940.800.575.912.250.456.500.088.....	Amsonia
B01.650.940.800.575.912.250.456.500.131.....	Apocynum
B01.650.940.800.575.912.250.456.500.153.....	Asclepias
B01.650.940.800.575.912.250.456.500.174.....	Aspidosperma
B01.650.940.800.575.912.250.456.500.217.....	Calotropis

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.456.500.260.....	Catharanthus
B01.650.940.800.575.912.250.456.500.303.....	Cryptolepis
B01.650.940.800.575.912.250.456.500.325.....	Cynanchum
B01.650.940.800.575.912.250.456.500.336.....	Gymnema
B01.650.940.800.575.912.250.456.500.336.500.....	Gymnema sylvestre
B01.650.940.800.575.912.250.456.500.341.....	Hemidesmus
B01.650.940.800.575.912.250.456.500.346.....	Holarrhena
B01.650.940.800.575.912.250.456.500.389.....	Hoodia
B01.650.940.800.575.912.250.456.500.411.....	Marsdenia
B01.650.940.800.575.912.250.456.500.432.....	Nerium
B01.650.940.800.575.912.250.456.500.604.....	Ochrosia
B01.650.940.800.575.912.250.456.500.691.....	Periploca
B01.650.940.800.575.912.250.456.500.777.....	Rauwolfia
B01.650.940.800.575.912.250.456.500.833.....	Strophanthus
B01.650.940.800.575.912.250.456.500.888.....	Tabernaemontana
B01.650.940.800.575.912.250.456.500.944.....	Thevetia
B01.650.940.800.575.912.250.456.500.958.....	Tylophora
B01.650.940.800.575.912.250.456.500.972.....	Vinca
B01.650.940.800.575.912.250.456.500.979.....	Vincetoxicum
B01.650.940.800.575.912.250.456.500.986.....	Voacanga
B01.650.940.800.575.912.250.456.750.....	Gentianaceae
B01.650.940.800.575.912.250.456.750.188.....	Centaurium
B01.650.940.800.575.912.250.456.750.391.....	Gentiana
B01.650.940.800.575.912.250.456.750.492.....	Gentianella
B01.650.940.800.575.912.250.456.750.594.....	Swertia
B01.650.940.800.575.912.250.456.875.....	Loganiaceae
B01.650.940.800.575.912.250.456.875.500.....	Gelsemium
B01.650.940.800.575.912.250.456.875.750.....	Strychnos
B01.650.940.800.575.912.250.456.875.750.500.....	Strychnos nux-vomica
B01.650.940.800.575.912.250.456.937.....	Rubiaceae
B01.650.940.800.575.912.250.456.937.200.....	Cephaelis
B01.650.940.800.575.912.250.456.937.250.....	Cinchona
B01.650.940.800.575.912.250.456.937.275.....	Coffea
B01.650.940.800.575.912.250.456.937.377.....	Galium
B01.650.940.800.575.912.250.456.937.388.....	Gardenia
B01.650.940.800.575.912.250.456.937.404.....	Hamelia
B01.650.940.800.575.912.250.456.937.422.....	Hedyotis
B01.650.940.800.575.912.250.456.937.555.....	Mitragyna
B01.650.940.800.575.912.250.456.937.566.....	Morinda
B01.650.940.800.575.912.250.456.937.611.....	Oldenlandia
B01.650.940.800.575.912.250.456.937.805.....	Pausinystalia

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.456.937.844.....Psychotria
B01.650.940.800.575.912.250.456.937.876.....Rubia
B01.650.940.800.575.912.250.456.937.909.....Uncaria
B01.650.940.800.575.912.250.456.937.909.500.....Cat's Claw
B01.650.940.800.575.912.250.462.....Geraniaceae
B01.650.940.800.575.912.250.462.500.....Geranium
B01.650.940.800.575.912.250.462.750.....Pelargonium
B01.650.940.800.575.912.250.475.....Hamamelidaceae
B01.650.940.800.575.912.250.475.500.....Hamamelis
B01.650.940.800.575.912.250.475.750.....Liquidambar
B01.650.940.800.575.912.250.503.....Hippocastanaceae
B01.650.940.800.575.912.250.503.500.....Aesculus
B01.650.940.800.575.912.250.517.....Hippocrateaceae
B01.650.940.800.575.912.250.531.....Hydrophyllaceae
B01.650.940.800.575.912.250.572.....Krameriaceae
B01.650.940.800.575.912.250.583.....Lamiales
B01.650.940.800.575.912.250.583.040.....Acanthaceae
B01.650.940.800.575.912.250.583.040.022.....Justicia
B01.650.940.800.575.912.250.583.040.044.....Andrographis
B01.650.940.800.575.912.250.583.040.522.....Avicennia
B01.650.940.800.575.912.250.583.080.....Bignoniaceae
B01.650.940.800.575.912.250.583.080.500.....Tabebuia
B01.650.940.800.575.912.250.583.190.....Calceolariaceae
B01.650.940.800.575.912.250.583.300.....Craterostigma
B01.650.940.800.575.912.250.583.520.....Lamiaceae
B01.650.940.800.575.912.250.583.520.049.....Agastache
B01.650.940.800.575.912.250.583.520.051.....Ajuga
B01.650.940.800.575.912.250.583.520.075.....Ballota
B01.650.940.800.575.912.250.583.520.098.....Callicarpa
B01.650.940.800.575.912.250.583.520.121.....Clerodendrum
B01.650.940.800.575.912.250.583.520.166.....Coleus
B01.650.940.800.575.912.250.583.520.231.....Hedeoma
B01.650.940.800.575.912.250.583.520.297.....Hyptis
B01.650.940.800.575.912.250.583.520.330.....Hyssopus Plant
B01.650.940.800.575.912.250.583.520.362.....Isodon
B01.650.940.800.575.912.250.583.520.428.....Lavandula
B01.650.940.800.575.912.250.583.520.446.....Leonurus
B01.650.940.800.575.912.250.583.520.455.....Lycopus
B01.650.940.800.575.912.250.583.520.465.....Marrubium
B01.650.940.800.575.912.250.583.520.474.....Melissa
B01.650.940.800.575.912.250.583.520.483.....Mentha

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.583.520.483.444.....Mentha piperita
B01.650.940.800.575.912.250.583.520.483.500.....Mentha pulegium
B01.650.940.800.575.912.250.583.520.483.750.....Mentha spicata
B01.650.940.800.575.912.250.583.520.510.....Monarda
B01.650.940.800.575.912.250.583.520.538.....Nepeta
B01.650.940.800.575.912.250.583.520.647.....Ocimum
B01.650.940.800.575.912.250.583.520.647.500.....Ocimum basilicum
B01.650.940.800.575.912.250.583.520.647.750.....Ocimum sanctum
B01.650.940.800.575.912.250.583.520.702.....Origanum
B01.650.940.800.575.912.250.583.520.729.....Orthosiphon
B01.650.940.800.575.912.250.583.520.743.....Perilla
B01.650.940.800.575.912.250.583.520.743.500.....Perilla frutescens
B01.650.940.800.575.912.250.583.520.750.....Phlomis
B01.650.940.800.575.912.250.583.520.753.....Plectranthus
B01.650.940.800.575.912.250.583.520.754.....Pogostemon
B01.650.940.800.575.912.250.583.520.755.....Prunella
B01.650.940.800.575.912.250.583.520.757.....Rosmarinus
B01.650.940.800.575.912.250.583.520.922.....Salvia
B01.650.940.800.575.912.250.583.520.922.750.....Salvia miltiorrhiza
B01.650.940.800.575.912.250.583.520.922.770.....Salvia officinalis
B01.650.940.800.575.912.250.583.520.935.....Satureja
B01.650.940.800.575.912.250.583.520.942.....Scutellaria
B01.650.940.800.575.912.250.583.520.942.500.....Scutellaria baicalensis
B01.650.940.800.575.912.250.583.520.945.....Sideritis
B01.650.940.800.575.912.250.583.520.947.....Stachys
B01.650.940.800.575.912.250.583.520.948.....Teucrium
B01.650.940.800.575.912.250.583.520.974.....Thymus Plant
B01.650.940.800.575.912.250.583.520.987.....Vitex
B01.650.940.800.575.912.250.583.580.....Mimulus
B01.650.940.800.575.912.250.583.640.....Oleaceae
B01.650.940.800.575.912.250.583.640.333.....Forsythia
B01.650.940.800.575.912.250.583.640.374.....Fraxinus
B01.650.940.800.575.912.250.583.640.416.....Jasminum
B01.650.940.800.575.912.250.583.640.499.....Ligustrum
B01.650.940.800.575.912.250.583.640.666.....Olea
B01.650.940.800.575.912.250.583.640.833.....Syringa
B01.650.940.800.575.912.250.583.670.....Orobanchaceae
B01.650.940.800.575.912.250.583.670.175.....Cistanche
B01.650.940.800.575.912.250.583.670.270.....Euphrasia
B01.650.940.800.575.912.250.583.670.670.....Orobanche
B01.650.940.800.575.912.250.583.670.690.....Pedicularis

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.583.670.875.....Striga
B01.650.940.800.575.912.250.583.690.....Pedaliaceae
B01.650.940.800.575.912.250.583.690.500.....Harpagophytum
B01.650.940.800.575.912.250.583.690.750.....Sesamum
B01.650.940.800.575.912.250.583.700.....Plantaginaceae
B01.650.940.800.575.912.250.583.700.067.....Antirrhinum
B01.650.940.800.575.912.250.583.700.080.....Bacopa
B01.650.940.800.575.912.250.583.700.265.....Digitalis
B01.650.940.800.575.912.250.583.700.530.....Linaria
B01.650.940.800.575.912.250.583.700.680.....Penstemon
B01.650.940.800.575.912.250.583.700.690.....Picrorhiza
B01.650.940.800.575.912.250.583.700.700.....Plantago
B01.650.940.800.575.912.250.583.700.850.....Scoparia
B01.650.940.800.575.912.250.583.700.925.....Veronica
B01.650.940.800.575.912.250.583.750.....Rehmannia
B01.650.940.800.575.912.250.583.800.....Scrophulariaceae
B01.650.940.800.575.912.250.583.800.124.....Buddleja
B01.650.940.800.575.912.250.583.800.490.....Myoporum
B01.650.940.800.575.912.250.583.800.855.....Scrophularia
B01.650.940.800.575.912.250.583.800.899.....Verbascum
B01.650.940.800.575.912.250.583.990.....Verbenaceae
B01.650.940.800.575.912.250.583.990.411.....Lantana
B01.650.940.800.575.912.250.583.990.433.....Lippia
B01.650.940.800.575.912.250.583.990.855.....Verbena
B01.650.940.800.575.912.250.595.....Lurales
B01.650.940.800.575.912.250.595.200.....Calycanthaceae
B01.650.940.800.575.912.250.595.300.....Hernandiaceae
B01.650.940.800.575.912.250.595.400.....Lauraceae
B01.650.940.800.575.912.250.595.400.149.....Cinnamomum
B01.650.940.800.575.912.250.595.400.149.124.....Cinnamomum aromaticum
B01.650.940.800.575.912.250.595.400.149.249.....Cinnamomum camphora
B01.650.940.800.575.912.250.595.400.149.500.....Cinnamomum zeylanicum
B01.650.940.800.575.912.250.595.400.177.....Cryptocarya
B01.650.940.800.575.912.250.595.400.399.....Laurus
B01.650.940.800.575.912.250.595.400.524.....Lindera
B01.650.940.800.575.912.250.595.400.555.....Litsea
B01.650.940.800.575.912.250.595.400.587.....Ocotea
B01.650.940.800.575.912.250.595.400.650.....Persea
B01.650.940.800.575.912.250.595.400.737.....Sassafras
B01.650.940.800.575.912.250.595.400.825.....Umbellularia
B01.650.940.800.575.912.250.595.600.....Monimiaceae

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.595.600.500.....Peumus
B01.650.940.800.575.912.250.618.....Lilianaes
B01.650.940.800.575.912.250.618.050.....Alismatales
B01.650.940.800.575.912.250.618.050.500.....Aceraceae
B01.650.940.800.575.912.250.618.050.625.....Alismataceae
B01.650.940.800.575.912.250.618.050.625.044.....Alisma
B01.650.940.800.575.912.250.618.050.625.777.....Sagittaria
B01.650.940.800.575.912.250.618.050.750.....Araceae
B01.650.940.800.575.912.250.618.050.750.066.....Alocasia
B01.650.940.800.575.912.250.618.050.750.077.....Amorphophallus
B01.650.940.800.575.912.250.618.050.750.088.....Arisaema
B01.650.940.800.575.912.250.618.050.750.109.....Arum
B01.650.940.800.575.912.250.618.050.750.177.....Calla Plant
B01.650.940.800.575.912.250.618.050.750.199.....Colocasia
B01.650.940.800.575.912.250.618.050.750.211.....Cyrtosperma
B01.650.940.800.575.912.250.618.050.750.488.....Philodendron
B01.650.940.800.575.912.250.618.050.750.500.....Pinellia
B01.650.940.800.575.912.250.618.050.750.944.....Xanthosoma
B01.650.940.800.575.912.250.618.050.750.972.....Zantedeschia
B01.650.940.800.575.912.250.618.050.875.....Hydrocharitaceae
B01.650.940.800.575.912.250.618.050.937.....Potamogetonaceae
B01.650.940.800.575.912.250.618.050.968.....Zosteraceae
B01.650.940.800.575.912.250.618.100.....Asparagales
B01.650.940.800.575.912.250.618.100.050.....Amaryllidaceae
B01.650.940.800.575.912.250.618.100.050.060.....Allium
B01.650.940.800.575.912.250.618.100.050.060.149.....Chive
B01.650.940.800.575.912.250.618.100.050.060.300.....Garlic
B01.650.940.800.575.912.250.618.100.050.060.600.....Onions
B01.650.940.800.575.912.250.618.100.050.060.800.....Shallots
B01.650.940.800.575.912.250.618.100.050.178.....Crinum
B01.650.940.800.575.912.250.618.100.050.295.....Galanthus
B01.650.940.800.575.912.250.618.100.050.530.....Lycoris
B01.650.940.800.575.912.250.618.100.050.600.....Narcissus
B01.650.940.800.575.912.250.618.100.060.....Asparagaceae
B01.650.940.800.575.912.250.618.100.060.032.....Agave
B01.650.940.800.575.912.250.618.100.060.048.....Anemarrhena
B01.650.940.800.575.912.250.618.100.060.063.....Asparagus Plant
B01.650.940.800.575.912.250.618.100.060.125.....Camassia
B01.650.940.800.575.912.250.618.100.060.188.....Convallaria
B01.650.940.800.575.912.250.618.100.060.195.....Cordyline
B01.650.940.800.575.912.250.618.100.060.250.....Dracaena

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.618.100.060.313.....Drimia
B01.650.940.800.575.912.250.618.100.060.375.....Hosta
B01.650.940.800.575.912.250.618.100.060.400.....Hyacinthus
B01.650.940.800.575.912.250.618.100.060.500.....Liriope Plant
B01.650.940.800.575.912.250.618.100.060.560.....Maianthemum
B01.650.940.800.575.912.250.618.100.060.600.....Ophiopogon
B01.650.940.800.575.912.250.618.100.060.650.....Polygonatum
B01.650.940.800.575.912.250.618.100.060.725.....Ruscus
B01.650.940.800.575.912.250.618.100.060.800.....Sansevieria
B01.650.940.800.575.912.250.618.100.060.810.....Scilla
B01.650.940.800.575.912.250.618.100.060.980.....Yucca
B01.650.940.800.575.912.250.618.100.230.....Hypoxidaceae
B01.650.940.800.575.912.250.618.100.230.190.....Curculigo
B01.650.940.800.575.912.250.618.100.230.395.....Hypoxis
B01.650.940.800.575.912.250.618.100.400.....Iridaceae
B01.650.940.800.575.912.250.618.100.400.500.....Crocus
B01.650.940.800.575.912.250.618.100.400.750.....Iris Plant
B01.650.940.800.575.912.250.618.100.640.....Orchidaceae
B01.650.940.800.575.912.250.618.100.640.222.....Dendrobium
B01.650.940.800.575.912.250.618.100.640.500.....Gastrodia
B01.650.940.800.575.912.250.618.100.640.888.....Vanilla
B01.650.940.800.575.912.250.618.100.970.....Xanthorrhoeaceae
B01.650.940.800.575.912.250.618.100.970.500.....Aloe
B01.650.940.800.575.912.250.618.100.970.750.....Hemerocallis
B01.650.940.800.575.912.250.618.875.....Liliales
B01.650.940.800.575.912.250.618.875.088.....Alstroemeria
B01.650.940.800.575.912.250.618.875.175.....Colchicaceae
B01.650.940.800.575.912.250.618.875.175.170.....Colchicum
B01.650.940.800.575.912.250.618.875.180.....Corsiaceae
B01.650.940.800.575.912.250.618.875.500.....Liliaceae
B01.650.940.800.575.912.250.618.875.500.313.....Fritillaria
B01.650.940.800.575.912.250.618.875.500.500.....Lilium
B01.650.940.800.575.912.250.618.875.500.593.....Ornithogalum
B01.650.940.800.575.912.250.618.875.500.786.....Tulipa
B01.650.940.800.575.912.250.618.875.625.....Melanthiaceae
B01.650.940.800.575.912.250.618.875.625.860.....Trillium
B01.650.940.800.575.912.250.618.875.625.920.....Veratrum
B01.650.940.800.575.912.250.618.875.625.960.....Zigadenus
B01.650.940.800.575.912.250.618.875.750.....Smilacaceae
B01.650.940.800.575.912.250.618.875.750.500.....Smilax
B01.650.940.800.575.912.250.618.937.....Zingiberales

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.618.937.124.....Costus
B01.650.940.800.575.912.250.618.937.323.....Heliconiaceae
B01.650.940.800.575.912.250.618.937.522.....Marantaceae
B01.650.940.800.575.912.250.618.937.555.....Musaceae
B01.650.940.800.575.912.250.618.937.555.500.....Musa
B01.650.940.800.575.912.250.618.937.727.....Strelitziaceae
B01.650.940.800.575.912.250.618.937.900.....Zingiberaceae
B01.650.940.800.575.912.250.618.937.900.033.....Alpinia
B01.650.940.800.575.912.250.618.937.900.099.....Amomum
B01.650.940.800.575.912.250.618.937.900.166.....Curcuma
B01.650.940.800.575.912.250.618.937.900.333.....Elettaria
B01.650.940.800.575.912.250.618.937.900.444.....Ginger
B01.650.940.800.575.912.250.620.....Linaceae
B01.650.940.800.575.912.250.620.500.....Flax
B01.650.940.800.575.912.250.665.....Lythraceae
B01.650.940.800.575.912.250.665.249.....Cuphea
B01.650.940.800.575.912.250.665.374.....Lagerstroemia
B01.650.940.800.575.912.250.665.437.....Lawsonia Plant
B01.650.940.800.575.912.250.665.500.....Lythrum
B01.650.940.800.575.912.250.665.750.....Woodfordia
B01.650.940.800.575.912.250.685.....Magnoliaceae
B01.650.940.800.575.912.250.685.249.....Liriodendron
B01.650.940.800.575.912.250.685.500.....Magnolia
B01.650.940.800.575.912.250.690.....Malpighiaceae
B01.650.940.800.575.912.250.690.099.....Banisteriopsis
B01.650.940.800.575.912.250.690.355.....Galphimia
B01.650.940.800.575.912.250.700.....Malvaceae
B01.650.940.800.575.912.250.700.100.....Abelmoschus
B01.650.940.800.575.912.250.700.108.....Adansonia
B01.650.940.800.575.912.250.700.115.....Althaea
B01.650.940.800.575.912.250.700.148.....Bombax
B01.650.940.800.575.912.250.700.180.....Ceiba
B01.650.940.800.575.912.250.700.212.....Cola
B01.650.940.800.575.912.250.700.228.....Corchorus
B01.650.940.800.575.912.250.700.244.....Gossypium
B01.650.940.800.575.912.250.700.266.....Grewia
B01.650.940.800.575.912.250.700.288.....Hibiscus
B01.650.940.800.575.912.250.700.555.....Malva
B01.650.940.800.575.912.250.700.777.....Sida Plant
B01.650.940.800.575.912.250.700.888.....Sterculia
B01.650.940.800.575.912.250.700.944.....Tilia



## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.700.972.....Triumfetta
B01.650.940.800.575.912.250.707.....Melastomataceae
B01.650.940.800.575.912.250.715.....Meliaceae
B01.650.940.800.575.912.250.715.061.....Agliaia
B01.650.940.800.575.912.250.715.124.....Azadirachta
B01.650.940.800.575.912.250.715.249.....Cedrela
B01.650.940.800.575.912.250.715.500.....Melia
B01.650.940.800.575.912.250.715.500.500.....Melia azedarach
B01.650.940.800.575.912.250.725.....Menispermaceae
B01.650.940.800.575.912.250.725.111.....Cissampelos
B01.650.940.800.575.912.250.725.124.....Cocculus
B01.650.940.800.575.912.250.725.249.....Cyclea
B01.650.940.800.575.912.250.725.500.....Menispermum
B01.650.940.800.575.912.250.725.625.....Sinomenium
B01.650.940.800.575.912.250.725.750.....Stephania
B01.650.940.800.575.912.250.725.750.500.....Stephania tetrandra
B01.650.940.800.575.912.250.725.875.....Tinospora
B01.650.940.800.575.912.250.735.....Mistletoe
B01.650.940.800.575.912.250.735.249.....Loranthaceae
B01.650.940.800.575.912.250.735.888.....Viscaceae
B01.650.940.800.575.912.250.752.....Moringa
B01.650.940.800.575.912.250.752.500.....Moringa oleifera
B01.650.940.800.575.912.250.756.....Myoporaceae
B01.650.940.800.575.912.250.756.249.....Eremophila Plant
B01.650.940.800.575.912.250.765.....Myristicaceae
B01.650.940.800.575.912.250.765.500.....Myristica fragrans
B01.650.940.800.575.912.250.770.....Myrsinaceae
B01.650.940.800.575.912.250.773.....Myrtaceae
B01.650.940.800.575.912.250.773.366.....Eucalyptus
B01.650.940.800.575.912.250.773.374.....Eugenia
B01.650.940.800.575.912.250.773.522.....Feijoa
B01.650.940.800.575.912.250.773.649.....Kunzea
B01.650.940.800.575.912.250.773.713.....Leptospermum
B01.650.940.800.575.912.250.773.745.....Melaleuca
B01.650.940.800.575.912.250.773.761.....Myrtus
B01.650.940.800.575.912.250.773.777.....Pimenta
B01.650.940.800.575.912.250.773.888.....Psidium
B01.650.940.800.575.912.250.773.900.....Syzygium
B01.650.940.800.575.912.250.774.....Nelumbonaceae
B01.650.940.800.575.912.250.774.500.....Nelumbo
B01.650.940.800.575.912.250.776.....Nymphaeaceae

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.776.488.....Nuphar
B01.650.940.800.575.912.250.776.500.....Nymphaea
B01.650.940.800.575.912.250.778.....Nyssaceae
B01.650.940.800.575.912.250.778.188.....Camptotheca
B01.650.940.800.575.912.250.778.594.....Nyssa
B01.650.940.800.575.912.250.779.....Ochnaceae
B01.650.940.800.575.912.250.780.....Olacaceae
B01.650.940.800.575.912.250.786.....Onagraceae
B01.650.940.800.575.912.250.786.222.....Clarkia
B01.650.940.800.575.912.250.786.416.....Epilobium
B01.650.940.800.575.912.250.786.611.....Oenothera
B01.650.940.800.575.912.250.786.611.500.....Oenothera biennis
B01.650.940.800.575.912.250.789.....Oxalidaceae
B01.650.940.800.575.912.250.789.500.....Averrhoa
B01.650.940.800.575.912.250.791.....Paeonia
B01.650.940.800.575.912.250.792.....Pandanaceae
B01.650.940.800.575.912.250.795.....Papaveraceae
B01.650.940.800.575.912.250.795.124.....Argemone
B01.650.940.800.575.912.250.795.249.....Chelidonium
B01.650.940.800.575.912.250.795.312.....Corydalis
B01.650.940.800.575.912.250.795.374.....Eschscholzia
B01.650.940.800.575.912.250.795.437.....Fumaria
B01.650.940.800.575.912.250.795.500.....Papaver
B01.650.940.800.575.912.250.795.750.....Sanguinaria
B01.650.940.800.575.912.250.803.....Passifloraceae
B01.650.940.800.575.912.250.803.500.....Passiflora
B01.650.940.800.575.912.250.803.750.....Turnera
B01.650.940.800.575.912.250.812.....Piperaceae
B01.650.940.800.575.912.250.812.332.....Peperomia
B01.650.940.800.575.912.250.812.666.....Piper
B01.650.940.800.575.912.250.812.666.249.....Kava
B01.650.940.800.575.912.250.812.666.374.....Piper betle
B01.650.940.800.575.912.250.812.666.500.....Piper nigrum
B01.650.940.800.575.912.250.822.....Poaceae
B01.650.940.800.575.912.250.822.033.....Agropyron
B01.650.940.800.575.912.250.822.044.....Agrostis
B01.650.940.800.575.912.250.822.055.....Andropogon
B01.650.940.800.575.912.250.822.060.....Avena
B01.650.940.800.575.912.250.822.066.....Bambusa
B01.650.940.800.575.912.250.822.071.....Brachiaria
B01.650.940.800.575.912.250.822.072.....Brachypodium

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.822.077.....	Bromus
B01.650.940.800.575.912.250.822.151.....	Cenchrus
B01.650.940.800.575.912.250.822.227.....	Coix
B01.650.940.800.575.912.250.822.266.....	Cymbopogon
B01.650.940.800.575.912.250.822.288.....	Cynodon
B01.650.940.800.575.912.250.822.299.....	Dactylis
B01.650.940.800.575.912.250.822.311.....	Digitaria
B01.650.940.800.575.912.250.822.322.....	Echinochloa
B01.650.940.800.575.912.250.822.333.....	Eleusine
B01.650.940.800.575.912.250.822.344.....	Elymus
B01.650.940.800.575.912.250.822.355.....	Eragrostis
B01.650.940.800.575.912.250.822.427.....	Festuca
B01.650.940.800.575.912.250.822.463.....	Holcus
B01.650.940.800.575.912.250.822.481.....	Hordeum
B01.650.940.800.575.912.250.822.500.....	Lolium
B01.650.940.800.575.912.250.822.558.....	Melinis repens
B01.650.940.800.575.912.250.822.587.....	Millets
B01.650.940.800.575.912.250.822.616.....	Oryza
B01.650.940.800.575.912.250.822.680.....	Panicum
B01.650.940.800.575.912.250.822.744.....	Paspalum
B01.650.940.800.575.912.250.822.755.....	Pennisetum
B01.650.940.800.575.912.250.822.777.....	Phalaris
B01.650.940.800.575.912.250.822.788.....	Phleum
B01.650.940.800.575.912.250.822.793.....	Poa
B01.650.940.800.575.912.250.822.835.....	Saccharum
B01.650.940.800.575.912.250.822.844.....	Sasa
B01.650.940.800.575.912.250.822.857.....	Secale
B01.650.940.800.575.912.250.822.871.....	Setaria Plant
B01.650.940.800.575.912.250.822.894.....	Sorghum
B01.650.940.800.575.912.250.822.906.....	Triticale
B01.650.940.800.575.912.250.822.918.....	Triticum
B01.650.940.800.575.912.250.822.942.....	Chrysopogon
B01.650.940.800.575.912.250.822.966.....	Zea mays
B01.650.940.800.575.912.250.825.....	Polygonaceae
B01.650.940.800.575.912.250.825.306.....	Eriogonum
B01.650.940.800.575.912.250.825.333.....	Fagopyrum
B01.650.940.800.575.912.250.825.359.....	Fallopia
B01.650.940.800.575.912.250.825.359.500.....	Fallopia japonica
B01.650.940.800.575.912.250.825.359.590.....	Fallopia multiflora
B01.650.940.800.575.912.250.825.437.....	Polygonum
B01.650.940.800.575.912.250.825.700.....	Rheum

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.825.850.....Rumex
B01.650.940.800.575.912.250.826.....Pontederiaceae
B01.650.940.800.575.912.250.826.500.....Eichhornia
B01.650.940.800.575.912.250.831.....Proteaceae
B01.650.940.800.575.912.250.831.500.....Macadamia
B01.650.940.800.575.912.250.833.....Punicaceae
B01.650.940.800.575.912.250.835.....Pyrolaceae
B01.650.940.800.575.912.250.838.....Ranunculaceae
B01.650.940.800.575.912.250.838.022.....Aconitum
B01.650.940.800.575.912.250.838.033.....Actaea
B01.650.940.800.575.912.250.838.036.....Adonis
B01.650.940.800.575.912.250.838.077.....Anemone
B01.650.940.800.575.912.250.838.088.....Aquilegia
B01.650.940.800.575.912.250.838.182.....Cimicifuga
B01.650.940.800.575.912.250.838.205.....Clematis
B01.650.940.800.575.912.250.838.229.....Coptis
B01.650.940.800.575.912.250.838.277.....Delphinium
B01.650.940.800.575.912.250.838.337.....Helleborus
B01.650.940.800.575.912.250.838.397.....Hydrastis
B01.650.940.800.575.912.250.838.518.....Nigella
B01.650.940.800.575.912.250.838.518.500.....Nigella damascena
B01.650.940.800.575.912.250.838.518.750.....Nigella sativa
B01.650.940.800.575.912.250.838.666.....Pulsatilla
B01.650.940.800.575.912.250.838.733.....Ranunculus
B01.650.940.800.575.912.250.838.766.....Semiaquilegia
B01.650.940.800.575.912.250.838.883.....Thalictrum
B01.650.940.800.575.912.250.838.941.....Xanthorhiza
B01.650.940.800.575.912.250.839.....Resedaceae
B01.650.940.800.575.912.250.841.....Rhizophoraceae
B01.650.940.800.575.912.250.859.....Rosanae
B01.650.940.800.575.912.250.859.250.....Calophyllum
B01.650.940.800.575.912.250.859.500.....Celastrales
B01.650.940.800.575.912.250.859.500.750.....Celastraceae
B01.650.940.800.575.912.250.859.500.750.155.....Catha
B01.650.940.800.575.912.250.859.500.750.199.....Celastrus
B01.650.940.800.575.912.250.859.500.750.366.....Euonymus
B01.650.940.800.575.912.250.859.500.750.577.....Maytenus
B01.650.940.800.575.912.250.859.500.750.682.....Salacia
B01.650.940.800.575.912.250.859.500.750.788.....Tripterygium
B01.650.940.800.575.912.250.859.625.....Clusiaceae
B01.650.940.800.575.912.250.859.625.249.....Clusia

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.859.625.333.....Garcinia
B01.650.940.800.575.912.250.859.625.333.200.....Garcinia cambogia
B01.650.940.800.575.912.250.859.625.333.400.....Garcinia kola
B01.650.940.800.575.912.250.859.625.333.600.....Garcinia mangostana
B01.650.940.800.575.912.250.859.625.500.....Hypericum
B01.650.940.800.575.912.250.859.625.750.....Mammea
B01.650.940.800.575.912.250.859.688.....Dipterocarpaceae
B01.650.940.800.575.912.250.859.750.....Fagales
B01.650.940.800.575.912.250.859.750.200.....Betulaceae
B01.650.940.800.575.912.250.859.750.200.500.....Alnus
B01.650.940.800.575.912.250.859.750.200.750.....Betula
B01.650.940.800.575.912.250.859.750.200.875.....Corylus
B01.650.940.800.575.912.250.859.750.300.....Fagaceae
B01.650.940.800.575.912.250.859.750.300.249.....Fagus
B01.650.940.800.575.912.250.859.750.300.500.....Quercus
B01.650.940.800.575.912.250.859.750.500.....Juglandaceae
B01.650.940.800.575.912.250.859.750.500.249.....Carya
B01.650.940.800.575.912.250.859.750.500.500.....Juglans
B01.650.940.800.575.912.250.859.750.700.....Myricaceae
B01.650.940.800.575.912.250.859.750.700.500.....Myrica
B01.650.940.800.575.912.250.859.844.....Polygalaceae
B01.650.940.800.575.912.250.859.844.500.....Polygala
B01.650.940.800.575.912.250.859.844.750.....Securidaca
B01.650.940.800.575.912.250.859.937.....Rosales
B01.650.940.800.575.912.250.859.937.055.....Cannabaceae
B01.650.940.800.575.912.250.859.937.055.500.....Cannabis
B01.650.940.800.575.912.250.859.937.055.750.....Humulus
B01.650.940.800.575.912.250.859.937.055.875.....Trema
B01.650.940.800.575.912.250.859.937.110.....Chrysobalanaceae
B01.650.940.800.575.912.250.859.937.222.....Connaraceae
B01.650.940.800.575.912.250.859.937.249.....Crassulaceae
B01.650.940.800.575.912.250.859.937.249.249.....Kalanchoe
B01.650.940.800.575.912.250.859.937.249.500.....Rhodiola
B01.650.940.800.575.912.250.859.937.249.750.....Sedum
B01.650.940.800.575.912.250.859.937.280.....Elaeagnaceae
B01.650.940.800.575.912.250.859.937.280.500.....Hippophae
B01.650.940.800.575.912.250.859.937.311.....Grossulariaceae
B01.650.940.800.575.912.250.859.937.311.500.....Ribes
B01.650.940.800.575.912.250.859.937.374.....Hydrangeaceae
B01.650.940.800.575.912.250.859.937.374.500.....Hydrangea
B01.650.940.800.575.912.250.859.937.406.....Moraceae

## 2018 MeSH Tree Hierarchy

Tree location
B01.650.940.800.575.912.250.859.937.406.055.....Antiaris
B01.650.940.800.575.912.250.859.937.406.088.....Artocarpus
B01.650.940.800.575.912.250.859.937.406.144.....Broussonetia
B01.650.940.800.575.912.250.859.937.406.500.....Ficus
B01.650.940.800.575.912.250.859.937.406.599.....Maclura
B01.650.940.800.575.912.250.859.937.406.633.....Morus
B01.650.940.800.575.912.250.859.937.437.....Rhamnaceae
B01.650.940.800.575.912.250.859.937.437.111.....Ceanothus
B01.650.940.800.575.912.250.859.937.437.133.....Colubrina
B01.650.940.800.575.912.250.859.937.437.316.....Frangula
B01.650.940.800.575.912.250.859.937.437.408.....Karwinskia
B01.650.940.800.575.912.250.859.937.437.666.....Rhamnus
B01.650.940.800.575.912.250.859.937.437.833.....Ziziphus
B01.650.940.800.575.912.250.859.937.500.....Rosaceae
B01.650.940.800.575.912.250.859.937.500.033.....Agrimonia
B01.650.940.800.575.912.250.859.937.500.055.....Alchemilla
B01.650.940.800.575.912.250.859.937.500.177.....Crataegus
B01.650.940.800.575.912.250.859.937.500.222.....Eriobotrya
B01.650.940.800.575.912.250.859.937.500.244.....Filipendula
B01.650.940.800.575.912.250.859.937.500.266.....Fragaria
B01.650.940.800.575.912.250.859.937.500.288.....Geum
B01.650.940.800.575.912.250.859.937.500.444.....Malus
B01.650.940.800.575.912.250.859.937.500.522.....Photinia
B01.650.940.800.575.912.250.859.937.500.601.....Potentilla
B01.650.940.800.575.912.250.859.937.500.625.....Prunus
B01.650.940.800.575.912.250.859.937.500.625.250.....Prunus africana
B01.650.940.800.575.912.250.859.937.500.625.375.....Prunus armeniaca
B01.650.940.800.575.912.250.859.937.500.625.400.....Prunus avium
B01.650.940.800.575.912.250.859.937.500.625.450.....Prunus domestica
B01.650.940.800.575.912.250.859.937.500.625.500.....Prunus dulcis
B01.650.940.800.575.912.250.859.937.500.625.750.....Prunus persica
B01.650.940.800.575.912.250.859.937.500.693.....Pyracantha
B01.650.940.800.575.912.250.859.937.500.699.....Pyrus
B01.650.940.800.575.912.250.859.937.500.724.....Quillaja
B01.650.940.800.575.912.250.859.937.500.750.....Rosa
B01.650.940.800.575.912.250.859.937.500.764.....Rubus
B01.650.940.800.575.912.250.859.937.500.779.....Sanguisorba
B01.650.940.800.575.912.250.859.937.500.793.....Sorbus
B01.650.940.800.575.912.250.859.937.500.808.....Spiraea
B01.650.940.800.575.912.250.859.937.750.....Saxifragaceae
B01.650.940.800.575.912.250.859.937.750.500.....Heuchera

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.859.937.844.....	Ulmaceae
B01.650.940.800.575.912.250.859.937.844.888.....	Ulmus
B01.650.940.800.575.912.250.859.937.937.....	Urticaceae
B01.650.940.800.575.912.250.859.937.937.077.....	Boehmeria
B01.650.940.800.575.912.250.859.937.937.427.....	Cecropia Plant
B01.650.940.800.575.912.250.859.937.937.777.....	Parietaria
B01.650.940.800.575.912.250.859.937.937.888.....	Urtica dioica
B01.650.940.800.575.912.250.875.....	Rutaceae
B01.650.940.800.575.912.250.875.077.....	Aegle
B01.650.940.800.575.912.250.875.155.....	Casimiroa
B01.650.940.800.575.912.250.875.177.....	Citrus
B01.650.940.800.575.912.250.875.177.077.....	Citrus aurantiifolia
B01.650.940.800.575.912.250.875.177.538.....	Citrus paradisi
B01.650.940.800.575.912.250.875.177.769.....	Citrus sinensis
B01.650.940.800.575.912.250.875.216.....	Clausena
B01.650.940.800.575.912.250.875.255.....	Dictamnus
B01.650.940.800.575.912.250.875.333.....	Evodia
B01.650.940.800.575.912.250.875.666.....	Murraya
B01.650.940.800.575.912.250.875.717.....	Phellodendron
B01.650.940.800.575.912.250.875.733.....	Pilocarpus
B01.650.940.800.575.912.250.875.755.....	Poncirus
B01.650.940.800.575.912.250.875.788.....	Ruta
B01.650.940.800.575.912.250.875.922.....	Zanthoxylum
B01.650.940.800.575.912.250.881.....	Salicaceae
B01.650.940.800.575.912.250.881.333.....	Casearia
B01.650.940.800.575.912.250.881.666.....	Populus
B01.650.940.800.575.912.250.881.833.....	Salix
B01.650.940.800.575.912.250.882.....	Salvadoraceae
B01.650.940.800.575.912.250.884.....	Santalaceae
B01.650.940.800.575.912.250.884.333.....	Phoradendron
B01.650.940.800.575.912.250.884.666.....	Pyricularia
B01.650.940.800.575.912.250.884.833.....	Santalum
B01.650.940.800.575.912.250.884.916.....	Viscum
B01.650.940.800.575.912.250.884.916.500.....	Viscum album
B01.650.940.800.575.912.250.885.....	Sapindaceae
B01.650.940.800.575.912.250.885.056.....	Acer
B01.650.940.800.575.912.250.885.111.....	Blighia
B01.650.940.800.575.912.250.885.444.....	Litchi
B01.650.940.800.575.912.250.885.722.....	Paullinia
B01.650.940.800.575.912.250.885.861.....	Sapindus
B01.650.940.800.575.912.250.888.....	Saururaceae

## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.888.500.....	Houttuynia
B01.650.940.800.575.912.250.889.....	Schisandraceae
B01.650.940.800.575.912.250.889.250.....	Illicium
B01.650.940.800.575.912.250.889.500.....	Kadsura
B01.650.940.800.575.912.250.889.750.....	Schisandra
B01.650.940.800.575.912.250.898.....	Simaroubaceae
B01.650.940.800.575.912.250.898.044.....	Ailanthus
B01.650.940.800.575.912.250.898.111.....	Brucea
B01.650.940.800.575.912.250.898.333.....	Eurycoma
B01.650.940.800.575.912.250.898.555.....	Picrasma
B01.650.940.800.575.912.250.898.599.....	Quassia
B01.650.940.800.575.912.250.898.799.....	Simarouba
B01.650.940.800.575.912.250.905.....	Solanaceae
B01.650.940.800.575.912.250.905.049.....	Atropa
B01.650.940.800.575.912.250.905.049.222.....	Atropa belladonna
B01.650.940.800.575.912.250.905.145.....	Capsicum
B01.650.940.800.575.912.250.905.166.....	Cestrum
B01.650.940.800.575.912.250.905.188.....	Datura
B01.650.940.800.575.912.250.905.188.550.....	Datura metel
B01.650.940.800.575.912.250.905.188.800.....	Datura stramonium
B01.650.940.800.575.912.250.905.202.....	Duboisia
B01.650.940.800.575.912.250.905.274.....	Hyoscyamus
B01.650.940.800.575.912.250.905.310.....	Lycium
B01.650.940.800.575.912.250.905.322.....	Lycopersicon esculentum
B01.650.940.800.575.912.250.905.347.....	Mandragora
B01.650.940.800.575.912.250.905.448.....	Petunia
B01.650.940.800.575.912.250.905.499.....	Physalis
B01.650.940.800.575.912.250.905.612.....	Scopolia
B01.650.940.800.575.912.250.905.725.....	Solanum
B01.650.940.800.575.912.250.905.725.610.....	Solanum glaucophyllum
B01.650.940.800.575.912.250.905.725.666.....	Solanum melongena
B01.650.940.800.575.912.250.905.725.699.....	Solanum nigrum
B01.650.940.800.575.912.250.905.725.777.....	Solanum tuberosum
B01.650.940.800.575.912.250.905.900.....	Tobacco
B01.650.940.800.575.912.250.905.950.....	Withania
B01.650.940.800.575.912.250.910.....	Stemonaceae
B01.650.940.800.575.912.250.915.....	Sterculiaceae
B01.650.940.800.575.912.250.915.144.....	Cacao
B01.650.940.800.575.912.250.932.....	Thymelaeaceae
B01.650.940.800.575.912.250.932.500.....	Daphne
B01.650.940.800.575.912.250.932.909.....	Wikstroemia



## 2018 MeSH Tree Hierarchy

Tree location	
B01.650.940.800.575.912.250.938.....	Tiliaceae
B01.650.940.800.575.912.250.942.....	Tropaeolaceae
B01.650.940.800.575.912.250.942.500.....	Tropaeolum
B01.650.940.800.575.912.250.948.....	Typhaceae
B01.650.940.800.575.912.250.962.....	Violaceae
B01.650.940.800.575.912.250.962.888.....	Viola
B01.650.940.800.575.912.250.965.....	Vitaceae
B01.650.940.800.575.912.250.965.044.....	Ampelopsis
B01.650.940.800.575.912.250.965.272.....	Cissus
B01.650.940.800.575.912.250.965.500.....	Vitis
B01.650.940.800.575.912.250.970.....	Winteraceae
B01.650.940.800.575.912.250.970.199.....	Drimys
B01.650.940.800.575.912.250.970.599.....	Pseudowintera
B01.650.940.800.575.912.250.987.....	Zygophyllaceae
B01.650.940.800.575.912.250.987.088.....	Balanites
B01.650.940.800.575.912.250.987.277.....	Guaiacum
B01.650.940.800.575.912.250.987.399.....	Larrea
B01.650.940.800.575.912.250.987.699.....	Peganum
B01.650.940.800.575.912.250.987.849.....	Tribulus
B01.650.940.800.575.912.250.987.924.....	Zygophyllum
B01.650.940.800.575.912.500.....	Pteridophyta
B01.675.....	Retortamonadidae
B01.680.....	Rhizaria
B01.680.150.....	Cercozoa
B01.680.150.600.....	Plasmodiophorida
B01.680.275.....	Foraminifera
B01.680.400.....	Haplosporida
B01.750.....	Stramenopiles
B01.750.150.....	Chrysophyta
B01.750.150.600.....	Ochromonas
B01.750.600.....	Phaeophyta
B01.750.600.040.....	Ascophyllum
B01.750.600.212.....	Fucus
B01.750.600.425.....	Kelp
B01.750.600.450.....	Laminaria
B01.750.600.480.....	Macrocystis
B01.750.600.725.....	Sargassum
B01.750.600.800.....	Undaria
B01.750.875.....	Diatoms
B01.750.937.....	Oomycetes
B01.750.937.050.....	Achlya

## 2018 MeSH Tree Hierarchy

Tree location
B01.750.937.075.....Aphanomyces
B01.750.937.500.....Lagenidium
B01.750.937.710.....Peronospora
B01.750.937.715.....Phytophthora
B01.750.937.715.600.....Phytophthora infestans
B01.750.937.750.....Pythium
B01.750.937.825.....Saprolegnia
B02.....Archaea
B02.075.....Crenarchaeota
B02.075.200.....Desulfurococcales
B02.075.200.500.....Desulfurococcaceae
B02.075.200.500.050.....Aeropyrum
B02.075.200.650.....Pyrodictiaceae
B02.075.725.....Sulfolobales
B02.075.725.725.....Sulfolobaceae
B02.075.725.725.030.....Acidianus
B02.075.725.725.725.....Sulfolobus
B02.075.725.725.725.070.....Sulfolobus acidocaldarius
B02.075.725.725.725.800.....Sulfolobus solfataricus
B02.075.800.....Thermoproteales
B02.075.800.780.....Thermofilaceae
B02.075.800.800.....Thermoproteaceae
B02.075.800.800.650.....Pyrobaculum
B02.075.800.800.800.....Thermoproteus
B02.200.....Euryarchaeota
B02.200.080.....Archaeoglobales
B02.200.080.080.....Archaeoglobus
B02.200.080.080.100.....Archaeoglobus fulgidus
B02.200.400.....Halobacteriales
B02.200.400.400.....Halobacteriaceae
B02.200.400.400.400.....Haloarcula
B02.200.400.400.400.410.....Haloarcula marismortui
B02.200.400.400.410.....Halobacterium
B02.200.400.400.410.450.....Halobacterium salinarum
B02.200.400.400.420.....Halococcus
B02.200.400.400.440.....Haloferax
B02.200.400.400.440.500.....Haloferax mediterranei
B02.200.400.400.440.900.....Haloferax volcanii
B02.200.400.400.445.....Halorubrum
B02.200.400.400.550.....Natronobacterium
B02.200.400.400.560.....Natronococcus

## 2018 MeSH Tree Hierarchy

Tree location
B02.200.492.....Methanobacteriales
B02.200.492.500.....Methanobacteriaceae
B02.200.492.500.500.....Methanobacterium
B02.200.492.500.515.....Methanobrevibacter
B02.200.538.....Methanococcales
B02.200.538.262.....Methanocaldococcaceae
B02.200.538.262.500.....Methanocaldococcus
B02.200.538.525.....Methanococcaceae
B02.200.538.525.500.....Methanococcus
B02.200.705.....Methanomicrobiales
B02.200.705.500.....Methanomicrobiaceae
B02.200.705.750.....Methanospirillum
B02.200.765.....Methanosarcinales
B02.200.765.550.....Methanosarcinaceae
B02.200.765.550.550.....Methanosarcina
B02.200.765.550.550.200.....Methanosarcina barkeri
B02.200.825.....Thermococcales
B02.200.825.800.....Thermococcaceae
B02.200.825.800.650.....Pyrococcus
B02.200.825.800.650.020.....Pyrococcus abyssi
B02.200.825.800.650.300.....Pyrococcus furiosus
B02.200.825.800.650.400.....Pyrococcus horikoshii
B02.200.825.800.800.....Thermococcus
B02.200.850.....Thermoplasmatales
B02.200.850.800.....Thermoplasma
B02.500.....Korarchaeota
B02.600.....Nanoarchaeota
B03.....Bacteria
B03.026.....Acidobacteria
B03.054.....Agricultural Inoculants
B03.110.....Atypical Bacterial Forms
B03.110.422.....L Forms
B03.110.761.....Spheroplasts
B03.120.....Bacteria, Aerobic
B03.130.....Bacteria, Anaerobic
B03.135.....Bacteria, Thermotolerant
B03.140.....Bacteroidetes
B03.140.094.....Bacteroidaceae
B03.140.094.152.....Bacteroides
B03.140.094.152.400.....Bacteroides fragilis
B03.140.094.152.700.....Bacteroides thetaiotaomicron

## 2018 MeSH Tree Hierarchy

Tree location
B03.140.094.625.....Porphyromonas
B03.140.094.625.350.....Porphyromonas endodontalis
B03.140.094.625.515.....Porphyromonas gingivalis
B03.140.094.640.....Prevotella
B03.140.094.640.375.....Prevotella intermedia
B03.140.094.640.500.....Prevotella melaninogenica
B03.140.094.640.550.....Prevotella nigrescens
B03.140.094.640.700.....Prevotella ruminicola
B03.140.130.....Cytophagaceae
B03.140.130.150.....Cytophaga
B03.140.130.200.....Flexibacter
B03.140.190.....Flavobacteriaceae
B03.140.190.100.....Capnocytophaga
B03.140.190.120.....Chryseobacterium
B03.140.190.250.....Flavobacterium
B03.140.190.600.....Ornithobacterium
B03.140.190.700.....Riemerella
B03.140.190.800.....Tenacibaculum
B03.140.600.....Pedobacter
B03.140.750.....Rhodothermus
B03.140.800.....Sphingobacterium
B03.140.900.....Tannerella forsythia
B03.250.....Chlorobi
B03.250.140.....Chlorobium
B03.275.....Chloroflexi
B03.275.150.....Chloroflexus
B03.280.....Cyanobacteria
B03.280.100.....Anabaena
B03.280.100.150.....Anabaena cylindrica
B03.280.100.300.....Anabaena flos-aquae
B03.280.100.900.....Anabaena variabilis
B03.280.110.....Aphanizomenon
B03.280.200.....Cyanothece
B03.280.210.....Cylindrospermopsis
B03.280.500.....Microcystis
B03.280.550.....Nodularia
B03.280.575.....Nostoc
B03.280.575.150.....Nostoc commune
B03.280.575.500.....Nostoc muscorum
B03.280.612.....Oscillatoria
B03.280.650.....Plectonema

## 2018 MeSH Tree Hierarchy

Tree location
B03.280.697.....Spirulina
B03.280.745.....Synechococcus
B03.280.750.....Synechocystis
B03.280.875.....Trichodesmium
B03.300.....Endospore-Forming Bacteria
B03.300.390.....Gram-Positive Endospore-Forming Bacteria
B03.300.390.400.....Gram-Positive Endospore-Forming Rods
B03.300.390.400.158.....Bacillaceae
B03.300.390.400.158.108.....Anoxybacillus
B03.300.390.400.158.218.....Bacillus
B03.300.390.400.158.218.076.....Bacillus amyloliquefaciens
B03.300.390.400.158.218.151.....Bacillus anthracis
B03.300.390.400.158.218.252.....Bacillus cereus
B03.300.390.400.158.218.283.....Bacillus clausii
B03.300.390.400.158.218.314.....Bacillus coagulans
B03.300.390.400.158.218.345.....Bacillus firmus
B03.300.390.400.158.218.376.....Bacillus licheniformis
B03.300.390.400.158.218.500.....Bacillus megaterium
B03.300.390.400.158.218.613.....Bacillus pumilus
B03.300.390.400.158.218.725.....Bacillus subtilis
B03.300.390.400.158.218.800.....Bacillus thuringiensis
B03.300.390.400.158.400.....Geobacillus
B03.300.390.400.158.400.400.....Geobacillus stearothermophilus
B03.300.390.400.158.600.....Halobacillus
B03.300.390.400.158.900.....Virgibacillus
B03.300.390.400.160.....Brevibacillus
B03.300.390.400.200.....Clostridium
B03.300.390.400.200.025.....Clostridium acetobutylicum
B03.300.390.400.200.100.....Clostridium beijerinckii
B03.300.390.400.200.130.....Clostridium bifermentans
B03.300.390.400.200.160.....Clostridium botulinum
B03.300.390.400.200.160.050.....Clostridium botulinum type A
B03.300.390.400.200.160.100.....Clostridium botulinum type B
B03.300.390.400.200.160.150.....Clostridium botulinum type C
B03.300.390.400.200.160.200.....Clostridium botulinum type D
B03.300.390.400.200.160.250.....Clostridium botulinum type E
B03.300.390.400.200.160.300.....Clostridium botulinum type F
B03.300.390.400.200.160.350.....Clostridium botulinum type G
B03.300.390.400.200.180.....Clostridium butyricum
B03.300.390.400.200.200.....Clostridium cellulolyticum
B03.300.390.400.200.205.....Clostridium cellulovorans

## 2018 MeSH Tree Hierarchy

Tree location
B03.300.390.400.200.215.....Clostridium chauvoei
B03.300.390.400.200.250.....Clostridium difficile
B03.300.390.400.200.412.....Clostridium histolyticum
B03.300.390.400.200.493.....Clostridium kluveri
B03.300.390.400.200.575.....Clostridium perfringens
B03.300.390.400.200.690.....Clostridium septicum
B03.300.390.400.200.700.....Clostridium sordellii
B03.300.390.400.200.710.....Clostridium sticklandii
B03.300.390.400.200.713.....Clostridium symbiosum
B03.300.390.400.200.722.....Clostridium tertium
B03.300.390.400.200.725.....Clostridium tetani
B03.300.390.400.200.740.....Clostridium tetanomorphum
B03.300.390.400.200.770.....Clostridium thermocellum
B03.300.390.400.200.800.....Clostridium tyrobutyricum
B03.300.390.400.500.....Micromonosporaceae
B03.300.390.400.500.500.....Micromonospora
B03.300.390.400.525.....Moorella
B03.300.390.400.645.....Paenibacillus
B03.300.390.400.645.500.....Paenibacillus larvae
B03.300.390.400.645.750.....Paenibacillus polymyxa
B03.300.390.400.790.....Saccharopolyspora
B03.300.390.400.800.....Staphylococcaceae
B03.300.390.400.800.750.....Staphylococcus
B03.300.390.400.800.750.100.....Staphylococcus aureus
B03.300.390.400.800.750.100.500.....Methicillin-Resistant Staphylococcus aureus
B03.300.390.400.800.750.222.....Staphylococcus capitis
B03.300.390.400.800.750.343.....Staphylococcus epidermidis
B03.300.390.400.800.750.400.....Staphylococcus haemolyticus
B03.300.390.400.800.750.425.....Staphylococcus hominis
B03.300.390.400.800.750.435.....Staphylococcus hyicus
B03.300.390.400.800.750.445.....Staphylococcus intermedius
B03.300.390.400.800.750.500.....Staphylococcus lugdunensis
B03.300.390.400.800.750.750.....Staphylococcus saprophyticus
B03.300.390.400.810.....Streptomycetaceae
B03.300.390.400.810.768.....Streptomyces
B03.300.390.400.810.768.100.....Streptomyces antibioticus
B03.300.390.400.810.768.125.....Streptomyces aureofaciens
B03.300.390.400.810.768.200.....Streptomyces coelicolor
B03.300.390.400.810.768.375.....Streptomyces griseus
B03.300.390.400.810.768.500.....Streptomyces lividans
B03.300.390.400.810.768.750.....Streptomyces rimosus

## 2018 MeSH Tree Hierarchy

Tree location
B03.300.390.650.....Pasteuria
B03.300.390.825.....Sporosarcina
B03.353.....Firmicutes
B03.353.250.....Acidaminococcus
B03.353.500.....Bacillales
B03.353.500.050.....Alicyclobacillus
B03.353.500.100.....Bacillaceae
B03.353.500.100.108.....Anoxybacillus
B03.353.500.100.218.....Bacillus
B03.353.500.100.218.076.....Bacillus amyloliquefaciens
B03.353.500.100.218.151.....Bacillus anthracis
B03.353.500.100.218.252.....Bacillus cereus
B03.353.500.100.218.283.....Bacillus clausii
B03.353.500.100.218.314.....Bacillus coagulans
B03.353.500.100.218.345.....Bacillus firmus
B03.353.500.100.218.376.....Bacillus licheniformis
B03.353.500.100.218.500.....Bacillus megaterium
B03.353.500.100.218.613.....Bacillus pumilus
B03.353.500.100.218.725.....Bacillus subtilis
B03.353.500.100.218.800.....Bacillus thuringiensis
B03.353.500.100.400.....Geobacillus
B03.353.500.100.400.400.....Geobacillus stearothermophilus
B03.353.500.100.425.....Halobacillus
B03.353.500.117.....Brevibacillus
B03.353.500.120.....Brochothrix
B03.353.500.310.....Gemella
B03.353.500.500.....Listeria
B03.353.500.500.500.....Listeria monocytogenes
B03.353.500.645.....Paenibacillus
B03.353.500.645.500.....Paenibacillus larvae
B03.353.500.645.750.....Paenibacillus polymyxa
B03.353.500.650.....Pasteuria
B03.353.500.700.....Planococcaceae
B03.353.500.700.700.....Sporosarcina
B03.353.500.750.....Staphylococcaceae
B03.353.500.750.750.....Staphylococcus
B03.353.500.750.750.100.....Staphylococcus aureus
B03.353.500.750.750.100.500.....Methicillin-Resistant Staphylococcus aureus
B03.353.500.750.750.222.....Staphylococcus capitis
B03.353.500.750.750.343.....Staphylococcus epidermidis
B03.353.500.750.750.400.....Staphylococcus haemolyticus

## 2018 MeSH Tree Hierarchy

Tree location	
B03.353.500.750.750.425.....	Staphylococcus hominis
B03.353.500.750.750.435.....	Staphylococcus hyicus
B03.353.500.750.750.445.....	Staphylococcus intermedius
B03.353.500.750.750.500.....	Staphylococcus lugdunensis
B03.353.500.750.750.750.....	Staphylococcus saprophyticus
B03.353.500.875.....	Thermoactinomyces
B03.353.625.....	Clostridiales
B03.353.625.250.....	Butyrivibrio
B03.353.625.250.500.....	Butyrivibrio fibrisolvens
B03.353.625.375.....	Clostridiaceae
B03.353.625.375.500.....	Clostridium
B03.353.625.375.500.025.....	Clostridium acetobutylicum
B03.353.625.375.500.100.....	Clostridium beijerinckii
B03.353.625.375.500.130.....	Clostridium bifermentans
B03.353.625.375.500.160.....	Clostridium botulinum
B03.353.625.375.500.160.050.....	Clostridium botulinum type A
B03.353.625.375.500.160.100.....	Clostridium botulinum type B
B03.353.625.375.500.160.150.....	Clostridium botulinum type C
B03.353.625.375.500.160.200.....	Clostridium botulinum type D
B03.353.625.375.500.160.250.....	Clostridium botulinum type E
B03.353.625.375.500.160.300.....	Clostridium botulinum type F
B03.353.625.375.500.160.350.....	Clostridium botulinum type G
B03.353.625.375.500.180.....	Clostridium butyricum
B03.353.625.375.500.200.....	Clostridium cellulolyticum
B03.353.625.375.500.205.....	Clostridium cellulovorans
B03.353.625.375.500.215.....	Clostridium chauvoei
B03.353.625.375.500.250.....	Clostridium difficile
B03.353.625.375.500.412.....	Clostridium histolyticum
B03.353.625.375.500.493.....	Clostridium kluyveri
B03.353.625.375.500.575.....	Clostridium perfringens
B03.353.625.375.500.690.....	Clostridium septicum
B03.353.625.375.500.700.....	Clostridium sordellii
B03.353.625.375.500.710.....	Clostridium sticklandii
B03.353.625.375.500.713.....	Clostridium symbiosum
B03.353.625.375.500.722.....	Clostridium tertium
B03.353.625.375.500.725.....	Clostridium tetani
B03.353.625.375.500.740.....	Clostridium tetanomorphum
B03.353.625.375.500.770.....	Clostridium thermocellum
B03.353.625.375.500.800.....	Clostridium tyrobutyricum
B03.353.625.375.750.....	Sarcina
B03.353.625.750.....	Eubacterium



## 2018 MeSH Tree Hierarchy

Tree location	
B03.353.625.766.....	Faecalibacterium
B03.353.625.766.500.....	Faecalibacterium prausnitzii
B03.353.625.782.....	Peptococcaceae
B03.353.625.782.149.....	Desulfitobacterium
B03.353.625.782.297.....	Desulfotomaculum
B03.353.625.782.593.....	Peptococcus
B03.353.625.798.....	Peptostreptococcus
B03.353.625.806.....	Ruminococcus
B03.353.688.....	Erysipelothrix
B03.353.750.....	Lactobacillales
B03.353.750.030.....	Aerococcaceae
B03.353.750.030.014.....	Abiotrophia
B03.353.750.030.030.....	Aerococcus
B03.353.750.130.....	Carnobacteriaceae
B03.353.750.130.150.....	Carnobacterium
B03.353.750.250.....	Enterococcaceae
B03.353.750.250.250.....	Enterococcus
B03.353.750.250.250.280.....	Enterococcus faecalis
B03.353.750.250.250.300.....	Enterococcus faecium
B03.353.750.250.250.475.....	Enterococcus hirae
B03.353.750.250.250.650.....	Vancomycin-Resistant Enterococci
B03.353.750.450.....	Lactobacillaceae
B03.353.750.450.475.....	Lactobacillus
B03.353.750.450.475.100.....	Lactobacillus acidophilus
B03.353.750.450.475.180.....	Lactobacillus brevis
B03.353.750.450.475.225.....	Lactobacillus casei
B03.353.750.450.475.238.....	Lactobacillus crispatus
B03.353.750.450.475.250.....	Lactobacillus delbrueckii
B03.353.750.450.475.325.....	Lactobacillus fermentum
B03.353.750.450.475.363.....	Lactobacillus gasseri
B03.353.750.450.475.400.....	Lactobacillus helveticus
B03.353.750.450.475.453.....	Lactobacillus johnsonii
B03.353.750.450.475.506.....	Lactobacillus leichmannii
B03.353.750.450.475.559.....	Lactobacillus paracasei
B03.353.750.450.475.586.....	Lactobacillus pentosus
B03.353.750.450.475.612.....	Lactobacillus plantarum
B03.353.750.450.475.680.....	Lactobacillus reuteri
B03.353.750.450.475.700.....	Lactobacillus rhamnosus
B03.353.750.450.475.775.....	Lactobacillus sakei
B03.353.750.450.475.850.....	Lactobacillus salivarius
B03.353.750.450.737.....	Pediococcus

## 2018 MeSH Tree Hierarchy

Tree location	
B03.353.750.450.737.500.....	Pediococcus acidilactici
B03.353.750.450.737.750.....	Pediococcus pentosaceus
B03.353.750.475.....	Leuconostocaceae
B03.353.750.475.450.....	Leuconostoc
B03.353.750.475.450.500.....	Leuconostoc mesenteroides
B03.353.750.475.600.....	Oenococcus
B03.353.750.475.900.....	Weissella
B03.353.750.737.....	Streptococcaceae
B03.353.750.737.500.....	Lactococcus
B03.353.750.737.500.400.....	Lactococcus lactis
B03.353.750.737.872.....	Streptococcus
B03.353.750.737.872.100.....	Streptococcus agalactiae
B03.353.750.737.872.150.....	Streptococcus bovis
B03.353.750.737.872.225.....	Streptococcus equi
B03.353.750.737.872.243.....	Streptococcus gallolyticus
B03.353.750.737.872.243.500.....	Streptococcus gallolyticus subspecies gallolyticus
B03.353.750.737.872.260.....	Streptococcus gordonii
B03.353.750.737.872.405.....	Streptococcus iniae
B03.353.750.737.872.550.....	Streptococcus pneumoniae
B03.353.750.737.872.575.....	Streptococcus pyogenes
B03.353.750.737.872.663.....	Streptococcus salivarius
B03.353.750.737.872.750.....	Streptococcus suis
B03.353.750.737.872.800.....	Streptococcus thermophilus
B03.353.750.737.872.875.....	Viridans Streptococci
B03.353.750.737.872.875.475.....	Streptococcus milleri Group
B03.353.750.737.872.875.475.080.....	Streptococcus anginosus
B03.353.750.737.872.875.475.150.....	Streptococcus constellatus
B03.353.750.737.872.875.475.400.....	Streptococcus intermedius
B03.353.750.737.872.875.500.....	Streptococcus mitis
B03.353.750.737.872.875.520.....	Streptococcus mutans
B03.353.750.737.872.875.600.....	Streptococcus oralis
B03.353.750.737.872.875.700.....	Streptococcus sanguis
B03.353.750.737.872.875.750.....	Streptococcus sobrinus
B03.353.875.....	Moorella
B03.353.937.....	Thermoanaerobacter
B03.353.968.....	Thermoanaerobacterium
B03.353.984.....	Veillonellaceae
B03.370.....	Fusobacteria
B03.370.250.....	Fusobacterium
B03.370.250.400.....	Fusobacterium necrophorum
B03.370.250.500.....	Fusobacterium nucleatum

## 2018 MeSH Tree Hierarchy

Tree location
B03.370.437.....Leptotrichia
B03.370.600.....Propionigenium
B03.370.700.....Streptobacillus
B03.440.....Gram-Negative Bacteria
B03.440.040.....Anaplasmataceae
B03.440.040.050.....Anaplasma
B03.440.040.050.100.....Anaplasma centrale
B03.440.040.050.500.....Anaplasma marginale
B03.440.040.050.575.....Anaplasma ovis
B03.440.040.050.600.....Anaplasma phagocytophilum
B03.440.040.287.....Ehrlichia
B03.440.040.287.090.....Ehrlichia canis
B03.440.040.287.150.....Ehrlichia chaffeensis
B03.440.040.287.700.....Ehrlichia ruminantium
B03.440.040.525.....Neorickettsia
B03.440.040.525.700.....Neorickettsia risticii
B03.440.040.525.720.....Neorickettsia sennetsu
B03.440.050.....Arcobacter
B03.440.090.....Bartonellaceae
B03.440.090.100.....Bartonella
B03.440.090.100.080.....Bartonella bacilliformis
B03.440.090.100.350.....Bartonella henselae
B03.440.090.100.650.....Bartonella quintana
B03.440.097.....Brachyspira
B03.440.097.100.....Brachyspira hyodysenteriae
B03.440.100.....Buchnera
B03.440.180.....Campylobacter
B03.440.180.200.....Campylobacter coli
B03.440.180.325.....Campylobacter fetus
B03.440.180.375.....Campylobacter hyointestinalis
B03.440.180.425.....Campylobacter jejuni
B03.440.180.500.....Campylobacter lari
B03.440.180.650.....Campylobacter rectus
B03.440.180.700.....Campylobacter sputorum
B03.440.180.800.....Campylobacter upsaliensis
B03.440.190.....Chlamydiales
B03.440.190.190.....Chlamydiaceae
B03.440.190.190.190.....Chlamydia
B03.440.190.190.190.500.....Chlamydia muridarum
B03.440.190.190.190.750.....Chlamydia trachomatis
B03.440.190.190.230.....Chlamydomphila

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.190.190.230.249.....	Chlamydophila pneumoniae
B03.440.190.190.230.500.....	Chlamydophila psittaci
B03.440.210.....	Chloroflexus
B03.440.305.....	Fibrobacteres
B03.440.305.500.....	Fibrobacter
B03.440.400.....	Gram-Negative Aerobic Bacteria
B03.440.400.050.....	Acidobacteria
B03.440.400.280.....	Caulobacter
B03.440.400.280.280.....	Caulobacter crescentus
B03.440.400.400.....	Gallionellaceae
B03.440.400.425.....	Gram-Negative Aerobic Rods and Cocci
B03.440.400.425.100.....	Acetobacteraceae
B03.440.400.425.100.100.....	Acetobacter
B03.440.400.425.100.110.....	Acidiphilium
B03.440.400.425.100.550.....	Gluconobacter
B03.440.400.425.100.550.550.....	Gluconobacter oxydans
B03.440.400.425.103.....	Acidithiobacillus
B03.440.400.425.103.800.....	Acidithiobacillus thiooxidans
B03.440.400.425.115.....	Alcaligenaceae
B03.440.400.425.115.030.....	Achromobacter
B03.440.400.425.115.030.100.....	Achromobacter cycloclastes
B03.440.400.425.115.030.120.....	Achromobacter denitrificans
B03.440.400.425.115.050.....	Alcaligenes
B03.440.400.425.115.050.200.....	Alcaligenes faecalis
B03.440.400.425.115.425.....	Bordetella
B03.440.400.425.115.425.024.....	Bordetella avium
B03.440.400.425.115.425.050.....	Bordetella bronchiseptica
B03.440.400.425.115.425.590.....	Bordetella parapertussis
B03.440.400.425.115.425.600.....	Bordetella pertussis
B03.440.400.425.115.800.....	Taylorella
B03.440.400.425.115.800.200.....	Taylorella equigenitalis
B03.440.400.425.126.....	Alteromonas
B03.440.400.425.127.....	Azorhizobium
B03.440.400.425.127.100.....	Azorhizobium caulinodans
B03.440.400.425.180.....	Bdellovibrio
B03.440.400.425.180.500.....	Bdellovibrio bacteriovorus
B03.440.400.425.200.....	Bradyrhizobiaceae
B03.440.400.425.200.040.....	Afipia
B03.440.400.425.200.090.....	Bradyrhizobium
B03.440.400.425.200.520.....	Nitrobacter
B03.440.400.425.200.700.....	Rhodopseudomonas

## 2018 MeSH Tree Hierarchy

Tree location
B03.440.400.425.215.....Brucellaceae
B03.440.400.425.215.500.....Brucella
B03.440.400.425.215.500.100.....Brucella abortus
B03.440.400.425.215.500.150.....Brucella canis
B03.440.400.425.215.500.500.....Brucella melitensis
B03.440.400.425.215.500.625.....Brucella ovis
B03.440.400.425.215.500.750.....Brucella suis
B03.440.400.425.251.....Burkholderiaceae
B03.440.400.425.251.200.....Cupriavidus
B03.440.400.425.251.200.200.....Cupriavidus necator
B03.440.400.425.288.....Caulobacteraceae
B03.440.400.425.288.100.....Caulobacter
B03.440.400.425.288.100.100.....Caulobacter crescentus
B03.440.400.425.293.....Comamonadaceae
B03.440.400.425.293.150.....Comamonas
B03.440.400.425.293.150.750.....Comamonas testosteroni
B03.440.400.425.293.170.....Delftia
B03.440.400.425.293.170.030.....Delftia acidovorans
B03.440.400.425.293.750.....Sphaerotilus
B03.440.400.425.297.....Coxiellaceae
B03.440.400.425.297.150.....Coxiella
B03.440.400.425.297.150.100.....Coxiella burnetii
B03.440.400.425.300.....Cytophagaceae
B03.440.400.425.300.150.....Cytophaga
B03.440.400.425.300.200.....Flexibacter
B03.440.400.425.310.....Flavobacteriaceae
B03.440.400.425.310.120.....Chryseobacterium
B03.440.400.425.310.250.....Flavobacterium
B03.440.400.425.310.600.....Ornithobacterium
B03.440.400.425.310.700.....Riemerella
B03.440.400.425.310.800.....Tenacibaculum
B03.440.400.425.340.....Francisella
B03.440.400.425.340.590.....Francisella tularensis
B03.440.400.425.365.....Gluconacetobacter
B03.440.400.425.365.500.....Gluconacetobacter xylinus
B03.440.400.425.377.....Halomonadaceae
B03.440.400.425.377.249.....Chromohalobacter
B03.440.400.425.377.500.....Halomonas
B03.440.400.425.395.....Halothiobacillus
B03.440.400.425.450.....Legionellaceae
B03.440.400.425.450.450.....Legionella

## 2018 MeSH Tree Hierarchy

Tree location
B03.440.400.425.450.450.400.....Legionella longbeachae
B03.440.400.425.450.450.500.....Legionella pneumophila
B03.440.400.425.475.....Leptospiraceae
B03.440.400.425.475.475.....Leptospira
B03.440.400.425.475.475.400.....Leptospira interrogans
B03.440.400.425.475.475.400.050.....Leptospira interrogans serovar australis
B03.440.400.425.475.475.400.055.....Leptospira interrogans serovar autumnalis
B03.440.400.425.475.475.400.150.....Leptospira interrogans serovar canicola
B03.440.400.425.475.475.400.400.....Leptospira interrogans serovar hebdomadis
B03.440.400.425.475.475.400.420.....Leptospira interrogans serovar icterohaemorrhagiae
B03.440.400.425.475.475.400.650.....Leptospira interrogans serovar pomona
B03.440.400.425.481.....Leptothrix
B03.440.400.425.487.....Methylobacteriaceae
B03.440.400.425.487.500.....Methylobacterium
B03.440.400.425.487.500.150.....Methylobacterium extorquens
B03.440.400.425.500.....Methylococcaceae
B03.440.400.425.500.500.....Methylococcus
B03.440.400.425.500.500.100.....Methylococcus capsulatus
B03.440.400.425.500.505.....Methylomonas
B03.440.400.425.525.....Methylophilaceae
B03.440.400.425.525.500.....Methylobacillus
B03.440.400.425.525.520.....Methylophilus
B03.440.400.425.525.520.500.....Methylophilus methylotrophus
B03.440.400.425.537.....Moraxellaceae
B03.440.400.425.537.050.....Acinetobacter
B03.440.400.425.537.050.099.....Acinetobacter baumannii
B03.440.400.425.537.050.200.....Acinetobacter calcoaceticus
B03.440.400.425.537.525.....Moraxella
B03.440.400.425.537.525.200.....Moraxella (Branhamella) catarrhalis
B03.440.400.425.537.525.500.....Moraxella (Moraxella) bovis
B03.440.400.425.537.650.....Psychrobacter
B03.440.400.425.550.....Neisseriaceae
B03.440.400.425.550.400.....Kingella
B03.440.400.425.550.400.375.....Kingella kingae
B03.440.400.425.550.550.....Neisseria
B03.440.400.425.550.550.125.....Neisseria cinerea
B03.440.400.425.550.550.299.....Neisseria elongata
B03.440.400.425.550.550.474.....Neisseria gonorrhoeae
B03.440.400.425.550.550.600.....Neisseria lactamica
B03.440.400.425.550.550.641.....Neisseria meningitidis
B03.440.400.425.550.550.641.700.....Neisseria meningitidis, Serogroup A

## 2018 MeSH Tree Hierarchy

Tree location
B03.440.400.425.550.550.641.710.....Neisseria meningitidis, Serogroup B
B03.440.400.425.550.550.641.720.....Neisseria meningitidis, Serogroup C
B03.440.400.425.550.550.641.800.....Neisseria meningitidis, Serogroup W-135
B03.440.400.425.550.550.641.820.....Neisseria meningitidis, Serogroup Y
B03.440.400.425.550.550.660.....Neisseria mucosa
B03.440.400.425.550.550.800.....Neisseria sicca
B03.440.400.425.562.....Nitrosomonadaceae
B03.440.400.425.562.500.....Nitrosomonas
B03.440.400.425.562.500.200.....Nitrosomonas europaea
B03.440.400.425.575.....Ochrobactrum
B03.440.400.425.575.650.....Ochrobactrum anthropi
B03.440.400.425.587.....Oxalobacteraceae
B03.440.400.425.587.400.....Herbaspirillum
B03.440.400.425.600.....Paracoccus
B03.440.400.425.600.380.....Paracoccus denitrificans
B03.440.400.425.600.690.....Paracoccus pantotrophus
B03.440.400.425.611.....Pedobacter
B03.440.400.425.622.....Pseudoalteromonas
B03.440.400.425.625.....Pseudomonadaceae
B03.440.400.425.625.050.....Azotobacter
B03.440.400.425.625.050.850.....Azotobacter vinelandii
B03.440.400.425.625.150.....Cellvibrio
B03.440.400.425.625.625.....Pseudomonas
B03.440.400.425.625.625.100.....Pseudomonas aeruginosa
B03.440.400.425.625.625.120.....Pseudomonas alcaligenes
B03.440.400.425.625.625.223.....Pseudomonas chlororaphis
B03.440.400.425.625.625.325.....Pseudomonas fluorescens
B03.440.400.425.625.625.350.....Pseudomonas fragi
B03.440.400.425.625.625.500.....Pseudomonas mendocina
B03.440.400.425.625.625.650.....Pseudomonas oleovorans
B03.440.400.425.625.625.662.....Pseudomonas pseudoalcaligenes
B03.440.400.425.625.625.675.....Pseudomonas putida
B03.440.400.425.625.625.750.....Pseudomonas stutzeri
B03.440.400.425.625.625.770.....Pseudomonas syringae
B03.440.400.425.700.....Rhizobiaceae
B03.440.400.425.700.024.....Agrobacterium
B03.440.400.425.700.024.050.....Agrobacterium tumefaciens
B03.440.400.425.700.800.....Rhizobium
B03.440.400.425.700.800.337.....Rhizobium etli
B03.440.400.425.700.800.450.....Rhizobium leguminosarum
B03.440.400.425.700.800.600.....Rhizobium phaseoli

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.400.425.700.800.800.....	Rhizobium tropici
B03.440.400.425.700.887.....	Sinorhizobium
B03.440.400.425.700.887.249.....	Sinorhizobium fredii
B03.440.400.425.700.887.500.....	Sinorhizobium meliloti
B03.440.400.425.708.....	Rhodospirillaceae
B03.440.400.425.708.100.....	Azospirillum
B03.440.400.425.708.100.020.....	Azospirillum brasilense
B03.440.400.425.708.100.510.....	Azospirillum lipoferum
B03.440.400.425.708.500.....	Magnetospirillum
B03.440.400.425.708.733.....	Rhodospirillum
B03.440.400.425.708.733.150.....	Rhodospirillum centenum
B03.440.400.425.708.733.650.....	Rhodospirillum rubrum
B03.440.400.425.710.....	Rhodothermus
B03.440.400.425.745.....	Sphingobacterium
B03.440.400.425.750.....	Sphingomonas
B03.440.400.425.875.....	Thermus
B03.440.400.425.875.875.....	Thermus thermophilus
B03.440.400.425.935.....	Xanthobacter
B03.440.400.425.967.....	Xanthomonadaceae
B03.440.400.425.967.500.....	Lysobacter
B03.440.400.425.967.750.....	Stenotrophomonas
B03.440.400.425.967.750.500.....	Stenotrophomonas maltophilia
B03.440.400.425.967.930.....	Xanthomonas
B03.440.400.425.967.930.100.....	Xanthomonas campestris
B03.440.400.425.967.930.850.....	Xanthomonas vesicatoria
B03.440.400.425.967.950.....	Xylella
B03.440.400.425.983.....	Zoogloea
B03.440.400.450.....	Gram-Negative Chemolithotrophic Bacteria
B03.440.400.450.800.....	Thiobacillus
B03.440.400.645.....	Thiotrichaceae
B03.440.400.645.100.....	Beggiatoa
B03.440.400.645.800.....	Thiothrix
B03.440.400.840.....	Vitreoscilla
B03.440.425.....	Gram-Negative Anaerobic Bacteria
B03.440.425.400.....	Gram-Negative Anaerobic Cocci
B03.440.425.400.500.....	Megasphaera
B03.440.425.400.500.500.....	Megasphaera elsdenii
B03.440.425.400.750.....	Thiocapsa
B03.440.425.400.750.660.....	Thiocapsa roseopersicina
B03.440.425.410.....	Gram-Negative Anaerobic Straight, Curved, and Helical Rods
B03.440.425.410.073.....	Acidaminococcus



## 2018 MeSH Tree Hierarchy

Tree location
B03.440.425.410.145.....Anaerobiospirillum
B03.440.425.410.194.....Bacteroidaceae
B03.440.425.410.194.152.....Bacteroides
B03.440.425.410.194.152.400.....Bacteroides fragilis
B03.440.425.410.194.152.700.....Bacteroides thetaiotaomicron
B03.440.425.410.194.625.....Porphyromonas
B03.440.425.410.194.625.350.....Porphyromonas endodontalis
B03.440.425.410.194.625.515.....Porphyromonas gingivalis
B03.440.425.410.194.640.....Prevotella
B03.440.425.410.194.640.375.....Prevotella intermedia
B03.440.425.410.194.640.500.....Prevotella melaninogenica
B03.440.425.410.194.640.550.....Prevotella nigrescens
B03.440.425.410.194.640.700.....Prevotella ruminicola
B03.440.425.410.200.....Bilophila
B03.440.425.410.220.....Brachyspira
B03.440.425.410.220.100.....Brachyspira hyodysenteriae
B03.440.425.410.275.....Chlorobium
B03.440.425.410.290.....Chromatium
B03.440.425.410.350.....Desulfovibrio
B03.440.425.410.350.040.....Desulfovibrio africanus
B03.440.425.410.350.150.....Desulfovibrio desulfuricans
B03.440.425.410.350.350.....Desulfovibrio gigas
B03.440.425.410.350.875.....Desulfovibrio vulgaris
B03.440.425.410.360.....Desulfuromonas
B03.440.425.410.400.....Dichelobacter nodosus
B03.440.425.410.405.....Ectothiorhodospiraceae
B03.440.425.410.405.500.....Ectothiorhodospira
B03.440.425.410.405.500.720.....Ectothiorhodospira shaposhnikovii
B03.440.425.410.405.750.....Halorhodospira halophila
B03.440.425.410.413.....Faecalibacterium
B03.440.425.410.413.500.....Faecalibacterium prausnitzii
B03.440.425.410.420.....Fusobacterium
B03.440.425.410.420.400.....Fusobacterium necrophorum
B03.440.425.410.420.500.....Fusobacterium nucleatum
B03.440.425.410.430.....Geobacter
B03.440.425.410.535.....Leptotrichia
B03.440.425.410.580.....Oxalobacter formigenes
B03.440.425.410.600.....Propionigenium
B03.440.425.410.711.....Spirochaetaceae
B03.440.425.410.711.193.....Borrelia
B03.440.425.410.711.193.150.....Borrelia burgdorferi Group

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.425.410.711.193.150.125.....	<i>Borrelia burgdorferi</i>
B03.440.425.410.711.679.....	<i>Spirochaeta</i>
B03.440.425.410.711.795.....	<i>Treponema</i>
B03.440.425.410.711.795.700.....	<i>Treponema denticola</i>
B03.440.425.410.711.795.840.....	<i>Treponema pallidum</i>
B03.440.425.410.722.....	Succinivibrionaceae
B03.440.425.410.745.....	<i>Thauera</i>
B03.440.425.410.750.....	<i>Thermotoga maritima</i>
B03.440.425.410.760.....	<i>Thermotoga neapolitana</i>
B03.440.425.410.800.....	Veillonellaceae
B03.440.425.410.800.755.....	<i>Pectinatus</i>
B03.440.425.410.800.877.....	<i>Selenomonas</i>
B03.440.425.410.800.938.....	<i>Veillonella</i>
B03.440.425.410.875.....	<i>Wolinella</i>
B03.440.450.....	Gram-Negative Facultatively Anaerobic Rods
B03.440.450.009.....	<i>Actinobacillus</i>
B03.440.450.009.200.....	<i>Actinobacillus equuli</i>
B03.440.450.009.580.....	<i>Actinobacillus pleuropneumoniae</i>
B03.440.450.009.675.....	<i>Actinobacillus seminis</i>
B03.440.450.009.700.....	<i>Actinobacillus suis</i>
B03.440.450.019.....	Aeromonadaceae
B03.440.450.019.025.....	<i>Aeromonas</i>
B03.440.450.019.025.150.....	<i>Aeromonas caviae</i>
B03.440.450.019.025.380.....	<i>Aeromonas hydrophila</i>
B03.440.450.019.025.690.....	<i>Aeromonas salmonicida</i>
B03.440.450.019.025.845.....	<i>Aeromonas veronii</i>
B03.440.450.040.....	<i>Azoarcus</i>
B03.440.450.340.....	Capnocytophaga
B03.440.450.342.....	Cardiobacteriaceae
B03.440.450.342.100.....	<i>Cardiobacterium</i>
B03.440.450.342.550.....	<i>Dichelobacter nodosus</i>
B03.440.450.360.....	<i>Chromobacterium</i>
B03.440.450.400.....	<i>Eikenella</i>
B03.440.450.400.275.....	<i>Eikenella corrodens</i>
B03.440.450.425.....	Enterobacteriaceae
B03.440.450.425.180.....	<i>Calymmatobacterium</i>
B03.440.450.425.189.....	Carbapenem-Resistant Enterobacteriaceae
B03.440.450.425.198.....	<i>Cronobacter</i>
B03.440.450.425.198.150.....	<i>Cronobacter sakazakii</i>
B03.440.450.425.200.....	<i>Citrobacter</i>
B03.440.450.425.200.275.....	<i>Citrobacter freundii</i>

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.450.425.200.475.....	Citrobacter koseri
B03.440.450.425.200.737.....	Citrobacter rodentium
B03.440.450.425.260.....	Edwardsiella
B03.440.450.425.260.340.....	Edwardsiella ictaluri
B03.440.450.425.260.750.....	Edwardsiella tarda
B03.440.450.425.275.....	Enterobacter
B03.440.450.425.275.099.....	Enterobacter aerogenes
B03.440.450.425.275.200.....	Enterobacter cloacae
B03.440.450.425.300.....	Erwinia
B03.440.450.425.300.050.....	Erwinia amylovora
B03.440.450.425.325.....	Escherichia
B03.440.450.425.325.300.....	Escherichia coli
B03.440.450.425.325.300.330.....	Enteropathogenic Escherichia coli
B03.440.450.425.325.300.340.....	Enterotoxigenic Escherichia coli
B03.440.450.425.325.300.360.....	Escherichia coli K12
B03.440.450.425.325.300.580.....	Extraintestinal Pathogenic Escherichia coli
B03.440.450.425.325.300.580.500.....	Uropathogenic Escherichia coli
B03.440.450.425.325.300.800.....	Shiga-Toxigenic Escherichia coli
B03.440.450.425.325.300.800.250.....	Enterohemorrhagic Escherichia coli
B03.440.450.425.325.300.800.250.250.....	Escherichia coli O104
B03.440.450.425.325.300.800.250.500.....	Escherichia coli O157
B03.440.450.425.375.....	Hafnia
B03.440.450.425.375.050.....	Hafnia alvei
B03.440.450.425.425.....	Klebsiella
B03.440.450.425.425.580.....	Klebsiella oxytoca
B03.440.450.425.425.600.....	Klebsiella pneumoniae
B03.440.450.425.435.....	Kluyvera
B03.440.450.425.500.....	Morganella
B03.440.450.425.500.500.....	Morganella morganii
B03.440.450.425.580.....	Pantoea
B03.440.450.425.585.....	Pectobacterium
B03.440.450.425.585.120.....	Pectobacterium carotovorum
B03.440.450.425.585.150.....	Pectobacterium chrysanthemi
B03.440.450.425.590.....	Photobacterium
B03.440.450.425.595.....	Plesiomonas
B03.440.450.425.600.....	Proteus
B03.440.450.425.600.501.....	Proteus mirabilis
B03.440.450.425.600.650.....	Proteus penneri
B03.440.450.425.600.800.....	Proteus vulgaris
B03.440.450.425.670.....	Providencia
B03.440.450.425.800.....	Salmonella

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.450.425.800.100.....	Salmonella arizonae
B03.440.450.425.800.200.....	Salmonella enterica
B03.440.450.425.800.200.300.....	Salmonella enteritidis
B03.440.450.425.800.200.600.....	Salmonella paratyphi A
B03.440.450.425.800.200.700.....	Salmonella paratyphi B
B03.440.450.425.800.200.750.....	Salmonella paratyphi C
B03.440.450.425.800.200.800.....	Salmonella typhi
B03.440.450.425.800.200.825.....	Salmonella typhimurium
B03.440.450.425.814.....	Serratia
B03.440.450.425.814.620.....	Serratia liquefaciens
B03.440.450.425.814.664.....	Serratia marcescens
B03.440.450.425.850.....	Shigella
B03.440.450.425.850.175.....	Shigella boydii
B03.440.450.425.850.350.....	Shigella dysenteriae
B03.440.450.425.850.450.....	Shigella flexneri
B03.440.450.425.850.800.....	Shigella sonnei
B03.440.450.425.887.....	Wigglesworthia
B03.440.450.425.890.....	Xenorhabdus
B03.440.450.425.900.....	Yersinia
B03.440.450.425.900.300.....	Yersinia enterocolitica
B03.440.450.425.900.600.....	Yersinia pestis
B03.440.450.425.900.615.....	Yersinia pseudotuberculosis
B03.440.450.425.900.650.....	Yersinia ruckeri
B03.440.450.510.....	Moritella
B03.440.450.600.....	Pasteurellaceae
B03.440.450.600.224.....	Aggregatibacter
B03.440.450.600.224.500.....	Aggregatibacter actinomycetemcomitans
B03.440.450.600.224.750.....	Aggregatibacter aphrophilus
B03.440.450.600.224.875.....	Aggregatibacter segnis
B03.440.450.600.450.....	Haemophilus
B03.440.450.600.450.125.....	Haemophilus ducreyi
B03.440.450.600.450.330.....	Haemophilus influenzae
B03.440.450.600.450.330.150.....	Haemophilus influenzae type b
B03.440.450.600.450.665.....	Haemophilus paragallinarum
B03.440.450.600.450.675.....	Haemophilus parainfluenzae
B03.440.450.600.450.690.....	Haemophilus paraphrophilus
B03.440.450.600.450.700.....	Haemophilus parasuis
B03.440.450.600.450.750.....	Haemophilus somnus
B03.440.450.600.500.....	Mannheimia
B03.440.450.600.500.500.....	Mannheimia haemolytica
B03.440.450.600.600.....	Pasteurella

## 2018 MeSH Tree Hierarchy

Tree location	
B03.440.450.600.600.500.....	Pasteurella multocida
B03.440.450.600.600.650.....	Pasteurella pneumotropica
B03.440.450.650.....	Rahnella
B03.440.450.690.....	Shewanella
B03.440.450.690.590.....	Shewanella putrefaciens
B03.440.450.700.....	Streptobacillus
B03.440.450.900.....	Vibrionaceae
B03.440.450.900.050.....	Aliivibrio
B03.440.450.900.050.860.....	Aliivibrio fischeri
B03.440.450.900.050.930.....	Aliivibrio salmonicida
B03.440.450.900.500.....	Listonella
B03.440.450.900.604.....	Photobacterium
B03.440.450.900.859.....	Vibrio
B03.440.450.900.859.030.....	Vibrio alginolyticus
B03.440.450.900.859.225.....	Vibrio cholerae
B03.440.450.900.859.225.075.....	Vibrio cholerae non-O1
B03.440.450.900.859.225.151.....	Vibrio cholerae O1
B03.440.450.900.859.225.200.....	Vibrio cholerae O139
B03.440.450.900.859.500.....	Vibrio mimicus
B03.440.450.900.859.550.....	Vibrio parahaemolyticus
B03.440.450.900.859.900.....	Vibrio vulnificus
B03.440.450.980.....	Zymomonas
B03.440.475.....	Gram-Negative Oxygenic Photosynthetic Bacteria
B03.440.475.100.....	Cyanobacteria
B03.440.475.100.100.....	Anabaena
B03.440.475.100.100.150.....	Anabaena cylindrica
B03.440.475.100.100.300.....	Anabaena flos-aquae
B03.440.475.100.100.900.....	Anabaena variabilis
B03.440.475.100.110.....	Aphanizomenon
B03.440.475.100.200.....	Cyanothece
B03.440.475.100.210.....	Cylindrospermopsis
B03.440.475.100.500.....	Microcystis
B03.440.475.100.550.....	Nodularia
B03.440.475.100.575.....	Nostoc
B03.440.475.100.575.150.....	Nostoc commune
B03.440.475.100.575.500.....	Nostoc muscorum
B03.440.475.100.612.....	Oscillatoria
B03.440.475.100.650.....	Plectonema
B03.440.475.100.655.....	Prochlorophytes
B03.440.475.100.655.600.....	Prochlorococcus
B03.440.475.100.655.620.....	Prochloron

## 2018 MeSH Tree Hierarchy

Tree location
B03.440.475.100.655.640.....Prochlorothrix
B03.440.475.100.745.....Synechococcus
B03.440.475.100.750.....Synechocystis
B03.440.475.100.875.....Trichodesmium
B03.440.500.....Helicobacter
B03.440.500.250.....Helicobacter felis
B03.440.500.350.....Helicobacter heilmannii
B03.440.500.362.....Helicobacter hepaticus
B03.440.500.450.....Helicobacter mustelae
B03.440.500.550.....Helicobacter pylori
B03.440.520.....Lawsonia Bacteria
B03.440.540.....Methylosinus
B03.440.540.500.....Methylosinus trichosporium
B03.440.595.....Oceanospirillaceae
B03.440.602.....Ornithobacterium
B03.440.612.....Piscirickettsiaceae
B03.440.614.....Planctomycetales
B03.440.623.....Rhodobacter
B03.440.623.225.....Rhodobacter capsulatus
B03.440.623.700.....Rhodobacter sphaeroides
B03.440.645.....Rhodomicrobium
B03.440.646.....Rhodovulum
B03.440.647.....Rickettsiaceae
B03.440.647.650.....Rickettsiae
B03.440.647.650.550.....Orientia tsutsugamushi
B03.440.647.650.650.....Rickettsia
B03.440.647.650.650.040.....Rickettsia akari
B03.440.647.650.650.125.....Rickettsia conorii
B03.440.647.650.650.362.....Rickettsia felis
B03.440.647.650.650.600.....Rickettsia prowazekii
B03.440.647.650.650.650.....Rickettsia rickettsii
B03.440.647.650.650.810.....Rickettsia typhi
B03.440.647.825.....Wolbachia
B03.440.680.....Roseobacter
B03.440.840.....Spirillaceae
B03.440.840.750.....Spirillum
B03.440.860.....Tenericutes
B03.440.860.074.....Acholeplasmataceae
B03.440.860.074.150.....Acholeplasma
B03.440.860.074.150.500.....Acholeplasma laidlawii
B03.440.860.074.575.....Phytoplasma

## 2018 MeSH Tree Hierarchy

Tree location
B03.440.860.300.....Entomoplasmatales
B03.440.860.300.250.....Entomoplasmataceae
B03.440.860.300.750.....Spiroplasmataceae
B03.440.860.300.750.625.....Spiroplasma
B03.440.860.300.750.625.500.....Spiroplasma citri
B03.440.860.580.....Mycoplasmatales
B03.440.860.580.553.....Mycoplasmataceae
B03.440.860.580.553.553.....Mycoplasma
B03.440.860.580.553.553.050.....Mycoplasma agalactiae
B03.440.860.580.553.553.075.....Mycoplasma arthritis
B03.440.860.580.553.553.195.....Mycoplasma bovigenitalium
B03.440.860.580.553.553.200.....Mycoplasma bovis
B03.440.860.580.553.553.210.....Mycoplasma capricolum
B03.440.860.580.553.553.220.....Mycoplasma conjunctivae
B03.440.860.580.553.553.267.....Mycoplasma dispar
B03.440.860.580.553.553.315.....Mycoplasma fermentans
B03.440.860.580.553.553.345.....Mycoplasma gallisepticum
B03.440.860.580.553.553.355.....Mycoplasma genitalium
B03.440.860.580.553.553.400.....Mycoplasma hominis
B03.440.860.580.553.553.420.....Mycoplasma hyopneumoniae
B03.440.860.580.553.553.425.....Mycoplasma hyorhinis
B03.440.860.580.553.553.430.....Mycoplasma hyosynoviae
B03.440.860.580.553.553.450.....Mycoplasma iowae
B03.440.860.580.553.553.570.....Mycoplasma meleagridis
B03.440.860.580.553.553.585.....Mycoplasma mycoides
B03.440.860.580.553.553.630.....Mycoplasma orale
B03.440.860.580.553.553.635.....Mycoplasma ovipneumoniae
B03.440.860.580.553.553.645.....Mycoplasma penetrans
B03.440.860.580.553.553.650.....Mycoplasma pneumoniae
B03.440.860.580.553.553.670.....Mycoplasma pulmonis
B03.440.860.580.553.553.720.....Mycoplasma salivarium
B03.440.860.580.553.553.770.....Mycoplasma synoviae
B03.440.860.580.553.900.....Ureaplasma
B03.440.860.580.553.900.800.....Ureaplasma urealyticum
B03.440.930.....Verrucomicrobia
B03.510.....Gram-Positive Bacteria
B03.510.024.....Actinobacteria
B03.510.024.049.....Actinomycetales
B03.510.024.049.050.....Actinomycetaceae
B03.510.024.049.050.050.....Actinomyces
B03.510.024.049.050.050.050.....Actinomyces viscosus

## 2018 MeSH Tree Hierarchy

Tree location
B03.510.024.049.050.287.....Arcanobacterium
B03.510.024.049.050.525.....Mobiluncus
B03.510.024.049.100.....Brevibacterium
B03.510.024.049.150.....Cellulomonas
B03.510.024.049.180.....Corynebacterium
B03.510.024.049.180.100.....Brevibacterium flavum
B03.510.024.049.180.150.....Corynebacterium diphtheriae
B03.510.024.049.180.300.....Corynebacterium glutamicum
B03.510.024.049.180.600.....Corynebacterium pseudotuberculosis
B03.510.024.049.180.625.....Corynebacterium pyogenes
B03.510.024.049.250.....Frankia
B03.510.024.049.300.....Gordonia Bacterium
B03.510.024.049.475.....Micrococcaceae
B03.510.024.049.475.050.....Arthrobacter
B03.510.024.049.475.500.....Micrococcus
B03.510.024.049.475.500.500.....Micrococcus luteus
B03.510.024.049.500.....Micromonosporaceae
B03.510.024.049.500.500.....Micromonospora
B03.510.024.049.525.....Mycobacteriaceae
B03.510.024.049.525.500.....Mycobacterium
B03.510.024.049.525.500.300.....Mycobacterium avium
B03.510.024.049.525.500.300.600.....Mycobacterium avium subsp. paratuberculosis
B03.510.024.049.525.500.402.....Mycobacterium bovis
B03.510.024.049.525.500.480.....Mycobacterium haemophilum
B03.510.024.049.525.500.502.....Mycobacterium leprae
B03.510.024.049.525.500.602.....Mycobacterium lepraemurium
B03.510.024.049.525.500.640.....Mycobacterium phlei
B03.510.024.049.525.500.702.....Mycobacterium tuberculosis
B03.510.024.049.525.500.720.....Nontuberculous Mycobacteria
B03.510.024.049.525.500.720.050.....Mycobacterium abscessus
B03.510.024.049.525.500.720.100.....Mycobacterium avium Complex
B03.510.024.049.525.500.720.225.....Mycobacterium chelonae
B03.510.024.049.525.500.720.325.....Mycobacterium fortuitum
B03.510.024.049.525.500.720.400.....Mycobacterium kansasii
B03.510.024.049.525.500.720.500.....Mycobacterium marinum
B03.510.024.049.525.500.720.625.....Mycobacterium scrofulaceum
B03.510.024.049.525.500.720.662.....Mycobacterium smegmatis
B03.510.024.049.525.500.720.700.....Mycobacterium ulcerans
B03.510.024.049.525.500.720.950.....Mycobacterium xenopi
B03.510.024.049.537.....Nocardiaceae
B03.510.024.049.537.550.....Nocardia



## 2018 MeSH Tree Hierarchy

Tree location
B03.510.024.049.537.550.550.....Nocardia asteroides
B03.510.024.049.537.775.....Rhodococcus
B03.510.024.049.537.775.700.....Rhodococcus equi
B03.510.024.049.600.....Propionibacteriaceae
B03.510.024.049.600.600.....Propionibacterium
B03.510.024.049.600.600.600.....Propionibacterium acnes
B03.510.024.049.600.600.800.....Propionibacterium freudenreichii
B03.510.024.049.750.....Saccharopolyspora
B03.510.024.049.775.....Streptomycetaceae
B03.510.024.049.775.775.....Streptomyces
B03.510.024.049.775.775.100.....Streptomyces antibioticus
B03.510.024.049.775.775.125.....Streptomyces aureofaciens
B03.510.024.049.775.775.200.....Streptomyces coelicolor
B03.510.024.049.775.775.375.....Streptomyces griseus
B03.510.024.049.775.775.500.....Streptomyces lividans
B03.510.024.049.775.775.750.....Streptomyces rimosus
B03.510.024.049.887.....Tropheryma
B03.510.024.100.....Bifidobacterium
B03.510.024.100.125.....Bifidobacterium adolescentis
B03.510.024.100.250.....Bifidobacterium animalis
B03.510.024.100.313.....Bifidobacterium bifidum
B03.510.024.100.375.....Bifidobacterium breve
B03.510.024.100.500.....Bifidobacterium longum
B03.510.024.100.500.500.....Bifidobacterium longum subspecies infantis
B03.510.024.100.750.....Bifidobacterium pseudocatenulatum
B03.510.024.400.....Gardnerella
B03.510.024.400.800.....Gardnerella vaginalis
B03.510.100.....Bacillales
B03.510.100.050.....Alicyclobacillus
B03.510.100.100.....Bacillaceae
B03.510.100.100.108.....Anoxybacillus
B03.510.100.100.218.....Bacillus
B03.510.100.100.218.076.....Bacillus amyloliquefaciens
B03.510.100.100.218.151.....Bacillus anthracis
B03.510.100.100.218.252.....Bacillus cereus
B03.510.100.100.218.283.....Bacillus clausii
B03.510.100.100.218.314.....Bacillus coagulans
B03.510.100.100.218.345.....Bacillus firmus
B03.510.100.100.218.376.....Bacillus licheniformis
B03.510.100.100.218.500.....Bacillus megaterium
B03.510.100.100.218.613.....Bacillus pumilus

## 2018 MeSH Tree Hierarchy

Tree location	
B03.510.100.100.218.725.....	Bacillus subtilis
B03.510.100.100.218.800.....	Bacillus thuringiensis
B03.510.100.100.400.....	Geobacillus
B03.510.100.100.400.400.....	Geobacillus stearothermophilus
B03.510.100.100.425.....	Halobacillus
B03.510.100.100.600.....	Planococcaceae
B03.510.100.100.600.700.....	Sporosarcina
B03.510.100.117.....	Brevibacillus
B03.510.100.120.....	Brochothrix
B03.510.100.310.....	Gemella
B03.510.100.500.....	Listeria
B03.510.100.500.500.....	Listeria monocytogenes
B03.510.100.645.....	Paenibacillus
B03.510.100.645.500.....	Paenibacillus larvae
B03.510.100.645.750.....	Paenibacillus polymyxa
B03.510.100.650.....	Pasteuria
B03.510.100.750.....	Staphylococcaceae
B03.510.100.750.750.....	Staphylococcus
B03.510.100.750.750.100.....	Staphylococcus aureus
B03.510.100.750.750.100.500.....	Methicillin-Resistant Staphylococcus aureus
B03.510.100.750.750.222.....	Staphylococcus capitis
B03.510.100.750.750.343.....	Staphylococcus epidermidis
B03.510.100.750.750.400.....	Staphylococcus haemolyticus
B03.510.100.750.750.425.....	Staphylococcus hominis
B03.510.100.750.750.435.....	Staphylococcus hyicus
B03.510.100.750.750.445.....	Staphylococcus intermedius
B03.510.100.750.750.500.....	Staphylococcus lugdunensis
B03.510.100.750.750.750.....	Staphylococcus saprophyticus
B03.510.100.800.....	Thermoactinomyces
B03.510.400.....	Gram-Positive Cocci
B03.510.400.030.....	Aerococcus
B03.510.400.200.....	Deinococcus
B03.510.400.500.....	Micrococcaceae
B03.510.400.500.500.....	Micrococcus
B03.510.400.500.500.400.....	Micrococcus luteus
B03.510.400.531.....	Oenococcus
B03.510.400.562.....	Peptococcaceae
B03.510.400.562.593.....	Peptococcus
B03.510.400.625.....	Peptostreptococcus
B03.510.400.630.....	Planococcaceae
B03.510.400.630.600.....	Planococcus Bacteria

## 2018 MeSH Tree Hierarchy

Tree location
B03.510.400.630.700.....Sporosarcina
B03.510.400.687.....Ruminococcus
B03.510.400.750.....Sarcina
B03.510.400.790.....Staphylococcaceae
B03.510.400.790.750.....Staphylococcus
B03.510.400.790.750.100.....Staphylococcus aureus
B03.510.400.790.750.100.500.....Methicillin-Resistant Staphylococcus aureus
B03.510.400.790.750.222.....Staphylococcus capitis
B03.510.400.790.750.343.....Staphylococcus epidermidis
B03.510.400.790.750.400.....Staphylococcus haemolyticus
B03.510.400.790.750.425.....Staphylococcus hominis
B03.510.400.790.750.435.....Staphylococcus hyicus
B03.510.400.790.750.445.....Staphylococcus intermedius
B03.510.400.790.750.500.....Staphylococcus lugdunensis
B03.510.400.790.750.750.....Staphylococcus saprophyticus
B03.510.400.800.....Streptococcaceae
B03.510.400.800.500.....Lactococcus
B03.510.400.800.500.400.....Lactococcus lactis
B03.510.400.800.872.....Streptococcus
B03.510.400.800.872.100.....Streptococcus agalactiae
B03.510.400.800.872.150.....Streptococcus bovis
B03.510.400.800.872.225.....Streptococcus equi
B03.510.400.800.872.243.....Streptococcus gallolyticus
B03.510.400.800.872.243.500.....Streptococcus gallolyticus subspecies gallolyticus
B03.510.400.800.872.260.....Streptococcus gordonii
B03.510.400.800.872.405.....Streptococcus iniae
B03.510.400.800.872.550.....Streptococcus pneumoniae
B03.510.400.800.872.575.....Streptococcus pyogenes
B03.510.400.800.872.663.....Streptococcus salivarius
B03.510.400.800.872.750.....Streptococcus suis
B03.510.400.800.872.800.....Streptococcus thermophilus
B03.510.400.800.872.875.....Viridans Streptococci
B03.510.400.800.872.875.475.....Streptococcus milleri Group
B03.510.400.800.872.875.475.080.....Streptococcus anginosus
B03.510.400.800.872.875.475.150.....Streptococcus constellatus
B03.510.400.800.872.875.475.400.....Streptococcus intermedius
B03.510.400.800.872.875.500.....Streptococcus mitis
B03.510.400.800.872.875.520.....Streptococcus mutans
B03.510.400.800.872.875.600.....Streptococcus oralis
B03.510.400.800.872.875.700.....Streptococcus sanguis
B03.510.400.800.872.875.750.....Streptococcus sobrinus

## 2018 MeSH Tree Hierarchy

Tree location
B03.510.415.....Gram-Positive Endospore-Forming Bacteria
B03.510.415.400.....Gram-Positive Endospore-Forming Rods
B03.510.415.400.078.....Alicyclobacillus
B03.510.415.400.158.....Bacillaceae
B03.510.415.400.158.108.....Anoxybacillus
B03.510.415.400.158.218.....Bacillus
B03.510.415.400.158.218.076.....Bacillus amyloliquefaciens
B03.510.415.400.158.218.151.....Bacillus anthracis
B03.510.415.400.158.218.252.....Bacillus cereus
B03.510.415.400.158.218.283.....Bacillus clausii
B03.510.415.400.158.218.314.....Bacillus coagulans
B03.510.415.400.158.218.345.....Bacillus firmus
B03.510.415.400.158.218.376.....Bacillus licheniformis
B03.510.415.400.158.218.500.....Bacillus megaterium
B03.510.415.400.158.218.613.....Bacillus pumilus
B03.510.415.400.158.218.725.....Bacillus subtilis
B03.510.415.400.158.218.800.....Bacillus thuringiensis
B03.510.415.400.158.400.....Geobacillus
B03.510.415.400.158.400.400.....Geobacillus stearothermophilus
B03.510.415.400.158.425.....Halobacillus
B03.510.415.400.158.900.....Virgibacillus
B03.510.415.400.179.....Brevibacillus
B03.510.415.400.200.....Clostridium
B03.510.415.400.200.025.....Clostridium acetobutylicum
B03.510.415.400.200.100.....Clostridium beijerinckii
B03.510.415.400.200.130.....Clostridium bifermentans
B03.510.415.400.200.160.....Clostridium botulinum
B03.510.415.400.200.160.050.....Clostridium botulinum type A
B03.510.415.400.200.160.100.....Clostridium botulinum type B
B03.510.415.400.200.160.150.....Clostridium botulinum type C
B03.510.415.400.200.160.200.....Clostridium botulinum type D
B03.510.415.400.200.160.250.....Clostridium botulinum type E
B03.510.415.400.200.160.300.....Clostridium botulinum type F
B03.510.415.400.200.160.350.....Clostridium botulinum type G
B03.510.415.400.200.180.....Clostridium butyricum
B03.510.415.400.200.200.....Clostridium cellulolyticum
B03.510.415.400.200.205.....Clostridium cellulovorans
B03.510.415.400.200.215.....Clostridium chauvoei
B03.510.415.400.200.250.....Clostridium difficile
B03.510.415.400.200.412.....Clostridium histolyticum
B03.510.415.400.200.493.....Clostridium kluveri

## 2018 MeSH Tree Hierarchy

Tree location	
B03.510.415.400.200.575.....	Clostridium perfringens
B03.510.415.400.200.690.....	Clostridium septicum
B03.510.415.400.200.700.....	Clostridium sordellii
B03.510.415.400.200.710.....	Clostridium sticklandii
B03.510.415.400.200.713.....	Clostridium symbiosum
B03.510.415.400.200.722.....	Clostridium tertium
B03.510.415.400.200.725.....	Clostridium tetani
B03.510.415.400.200.740.....	Clostridium tetanomorphum
B03.510.415.400.200.770.....	Clostridium thermocellum
B03.510.415.400.200.800.....	Clostridium tyrobutyricum
B03.510.415.400.230.....	Desulfotomaculum
B03.510.415.400.500.....	Micromonosporaceae
B03.510.415.400.500.500.....	Micromonospora
B03.510.415.400.525.....	Moorella
B03.510.415.400.645.....	Paenibacillus
B03.510.415.400.645.500.....	Paenibacillus larvae
B03.510.415.400.645.750.....	Paenibacillus polymyxa
B03.510.415.400.790.....	Saccharopolyspora
B03.510.415.400.810.....	Streptomycetaceae
B03.510.415.400.810.768.....	Streptomyces
B03.510.415.400.810.768.100.....	Streptomyces antibioticus
B03.510.415.400.810.768.125.....	Streptomyces aureofaciens
B03.510.415.400.810.768.200.....	Streptomyces coelicolor
B03.510.415.400.810.768.375.....	Streptomyces griseus
B03.510.415.400.810.768.500.....	Streptomyces lividans
B03.510.415.400.810.768.750.....	Streptomyces rimosus
B03.510.415.650.....	Pasteuria
B03.510.415.700.....	Sporosarcina
B03.510.460.....	Gram-Positive Rods
B03.510.460.400.....	Gram-Positive Asporogenous Rods
B03.510.460.400.400.....	Gram-Positive Asporogenous Rods, Irregular
B03.510.460.400.400.024.....	Acetobacterium
B03.510.460.400.400.049.....	Actinobacteria
B03.510.460.400.400.049.049.....	Actinomycetaceae
B03.510.460.400.400.049.049.178.....	Actinomyces
B03.510.460.400.400.049.049.178.800.....	Actinomyces viscosus
B03.510.460.400.400.049.049.200.....	Arcanobacterium
B03.510.460.400.400.049.049.589.....	Mobiluncus
B03.510.460.400.400.049.074.....	Arthrobacter
B03.510.460.400.400.049.100.....	Bifidobacterium
B03.510.460.400.400.049.100.125.....	Bifidobacterium adolescentis

## 2018 MeSH Tree Hierarchy

Tree location	
B03.510.460.400.400.049.100.250.....	Bifidobacterium animalis
B03.510.460.400.400.049.100.313.....	Bifidobacterium bifidum
B03.510.460.400.400.049.100.375.....	Bifidobacterium breve
B03.510.460.400.400.049.100.500.....	Bifidobacterium longum
B03.510.460.400.400.049.100.500.500.....	Bifidobacterium longum subspecies infantis
B03.510.460.400.400.049.100.750.....	Bifidobacterium pseudocatenulatum
B03.510.460.400.400.049.550.....	Brevibacterium
B03.510.460.400.400.200.....	Corynebacterium
B03.510.460.400.400.200.150.....	Corynebacterium diphtheriae
B03.510.460.400.400.200.300.....	Corynebacterium glutamicum
B03.510.460.400.400.200.600.....	Corynebacterium pseudotuberculosis
B03.510.460.400.400.200.625.....	Corynebacterium pyogenes
B03.510.460.400.400.250.....	Eubacterium
B03.510.460.400.400.600.....	Propionibacteriaceae
B03.510.460.400.400.600.600.....	Propionibacterium
B03.510.460.400.400.600.600.600.....	Propionibacterium acnes
B03.510.460.400.400.600.600.800.....	Propionibacterium freudenreichii
B03.510.460.400.400.790.....	Thermoanaerobacter
B03.510.460.400.400.800.....	Thermoanaerobacterium
B03.510.460.400.410.....	Gram-Positive Asporogenous Rods, Regular
B03.510.460.400.410.120.....	Brochothrix
B03.510.460.400.410.350.....	Erysipelothrix
B03.510.460.400.410.475.....	Lactobacillaceae
B03.510.460.400.410.475.475.....	Lactobacillus
B03.510.460.400.410.475.475.100.....	Lactobacillus acidophilus
B03.510.460.400.410.475.475.180.....	Lactobacillus brevis
B03.510.460.400.410.475.475.225.....	Lactobacillus casei
B03.510.460.400.410.475.475.238.....	Lactobacillus crispatus
B03.510.460.400.410.475.475.250.....	Lactobacillus delbrueckii
B03.510.460.400.410.475.475.325.....	Lactobacillus fermentum
B03.510.460.400.410.475.475.363.....	Lactobacillus gasseri
B03.510.460.400.410.475.475.400.....	Lactobacillus helveticus
B03.510.460.400.410.475.475.453.....	Lactobacillus johnsonii
B03.510.460.400.410.475.475.506.....	Lactobacillus leichmannii
B03.510.460.400.410.475.475.559.....	Lactobacillus paracasei
B03.510.460.400.410.475.475.586.....	Lactobacillus pentosus
B03.510.460.400.410.475.475.612.....	Lactobacillus plantarum
B03.510.460.400.410.475.475.680.....	Lactobacillus reuteri
B03.510.460.400.410.475.475.700.....	Lactobacillus rhamnosus
B03.510.460.400.410.475.475.775.....	Lactobacillus sakei
B03.510.460.400.410.475.475.850.....	Lactobacillus salivarius

## 2018 MeSH Tree Hierarchy

Tree location
B03.510.460.400.410.485.....Listeria
B03.510.460.400.410.485.500.....Listeria monocytogenes
B03.510.460.400.410.552.....Mycobacteriaceae
B03.510.460.400.410.552.552.....Mycobacterium
B03.510.460.400.410.552.552.300.....Mycobacterium avium
B03.510.460.400.410.552.552.300.600.....Mycobacterium avium subsp. paratuberculosis
B03.510.460.400.410.552.552.402.....Mycobacterium bovis
B03.510.460.400.410.552.552.480.....Mycobacterium haemophilum
B03.510.460.400.410.552.552.502.....Mycobacterium leprae
B03.510.460.400.410.552.552.602.....Mycobacterium lepraemurium
B03.510.460.400.410.552.552.640.....Mycobacterium phlei
B03.510.460.400.410.552.552.702.....Mycobacterium tuberculosis
B03.510.460.400.410.552.552.720.....Nontuberculous Mycobacteria
B03.510.460.400.410.552.552.720.050.....Mycobacterium abscessus
B03.510.460.400.410.552.552.720.100.....Mycobacterium avium Complex
B03.510.460.400.410.552.552.720.225.....Mycobacterium chelonae
B03.510.460.400.410.552.552.720.325.....Mycobacterium fortuitum
B03.510.460.400.410.552.552.720.400.....Mycobacterium kansasii
B03.510.460.400.410.552.552.720.500.....Mycobacterium marinum
B03.510.460.400.410.552.552.720.625.....Mycobacterium scrofulaceum
B03.510.460.400.410.552.552.720.662.....Mycobacterium smegmatis
B03.510.460.400.410.552.552.720.700.....Mycobacterium ulcerans
B03.510.460.400.410.552.552.720.950.....Mycobacterium xenopi
B03.510.460.410.....Gram-Positive Endospore-Forming Rods
B03.510.460.410.158.....Bacillaceae
B03.510.460.410.158.108.....Anoxybacillus
B03.510.460.410.158.218.....Bacillus
B03.510.460.410.158.218.076.....Bacillus amyloliquefaciens
B03.510.460.410.158.218.151.....Bacillus anthracis
B03.510.460.410.158.218.252.....Bacillus cereus
B03.510.460.410.158.218.283.....Bacillus clausii
B03.510.460.410.158.218.314.....Bacillus coagulans
B03.510.460.410.158.218.345.....Bacillus firmus
B03.510.460.410.158.218.376.....Bacillus licheniformis
B03.510.460.410.158.218.500.....Bacillus megaterium
B03.510.460.410.158.218.613.....Bacillus pumilus
B03.510.460.410.158.218.725.....Bacillus subtilis
B03.510.460.410.158.218.800.....Bacillus thuringiensis
B03.510.460.410.158.400.....Geobacillus
B03.510.460.410.158.400.400.....Geobacillus stearothermophilus
B03.510.460.410.158.425.....Halobacillus

## 2018 MeSH Tree Hierarchy

Tree location	
B03.510.460.410.158.900.....	Virgibacillus
B03.510.460.410.165.....	Brevibacillus
B03.510.460.410.500.....	Micromonosporaceae
B03.510.460.410.500.500.....	Micromonospora
B03.510.460.410.525.....	Moorella
B03.510.460.410.645.....	Paenibacillus
B03.510.460.410.645.500.....	Paenibacillus larvae
B03.510.460.410.645.750.....	Paenibacillus polymyxa
B03.510.460.410.790.....	Saccharopolyspora
B03.510.460.410.810.....	Streptomycetaceae
B03.510.460.410.810.768.....	Streptomyces
B03.510.460.410.810.768.100.....	Streptomyces antibioticus
B03.510.460.410.810.768.125.....	Streptomyces aureofaciens
B03.510.460.410.810.768.200.....	Streptomyces coelicolor
B03.510.460.410.810.768.375.....	Streptomyces griseus
B03.510.460.410.810.768.500.....	Streptomyces lividans
B03.510.460.410.810.768.750.....	Streptomyces rimosus
B03.510.550.....	Lactobacillales
B03.510.550.030.....	Aerococcaceae
B03.510.550.030.014.....	Abiotrophia
B03.510.550.030.030.....	Aerococcus
B03.510.550.130.....	Carnobacteriaceae
B03.510.550.130.150.....	Carnobacterium
B03.510.550.250.....	Enterococcaceae
B03.510.550.250.250.....	Enterococcus
B03.510.550.250.250.280.....	Enterococcus faecalis
B03.510.550.250.250.300.....	Enterococcus faecium
B03.510.550.250.250.475.....	Enterococcus hirae
B03.510.550.250.250.650.....	Vancomycin-Resistant Enterococci
B03.510.550.450.....	Lactobacillaceae
B03.510.550.450.475.....	Lactobacillus
B03.510.550.450.475.100.....	Lactobacillus acidophilus
B03.510.550.450.475.180.....	Lactobacillus brevis
B03.510.550.450.475.225.....	Lactobacillus casei
B03.510.550.450.475.238.....	Lactobacillus crispatus
B03.510.550.450.475.250.....	Lactobacillus delbrueckii
B03.510.550.450.475.325.....	Lactobacillus fermentum
B03.510.550.450.475.363.....	Lactobacillus gasseri
B03.510.550.450.475.400.....	Lactobacillus helveticus
B03.510.550.450.475.453.....	Lactobacillus johnsonii
B03.510.550.450.475.506.....	Lactobacillus leichmannii



## 2018 MeSH Tree Hierarchy

Tree location
B03.510.550.450.475.559.....Lactobacillus paracasei
B03.510.550.450.475.586.....Lactobacillus pentosus
B03.510.550.450.475.612.....Lactobacillus plantarum
B03.510.550.450.475.680.....Lactobacillus reuteri
B03.510.550.450.475.700.....Lactobacillus rhamnosus
B03.510.550.450.475.775.....Lactobacillus sakei
B03.510.550.450.475.850.....Lactobacillus salivarius
B03.510.550.450.737.....Pediococcus
B03.510.550.450.737.500.....Pediococcus acidilactici
B03.510.550.450.737.750.....Pediococcus pentosaceus
B03.510.550.475.....Leuconostocaceae
B03.510.550.475.450.....Leuconostoc
B03.510.550.475.450.500.....Leuconostoc mesenteroides
B03.510.550.475.600.....Oenococcus
B03.510.550.475.900.....Weissella
B03.510.550.737.....Streptococcaceae
B03.510.550.737.500.....Lactococcus
B03.510.550.737.500.400.....Lactococcus lactis
B03.510.550.737.872.....Streptococcus
B03.510.550.737.872.100.....Streptococcus agalactiae
B03.510.550.737.872.150.....Streptococcus bovis
B03.510.550.737.872.225.....Streptococcus equi
B03.510.550.737.872.243.....Streptococcus gallolyticus
B03.510.550.737.872.243.500.....Streptococcus gallolyticus subspecies gallolyticus
B03.510.550.737.872.260.....Streptococcus gordonii
B03.510.550.737.872.405.....Streptococcus iniae
B03.510.550.737.872.550.....Streptococcus pneumoniae
B03.510.550.737.872.575.....Streptococcus pyogenes
B03.510.550.737.872.663.....Streptococcus salivarius
B03.510.550.737.872.750.....Streptococcus suis
B03.510.550.737.872.800.....Streptococcus thermophilus
B03.510.550.737.872.875.....Viridans Streptococci
B03.510.550.737.872.875.475.....Streptococcus milleri Group
B03.510.550.737.872.875.475.080.....Streptococcus anginosus
B03.510.550.737.872.875.475.150.....Streptococcus constellatus
B03.510.550.737.872.875.475.400.....Streptococcus intermedius
B03.510.550.737.872.875.500.....Streptococcus mitis
B03.510.550.737.872.875.520.....Streptococcus mutans
B03.510.550.737.872.875.600.....Streptococcus oralis
B03.510.550.737.872.875.700.....Streptococcus sanguis
B03.510.550.737.872.875.750.....Streptococcus sobrinus

## 2018 MeSH Tree Hierarchy

Tree location
B03.585.....Nitrogen-Fixing Bacteria
B03.585.051.....Anabaena
B03.585.051.150.....Anabaena cylindrica
B03.585.051.300.....Anabaena flos-aquae
B03.585.051.900.....Anabaena variabilis
B03.585.101.....Azoarcus
B03.585.110.....Azorhizobium
B03.585.110.100.....Azorhizobium caulinodans
B03.585.120.....Azospirillum brasilense
B03.585.130.....Azospirillum lipoferum
B03.585.200.....Beijerinckiaceae
B03.585.420.....Frankia
B03.585.500.....Herbaspirillum
B03.585.625.....Nodularia
B03.585.750.....Nostoc commune
B03.585.760.....Nostoc muscorum
B03.585.860.....Paenibacillus polymyxa
B03.585.880.....Plectonema
B03.585.900.....Rhizobium
B03.585.900.337.....Rhizobium etli
B03.585.900.450.....Rhizobium leguminosarum
B03.585.900.600.....Rhizobium phaseoli
B03.585.900.800.....Rhizobium tropici
B03.585.950.....Trichodesmium
B03.660.....Proteobacteria
B03.660.050.....Alphaproteobacteria
B03.660.050.020.....Anaplasmataceae
B03.660.050.020.050.....Anaplasma
B03.660.050.020.050.100.....Anaplasma centrale
B03.660.050.020.050.500.....Anaplasma marginale
B03.660.050.020.050.575.....Anaplasma ovis
B03.660.050.020.050.600.....Anaplasma phagocytophilum
B03.660.050.020.287.....Ehrlichia
B03.660.050.020.287.090.....Ehrlichia canis
B03.660.050.020.287.100.....Ehrlichia chaffeensis
B03.660.050.020.287.700.....Ehrlichia ruminantium
B03.660.050.020.525.....Neorickettsia
B03.660.050.020.525.700.....Neorickettsia risticii
B03.660.050.020.525.720.....Neorickettsia sennetsu
B03.660.050.030.....Bartonellaceae
B03.660.050.030.040.....Bartonella

## 2018 MeSH Tree Hierarchy

Tree location	
B03.660.050.030.040.080.....	Bartonella bacilliformis
B03.660.050.030.040.350.....	Bartonella henselae
B03.660.050.030.040.650.....	Bartonella quintana
B03.660.050.032.....	Beijerinckiaceae
B03.660.050.035.....	Bradyrhizobiaceae
B03.660.050.035.040.....	Afipia
B03.660.050.035.090.....	Bradyrhizobium
B03.660.050.035.520.....	Nitrobacter
B03.660.050.035.700.....	Rhodopseudomonas
B03.660.050.070.....	Brucellaceae
B03.660.050.070.100.....	Brucella
B03.660.050.070.100.100.....	Brucella abortus
B03.660.050.070.100.150.....	Brucella canis
B03.660.050.070.100.500.....	Brucella melitensis
B03.660.050.070.100.625.....	Brucella ovis
B03.660.050.070.100.750.....	Brucella suis
B03.660.050.070.700.....	Ochrobactrum
B03.660.050.070.700.650.....	Ochrobactrum anthropi
B03.660.050.090.....	Caulobacteraceae
B03.660.050.090.100.....	Caulobacter
B03.660.050.090.100.100.....	Caulobacter crescentus
B03.660.050.340.....	Holosporaceae
B03.660.050.350.....	Hyphomicrobiaceae
B03.660.050.350.080.....	Azorhizobium
B03.660.050.350.080.100.....	Azorhizobium caulinodans
B03.660.050.350.400.....	Hyphomicrobium
B03.660.050.350.675.....	Rhodomicrobium
B03.660.050.350.950.....	Xanthobacter
B03.660.050.500.....	Methylobacteriaceae
B03.660.050.500.500.....	Methylobacterium
B03.660.050.500.500.150.....	Methylobacterium extorquens
B03.660.050.512.....	Methylocystaceae
B03.660.050.512.500.....	Methylosinus
B03.660.050.512.500.750.....	Methylosinus trichosporium
B03.660.050.600.....	Phyllobacteriaceae
B03.660.050.600.500.....	Mesorhizobium
B03.660.050.663.....	Rhodospirillales
B03.660.050.663.050.....	Acetobacteraceae
B03.660.050.663.050.010.....	Acetobacter
B03.660.050.663.050.020.....	Acidiphilium
B03.660.050.663.050.400.....	Gluconacetobacter

## 2018 MeSH Tree Hierarchy

Tree location	
B03.660.050.663.050.400.500.....	Gluconacetobacter xylinus
B03.660.050.663.050.415.....	Gluconobacter
B03.660.050.663.050.415.550.....	Gluconobacter oxydans
B03.660.050.663.750.....	Rhodospirillaceae
B03.660.050.663.750.100.....	Azospirillum
B03.660.050.663.750.100.020.....	Azospirillum brasilense
B03.660.050.663.750.100.510.....	Azospirillum lipoferum
B03.660.050.663.750.500.....	Magnetospirillum
B03.660.050.663.750.733.....	Rhodospirillum
B03.660.050.663.750.733.150.....	Rhodospirillum centenum
B03.660.050.663.750.733.650.....	Rhodospirillum rubrum
B03.660.050.730.....	Rhizobiaceae
B03.660.050.730.024.....	Agrobacterium
B03.660.050.730.024.500.....	Agrobacterium tumefaciens
B03.660.050.730.670.....	Rhizobium
B03.660.050.730.670.337.....	Rhizobium etli
B03.660.050.730.670.450.....	Rhizobium leguminosarum
B03.660.050.730.670.600.....	Rhizobium phaseoli
B03.660.050.730.670.800.....	Rhizobium tropici
B03.660.050.730.835.....	Sinorhizobium
B03.660.050.730.835.399.....	Sinorhizobium fredii
B03.660.050.730.835.800.....	Sinorhizobium meliloti
B03.660.050.750.....	Rhodobacteraceae
B03.660.050.750.600.....	Paracoccus
B03.660.050.750.600.125.....	Paracoccus denitrificans
B03.660.050.750.600.600.....	Paracoccus pantotrophus
B03.660.050.750.700.....	Rhodobacter
B03.660.050.750.700.225.....	Rhodobacter capsulatus
B03.660.050.750.700.700.....	Rhodobacter sphaeroides
B03.660.050.750.725.....	Rhodovulum
B03.660.050.750.750.....	Roseobacter
B03.660.050.765.....	Rickettsiaceae
B03.660.050.765.650.....	Rickettsiae
B03.660.050.765.650.600.....	Orientia tsutsugamushi
B03.660.050.765.650.650.....	Rickettsia
B03.660.050.765.650.650.040.....	Rickettsia akari
B03.660.050.765.650.650.180.....	Rickettsia conorii
B03.660.050.765.650.650.320.....	Rickettsia felis
B03.660.050.765.650.650.600.....	Rickettsia prowazekii
B03.660.050.765.650.650.650.....	Rickettsia rickettsii
B03.660.050.765.650.650.810.....	Rickettsia typhi

## 2018 MeSH Tree Hierarchy

Tree location
B03.660.050.765.825.....Wolbachia
B03.660.050.800.....Sphingomonadaceae
B03.660.050.800.750.....Sphingomonas
B03.660.050.800.990.....Zymomonas
B03.660.075.....Betaproteobacteria
B03.660.075.090.....Burkholderiales
B03.660.075.090.344.....Alcaligenaceae
B03.660.075.090.344.030.....Achromobacter
B03.660.075.090.344.030.100.....Achromobacter cycloclastes
B03.660.075.090.344.030.120.....Achromobacter denitrificans
B03.660.075.090.344.050.....Alcaligenes
B03.660.075.090.344.050.200.....Alcaligenes faecalis
B03.660.075.090.344.425.....Bordetella
B03.660.075.090.344.425.024.....Bordetella avium
B03.660.075.090.344.425.050.....Bordetella bronchiseptica
B03.660.075.090.344.425.590.....Bordetella parapertussis
B03.660.075.090.344.425.600.....Bordetella pertussis
B03.660.075.090.344.800.....Taylorella
B03.660.075.090.344.800.200.....Taylorella equigenitalis
B03.660.075.090.688.....Burkholderiaceae
B03.660.075.090.688.100.....Burkholderia
B03.660.075.090.688.100.110.....Burkholderia cepacia complex
B03.660.075.090.688.100.110.490.....Burkholderia cenocepacia
B03.660.075.090.688.100.110.500.....Burkholderia cepacia
B03.660.075.090.688.100.355.....Burkholderia gladioli
B03.660.075.090.688.100.477.....Burkholderia mallei
B03.660.075.090.688.100.600.....Burkholderia pseudomallei
B03.660.075.090.688.200.....Cupriavidus
B03.660.075.090.688.200.200.....Cupriavidus necator
B03.660.075.090.688.600.....Ralstonia
B03.660.075.090.688.600.600.....Ralstonia pickettii
B03.660.075.090.688.600.750.....Ralstonia solanacearum
B03.660.075.090.766.....Comamonadaceae
B03.660.075.090.766.150.....Comamonas
B03.660.075.090.766.150.750.....Comamonas testosteroni
B03.660.075.090.766.170.....Delftia
B03.660.075.090.766.170.030.....Delftia acidovorans
B03.660.075.090.766.750.....Sphaerotilus
B03.660.075.375.....Gallionellaceae
B03.660.075.400.....Hydrogenophilaceae
B03.660.075.400.800.....Thiobacillus

## 2018 MeSH Tree Hierarchy

Tree location
B03.660.075.495.....Methylophilaceae
B03.660.075.495.500.....Methylobacillus
B03.660.075.495.520.....Methylophilus
B03.660.075.495.520.500.....Methylophilus methylotrophus
B03.660.075.525.....Neisseriaceae
B03.660.075.525.100.....Chromobacterium
B03.660.075.525.170.....Eikenella
B03.660.075.525.170.100.....Eikenella corrodens
B03.660.075.525.410.....Kingella
B03.660.075.525.410.410.....Kingella kingae
B03.660.075.525.520.....Neisseria
B03.660.075.525.520.124.....Neisseria cinerea
B03.660.075.525.520.262.....Neisseria elongata
B03.660.075.525.520.400.....Neisseria gonorrhoeae
B03.660.075.525.520.475.....Neisseria lactamica
B03.660.075.525.520.500.....Neisseria meningitidis
B03.660.075.525.520.500.700.....Neisseria meningitidis, Serogroup A
B03.660.075.525.520.500.710.....Neisseria meningitidis, Serogroup B
B03.660.075.525.520.500.720.....Neisseria meningitidis, Serogroup C
B03.660.075.525.520.500.800.....Neisseria meningitidis, Serogroup W-135
B03.660.075.525.520.500.820.....Neisseria meningitidis, Serogroup Y
B03.660.075.525.520.520.....Neisseria mucosa
B03.660.075.525.520.760.....Neisseria sicca
B03.660.075.525.900.....Vitreoscilla
B03.660.075.550.....Nitrosomonadaceae
B03.660.075.550.500.....Nitrosomonas
B03.660.075.550.500.200.....Nitrosomonas europaea
B03.660.075.600.....Oxalobacteraceae
B03.660.075.600.400.....Herbaspirillum
B03.660.075.600.600.....Oxalobacter formigenes
B03.660.075.655.....Rhodocyclaceae
B03.660.075.655.070.....Azoarcus
B03.660.075.655.800.....Thauera
B03.660.075.655.975.....Zoogloea
B03.660.075.710.....Spirillaceae
B03.660.075.710.750.....Spirillum
B03.660.125.....Deltaproteobacteria
B03.660.125.050.....Bdellovibrio
B03.660.125.050.500.....Bdellovibrio bacteriovorus
B03.660.125.087.....Bilophila
B03.660.125.125.....Desulfovibrio

## 2018 MeSH Tree Hierarchy

Tree location	
B03.660.125.125.040.....	Desulfovibrio africanus
B03.660.125.125.150.....	Desulfovibrio desulfuricans
B03.660.125.125.350.....	Desulfovibrio gigas
B03.660.125.125.875.....	Desulfovibrio vulgaris
B03.660.125.138.....	Desulfovibrionaceae
B03.660.125.150.....	Desulfuromonas
B03.660.125.305.....	Geobacter
B03.660.125.460.....	Lawsonia Bacteria
B03.660.125.500.....	Myxococcales
B03.660.125.500.605.....	Myxococcus
B03.660.125.500.605.900.....	Myxococcus xanthus
B03.660.125.500.710.....	Stigmatella
B03.660.125.500.710.050.....	Stigmatella aurantiaca
B03.660.150.....	Epsilonproteobacteria
B03.660.150.050.....	Arcobacter
B03.660.150.235.....	Campylobacteriales
B03.660.150.235.250.....	Campylobacteraceae
B03.660.150.235.250.500.....	Campylobacter
B03.660.150.235.250.500.100.....	Campylobacter coli
B03.660.150.235.250.500.220.....	Campylobacter fetus
B03.660.150.235.250.500.297.....	Campylobacter hyointestinalis
B03.660.150.235.250.500.375.....	Campylobacter jejuni
B03.660.150.235.250.500.450.....	Campylobacter lari
B03.660.150.235.250.500.700.....	Campylobacter rectus
B03.660.150.235.250.500.740.....	Campylobacter sputorum
B03.660.150.235.250.500.850.....	Campylobacter upsaliensis
B03.660.150.235.500.....	Helicobacteraceae
B03.660.150.280.....	Helicobacter
B03.660.150.280.350.....	Helicobacter felis
B03.660.150.280.400.....	Helicobacter heilmannii
B03.660.150.280.410.....	Helicobacter hepaticus
B03.660.150.280.480.....	Helicobacter mustelae
B03.660.150.280.550.....	Helicobacter pylori
B03.660.150.920.....	Wolinella
B03.660.250.....	Gammaproteobacteria
B03.660.250.015.....	Acidithiobacillus
B03.660.250.015.800.....	Acidithiobacillus thiooxidans
B03.660.250.018.....	Aeromonadales
B03.660.250.018.500.....	Aeromonadaceae
B03.660.250.018.750.....	Succinivibrionaceae
B03.660.250.018.750.050.....	Anaerobiospirillum

## 2018 MeSH Tree Hierarchy

Tree location
B03.660.250.019.....Alcanivoraceae
B03.660.250.021.....Alteromonadaceae
B03.660.250.021.020.....Alteromonas
B03.660.250.021.480.....Marinobacter
B03.660.250.021.500.....Moritella
B03.660.250.021.600.....Pseudoalteromonas
B03.660.250.021.755.....Shewanella
B03.660.250.021.755.750.....Shewanella putrefaciens
B03.660.250.080.....Cardiobacteriaceae
B03.660.250.080.100.....Cardiobacterium
B03.660.250.080.550.....Dichelobacter nodosus
B03.660.250.110.....Chromatiaceae
B03.660.250.110.150.....Chromatium
B03.660.250.110.400.....Halothiobacillus
B03.660.250.110.750.....Thiocapsa
B03.660.250.110.750.660.....Thiocapsa roseopersicina
B03.660.250.132.....Coxiellaceae
B03.660.250.132.150.....Coxiella
B03.660.250.132.150.100.....Coxiella burnetii
B03.660.250.145.....Ectothiorhodospiraceae
B03.660.250.145.500.....Ectothiorhodospira
B03.660.250.145.500.720.....Ectothiorhodospira shaposhnikovii
B03.660.250.145.750.....Halorhodospira halophila
B03.660.250.150.....Enterobacteriaceae
B03.660.250.150.047.....Buchnera
B03.660.250.150.095.....Calymmatobacterium
B03.660.250.150.097.....Carbapenem-Resistant Enterobacteriaceae
B03.660.250.150.098.....Cronobacter
B03.660.250.150.098.150.....Cronobacter sakazakii
B03.660.250.150.100.....Citrobacter
B03.660.250.150.100.210.....Citrobacter freundii
B03.660.250.150.100.475.....Citrobacter koseri
B03.660.250.150.100.737.....Citrobacter rodentium
B03.660.250.150.160.....Edwardsiella
B03.660.250.150.160.340.....Edwardsiella ictaluri
B03.660.250.150.160.750.....Edwardsiella tarda
B03.660.250.150.170.....Enterobacter
B03.660.250.150.170.049.....Enterobacter aerogenes
B03.660.250.150.170.100.....Enterobacter cloacae
B03.660.250.150.175.....Erwinia
B03.660.250.150.175.050.....Erwinia amylovora



## 2018 MeSH Tree Hierarchy

Tree location
B03.660.250.150.180.....Escherichia
B03.660.250.150.180.100.....Escherichia coli
B03.660.250.150.180.100.330.....Enteropathogenic Escherichia coli
B03.660.250.150.180.100.340.....Enterotoxigenic Escherichia coli
B03.660.250.150.180.100.360.....Escherichia coli K12
B03.660.250.150.180.100.580.....Extraintestinal Pathogenic Escherichia coli
B03.660.250.150.180.100.580.500.....Uropathogenic Escherichia coli
B03.660.250.150.180.100.800.....Shiga-Toxigenic Escherichia coli
B03.660.250.150.180.100.800.250.....Enterohemorrhagic Escherichia coli
B03.660.250.150.180.100.800.250.250.....Escherichia coli O104
B03.660.250.150.180.100.800.250.500.....Escherichia coli O157
B03.660.250.150.280.....Hafnia
B03.660.250.150.280.050.....Hafnia alvei
B03.660.250.150.400.....Klebsiella
B03.660.250.150.400.580.....Klebsiella oxytoca
B03.660.250.150.400.590.....Klebsiella pneumoniae
B03.660.250.150.410.....Kluyvera
B03.660.250.150.500.....Morganella
B03.660.250.150.500.500.....Morganella morganii
B03.660.250.150.540.....Pantoea
B03.660.250.150.542.....Pectobacterium
B03.660.250.150.542.120.....Pectobacterium carotovorum
B03.660.250.150.542.150.....Pectobacterium chrysanthemi
B03.660.250.150.545.....Photobacterium
B03.660.250.150.550.....Plesiomonas
B03.660.250.150.590.....Proteus
B03.660.250.150.590.500.....Proteus mirabilis
B03.660.250.150.590.670.....Proteus penneri
B03.660.250.150.590.840.....Proteus vulgaris
B03.660.250.150.600.....Providencia
B03.660.250.150.655.....Rahnella
B03.660.250.150.710.....Salmonella
B03.660.250.150.710.050.....Salmonella arizonae
B03.660.250.150.710.160.....Salmonella enterica
B03.660.250.150.710.160.160.....Salmonella enteritidis
B03.660.250.150.710.160.580.....Salmonella paratyphi A
B03.660.250.150.710.160.710.....Salmonella paratyphi B
B03.660.250.150.710.160.711.....Salmonella paratyphi C
B03.660.250.150.710.160.750.....Salmonella typhi
B03.660.250.150.710.160.760.....Salmonella typhimurium
B03.660.250.150.720.....Serratia

## 2018 MeSH Tree Hierarchy

Tree location	
B03.660.250.150.720.480.....	<i>Serratia liquefaciens</i>
B03.660.250.150.720.500.....	<i>Serratia marcescens</i>
B03.660.250.150.730.....	<i>Shigella</i>
B03.660.250.150.730.050.....	<i>Shigella boydii</i>
B03.660.250.150.730.125.....	<i>Shigella dysenteriae</i>
B03.660.250.150.730.210.....	<i>Shigella flexneri</i>
B03.660.250.150.730.710.....	<i>Shigella sonnei</i>
B03.660.250.150.880.....	<i>Wigglesworthia</i>
B03.660.250.150.910.....	<i>Xenorhabdus</i>
B03.660.250.150.950.....	<i>Yersinia</i>
B03.660.250.150.950.160.....	<i>Yersinia enterocolitica</i>
B03.660.250.150.950.580.....	<i>Yersinia pestis</i>
B03.660.250.150.950.590.....	<i>Yersinia pseudotuberculosis</i>
B03.660.250.150.950.650.....	<i>Yersinia ruckeri</i>
B03.660.250.200.....	<i>Francisella</i>
B03.660.250.200.750.....	<i>Francisella tularensis</i>
B03.660.250.350.....	Halomonadaceae
B03.660.250.350.249.....	<i>Chromohalobacter</i>
B03.660.250.350.500.....	<i>Halomonas</i>
B03.660.250.460.....	Legionellaceae
B03.660.250.460.460.....	<i>Legionella</i>
B03.660.250.460.460.480.....	<i>Legionella longbeachae</i>
B03.660.250.460.460.580.....	<i>Legionella pneumophila</i>
B03.660.250.500.....	Methylococcaceae
B03.660.250.500.500.....	<i>Methylococcus</i>
B03.660.250.500.500.100.....	<i>Methylococcus capsulatus</i>
B03.660.250.500.505.....	<i>Methylomonas</i>
B03.660.250.530.....	Moraxellaceae
B03.660.250.530.050.....	<i>Acinetobacter</i>
B03.660.250.530.050.099.....	<i>Acinetobacter baumannii</i>
B03.660.250.530.050.200.....	<i>Acinetobacter calcoaceticus</i>
B03.660.250.530.525.....	<i>Moraxella</i>
B03.660.250.530.525.200.....	<i>Moraxella (Branhamella) catarrhalis</i>
B03.660.250.530.525.500.....	<i>Moraxella (Moraxella) bovis</i>
B03.660.250.530.650.....	<i>Psychrobacter</i>
B03.660.250.540.....	Oceanospirillaceae
B03.660.250.540.500.....	<i>Marinomonas</i>
B03.660.250.550.....	Pasteurellaceae
B03.660.250.550.050.....	<i>Actinobacillus</i>
B03.660.250.550.050.200.....	<i>Actinobacillus equuli</i>
B03.660.250.550.050.580.....	<i>Actinobacillus pleuropneumoniae</i>

## 2018 MeSH Tree Hierarchy

Tree location	
B03.660.250.550.050.675.....	Actinobacillus seminis
B03.660.250.550.050.700.....	Actinobacillus suis
B03.660.250.550.170.....	Aggregatibacter
B03.660.250.550.170.500.....	Aggregatibacter actinomycetemcomitans
B03.660.250.550.170.750.....	Aggregatibacter aphrophilus
B03.660.250.550.170.875.....	Aggregatibacter segnis
B03.660.250.550.290.....	Haemophilus
B03.660.250.550.290.125.....	Haemophilus ducreyi
B03.660.250.550.290.330.....	Haemophilus influenzae
B03.660.250.550.290.330.150.....	Haemophilus influenzae type b
B03.660.250.550.290.665.....	Haemophilus paragallinarum
B03.660.250.550.290.675.....	Haemophilus parainfluenzae
B03.660.250.550.290.690.....	Haemophilus paraphrophilus
B03.660.250.550.290.700.....	Haemophilus parasuis
B03.660.250.550.290.750.....	Haemophilus somnus
B03.660.250.550.500.....	Mannheimia
B03.660.250.550.500.500.....	Mannheimia haemolytica
B03.660.250.550.590.....	Pasteurella
B03.660.250.550.590.500.....	Pasteurella multocida
B03.660.250.550.590.650.....	Pasteurella pneumotropica
B03.660.250.565.....	Piscirickettsiaceae
B03.660.250.565.600.....	Piscirickettsia
B03.660.250.580.....	Pseudomonadaceae
B03.660.250.580.022.....	Azotobacter
B03.660.250.580.022.820.....	Azotobacter vinelandii
B03.660.250.580.100.....	Cellvibrio
B03.660.250.580.590.....	Pseudomonas
B03.660.250.580.590.050.....	Pseudomonas aeruginosa
B03.660.250.580.590.070.....	Pseudomonas alcaligenes
B03.660.250.580.590.140.....	Pseudomonas chlororaphis
B03.660.250.580.590.210.....	Pseudomonas fluorescens
B03.660.250.580.590.230.....	Pseudomonas fragi
B03.660.250.580.590.500.....	Pseudomonas mendocina
B03.660.250.580.590.570.....	Pseudomonas oleovorans
B03.660.250.580.590.575.....	Pseudomonas pseudoalcaligenes
B03.660.250.580.590.580.....	Pseudomonas putida
B03.660.250.580.590.750.....	Pseudomonas stutzeri
B03.660.250.580.590.770.....	Pseudomonas syringae
B03.660.250.770.....	Thiotrichaceae
B03.660.250.770.100.....	Beggiatoa
B03.660.250.770.800.....	Thiothrix

## 2018 MeSH Tree Hierarchy

Tree location
B03.660.250.830.....Vibrionaceae
B03.660.250.830.050.....Aliivibrio
B03.660.250.830.050.860.....Aliivibrio fischeri
B03.660.250.830.050.930.....Aliivibrio salmonicida
B03.660.250.830.500.....Listonella
B03.660.250.830.590.....Photobacterium
B03.660.250.830.830.....Vibrio
B03.660.250.830.830.030.....Vibrio alginolyticus
B03.660.250.830.830.100.....Vibrio cholerae
B03.660.250.830.830.100.075.....Vibrio cholerae non-O1
B03.660.250.830.830.100.151.....Vibrio cholerae O1
B03.660.250.830.830.100.200.....Vibrio cholerae O139
B03.660.250.830.830.500.....Vibrio mimicus
B03.660.250.830.830.590.....Vibrio parahaemolyticus
B03.660.250.830.830.900.....Vibrio vulnificus
B03.660.250.915.....Xanthomonadaceae
B03.660.250.915.500.....Lysobacter
B03.660.250.915.750.....Stenotrophomonas
B03.660.250.915.750.500.....Stenotrophomonas maltophilia
B03.660.250.915.930.....Xanthomonas
B03.660.250.915.930.049.....Xanthomonas axonopodis
B03.660.250.915.930.100.....Xanthomonas campestris
B03.660.250.915.930.850.....Xanthomonas vesicatoria
B03.660.250.915.950.....Xylella
B03.851.....Spirochaetales
B03.851.475.....Leptospiraceae
B03.851.475.475.....Leptospira
B03.851.475.475.400.....Leptospira interrogans
B03.851.475.475.400.050.....Leptospira interrogans serovar australis
B03.851.475.475.400.055.....Leptospira interrogans serovar autumnalis
B03.851.475.475.400.150.....Leptospira interrogans serovar canicola
B03.851.475.475.400.400.....Leptospira interrogans serovar hebdomadis
B03.851.475.475.400.420.....Leptospira interrogans serovar icterohaemorrhagiae
B03.851.475.475.400.650.....Leptospira interrogans serovar pomona
B03.851.595.....Spirochaetaceae
B03.851.595.193.....Borrelia
B03.851.595.193.150.....Borrelia burgdorferi Group
B03.851.595.193.150.125.....Borrelia burgdorferi
B03.851.595.679.....Spirochaeta
B03.851.595.795.....Treponema
B03.851.595.795.200.....Treponema denticola

## 2018 MeSH Tree Hierarchy

Tree location
B03.851.595.795.840.....Treponema pallidum
B03.900.....Sulfur-Reducing Bacteria
B03.900.174.....Desulfotobacterium
B03.900.300.....Desulfotomaculum
B03.900.350.....Desulfovibrio
B03.900.350.040.....Desulfovibrio africanus
B03.900.350.150.....Desulfovibrio desulfuricans
B03.900.350.350.....Desulfovibrio gigas
B03.900.350.875.....Desulfovibrio vulgaris
B03.900.370.....Desulfuromonas
B04.....Viruses
B04.080.....Arboviruses
B04.100.....Archaeal Viruses
B04.100.224.....Fuselloviridae
B04.100.250.....Guttaviridae
B04.100.450.....Lipothrixviridae
B04.100.500.....Myoviridae
B04.100.700.....Rudiviridae
B04.100.750.....Siphoviridae
B04.123.....Bacteriophages
B04.123.100.....Bacillus Phages
B04.123.150.....Caudovirales
B04.123.150.500.....Myoviridae
B04.123.150.500.260.....Bacteriophage mu
B04.123.150.500.300.....Bacteriophage P1
B04.123.150.500.305.....Bacteriophage P2
B04.123.150.500.350.....Bacteriophage T4
B04.123.150.700.....Podoviridae
B04.123.150.700.065.....Bacteriophage N4
B04.123.150.700.070.....Bacteriophage P22
B04.123.150.700.100.....Bacteriophage T3
B04.123.150.700.230.....Bacteriophage T7
B04.123.150.800.....Siphoviridae
B04.123.150.800.200.....Bacteriophage HK022
B04.123.150.800.230.....Bacteriophage lambda
B04.123.205.....Coliphages
B04.123.205.200.....Bacteriophage HK022
B04.123.205.230.....Bacteriophage lambda
B04.123.205.250.....Bacteriophage M13
B04.123.205.260.....Bacteriophage mu
B04.123.205.280.....Bacteriophage N4

## 2018 MeSH Tree Hierarchy

Tree location
B04.123.205.300.....Bacteriophage P1
B04.123.205.305.....Bacteriophage P2
B04.123.205.320.....Bacteriophage phi X 174
B04.123.205.350.....Bacteriophage PRD1
B04.123.205.600.....Leviviridae
B04.123.205.600.050.....Allolevivirus
B04.123.205.600.500.....Levivirus
B04.123.205.891.....T-Phages
B04.123.205.891.100.....Bacteriophage T3
B04.123.205.891.200.....Bacteriophage T4
B04.123.205.891.230.....Bacteriophage T7
B04.123.210.....Corticoviridae
B04.123.370.....Inoviridae
B04.123.370.400.....Inovirus
B04.123.370.400.240.....Bacteriophage IKe
B04.123.370.400.250.....Bacteriophage M13
B04.123.370.400.300.....Bacteriophage Pf1
B04.123.370.600.....Plectrovirus
B04.123.470.....Microviridae
B04.123.470.500.....Microvirus
B04.123.470.500.320.....Bacteriophage phi X 174
B04.123.502.....Mycobacteriophages
B04.123.655.....Prophages
B04.123.660.....Pseudomonas Phages
B04.123.660.535.....Bacteriophage Pf1
B04.123.660.550.....Bacteriophage phi 6
B04.123.691.....RNA Phages
B04.123.691.230.....Cystoviridae
B04.123.691.230.070.....Bacteriophage phi 6
B04.123.691.600.....Leviviridae
B04.123.691.600.050.....Allolevivirus
B04.123.691.600.500.....Levivirus
B04.123.706.....Salmonella Phages
B04.123.706.070.....Bacteriophage P22
B04.123.831.....Staphylococcus Phages
B04.123.850.....Streptococcus Phages
B04.123.900.....Tectiviridae
B04.123.900.150.....Bacteriophage PRD1
B04.265.....Defective Viruses
B04.265.270.....Hepatitis Delta Virus
B04.265.590.....Sarcoma Viruses, Feline

## 2018 MeSH Tree Hierarchy

Tree location	
B04.265.600.....	Sarcoma Viruses, Murine
B04.265.600.400.....	Harvey murine sarcoma virus
B04.265.600.500.....	Kirsten murine sarcoma virus
B04.265.600.600.....	Moloney murine sarcoma virus
B04.265.658.....	Satellite Viruses
B04.265.658.850.....	Tobacco mosaic satellite virus
B04.265.658.860.....	Tobacco necrosis satellite virus
B04.265.700.....	SSPE Virus
B04.280.....	DNA Viruses
B04.280.030.....	Adenoviridae
B04.280.030.080.....	Atadenovirus
B04.280.030.100.....	Aviadenovirus
B04.280.030.100.250.....	Fowl adenovirus A
B04.280.030.500.....	Mastadenovirus
B04.280.030.500.200.....	Adenoviruses, Canine
B04.280.030.500.350.....	Adenoviruses, Human
B04.280.030.500.675.....	Adenoviruses, Porcine
B04.280.030.500.700.....	Adenoviruses, Simian
B04.280.030.750.....	Siadenovirus
B04.280.038.....	Anelloviridae
B04.280.038.500.....	Torque teno virus
B04.280.045.....	Ascoviridae
B04.280.049.....	Asfarviridae
B04.280.049.035.....	African Swine Fever Virus
B04.280.065.....	Baculoviridae
B04.280.065.249.....	Granulovirus
B04.280.065.500.....	Nucleopolyhedrovirus
B04.280.090.....	Caudovirales
B04.280.090.500.....	Myoviridae
B04.280.090.500.260.....	Bacteriophage mu
B04.280.090.500.300.....	Bacteriophage P1
B04.280.090.500.305.....	Bacteriophage P2
B04.280.090.500.350.....	Bacteriophage T4
B04.280.090.700.....	Podoviridae
B04.280.090.700.065.....	Bacteriophage N4
B04.280.090.700.070.....	Bacteriophage P22
B04.280.090.700.100.....	Bacteriophage T3
B04.280.090.700.230.....	Bacteriophage T7
B04.280.090.800.....	Siphoviridae
B04.280.090.800.200.....	Bacteriophage HK022
B04.280.090.800.230.....	Bacteriophage lambda

## 2018 MeSH Tree Hierarchy

Tree location
B04.280.092.....Caulimoviridae
B04.280.092.074.....Badnavirus
B04.280.092.150.....Caulimovirus
B04.280.092.850.....Tungrovirus
B04.280.120.....Circoviridae
B04.280.120.150.....Circovirus
B04.280.120.400.....Gyrovirus
B04.280.120.400.150.....Chicken anemia virus
B04.280.210.....DNA Tumor Viruses
B04.280.210.400.....Gammaherpesvirinae
B04.280.210.400.500.....Lymphocryptovirus
B04.280.210.400.500.450.....Herpesvirus 4, Human
B04.280.210.400.700.....Rhadinovirus
B04.280.210.400.700.300.....Herpesvirus 4, Bovine
B04.280.210.400.700.330.....Herpesvirus 8, Human
B04.280.210.400.700.400.....Herpesvirus 2, Saimiriine
B04.280.210.430.....Herpesvirus 1, Ranid
B04.280.210.600.....Leporipoxvirus
B04.280.210.600.250.....Fibroma Virus, Rabbit
B04.280.210.600.550.....Myxoma virus
B04.280.210.620.....Polyomaviridae
B04.280.210.620.615.....Polyomavirus
B04.280.210.620.615.100.....BK Virus
B04.280.210.620.615.400.....JC Virus
B04.280.210.620.615.550.....Merkel cell polyomavirus
B04.280.210.620.615.700.....Simian virus 40
B04.280.210.655.....Papillomaviridae
B04.280.210.655.050.....Alphapapillomavirus
B04.280.210.655.050.606.....Human papillomavirus 6
B04.280.210.655.050.606.611.....Human papillomavirus 11
B04.280.210.655.050.616.....Human papillomavirus 16
B04.280.210.655.050.616.500.....Human papillomavirus 31
B04.280.210.655.050.618.....Human papillomavirus 18
B04.280.210.655.100.....Betapapillomavirus
B04.280.210.655.200.....Deltapapillomavirus
B04.280.210.655.200.100.....Bovine papillomavirus 1
B04.280.210.655.400.....Gammapapillomavirus
B04.280.210.655.500.....Kappapapillomavirus
B04.280.210.655.500.150.....Cottontail rabbit papillomavirus
B04.280.210.655.520.....Lambdapapillomavirus
B04.280.210.655.540.....Mupapillomavirus



## 2018 MeSH Tree Hierarchy

Tree location
B04.280.210.655.950.....Xipapillomavirus
B04.280.210.655.950.150.....Bovine papillomavirus 4
B04.280.210.950.....Yatapoxvirus
B04.280.210.950.950.....Yaba monkey tumor virus
B04.280.224.....Fuselloviridae
B04.280.350.....Geminiviridae
B04.280.350.100.....Begomovirus
B04.280.350.500.....Maize streak virus
B04.280.356.....Giant Viruses
B04.280.362.....Guttaviridae
B04.280.375.....Hepadnaviridae
B04.280.375.100.....Avihepadnavirus
B04.280.375.100.450.....Hepatitis B Virus, Duck
B04.280.375.650.....Orthohepadnavirus
B04.280.375.650.425.....Hepatitis B virus
B04.280.375.650.460.....Hepatitis B Virus, Woodchuck
B04.280.382.....Herpesviridae
B04.280.382.100.....Alphaherpesvirinae
B04.280.382.100.374.....Iltovirus
B04.280.382.100.374.450.....Herpesvirus 1, Gallid
B04.280.382.100.562.....Mardivirus
B04.280.382.100.562.400.....Herpesvirus 2, Gallid
B04.280.382.100.562.405.....Herpesvirus 3, Gallid
B04.280.382.100.562.550.....Herpesvirus 1, Meleagrid
B04.280.382.100.750.....Simplexvirus
B04.280.382.100.750.200.....Herpesvirus 2, Bovine
B04.280.382.100.750.350.....Herpesvirus 1, Cercopithecine
B04.280.382.100.750.390.....Herpesvirus 1, Human
B04.280.382.100.750.440.....Herpesvirus 2, Human
B04.280.382.100.900.....Varicellovirus
B04.280.382.100.900.400.....Herpesvirus 1, Bovine
B04.280.382.100.900.410.....Herpesvirus 5, Bovine
B04.280.382.100.900.420.....Herpesvirus 1, Canid
B04.280.382.100.900.430.....Herpesvirus 1, Equid
B04.280.382.100.900.435.....Herpesvirus 3, Equid
B04.280.382.100.900.440.....Herpesvirus 4, Equid
B04.280.382.100.900.460.....Herpesvirus 3, Human
B04.280.382.100.900.510.....Herpesvirus 1, Suid
B04.280.382.150.....Betaherpesvirinae
B04.280.382.150.150.....Cytomegalovirus
B04.280.382.150.500.....Muromegalovirus

## 2018 MeSH Tree Hierarchy

Tree location
B04.280.382.150.750.....Roseolovirus
B04.280.382.150.750.400.....Herpesvirus 6, Human
B04.280.382.150.750.420.....Herpesvirus 7, Human
B04.280.382.400.....Gammaherpesvirinae
B04.280.382.400.500.....Lymphocryptovirus
B04.280.382.400.500.400.....Herpesvirus 4, Human
B04.280.382.400.700.....Rhadinovirus
B04.280.382.400.700.300.....Herpesvirus 4, Bovine
B04.280.382.400.700.330.....Herpesvirus 8, Human
B04.280.382.400.700.400.....Herpesvirus 2, Saimiriine
B04.280.382.500.....Herpesvirus 1, Ranid
B04.280.382.530.....Ictalurivirus
B04.280.400.....Inoviridae
B04.280.400.400.....Inovirus
B04.280.400.400.240.....Bacteriophage IKE
B04.280.400.400.250.....Bacteriophage M13
B04.280.400.400.300.....Bacteriophage Pf1
B04.280.400.600.....Plectrovirus
B04.280.410.....Iridoviridae
B04.280.410.400.....Iridovirus
B04.280.410.700.....Ranavirus
B04.280.450.....Lipothrixviridae
B04.280.470.....Microviridae
B04.280.470.500.....Microvirus
B04.280.470.500.320.....Bacteriophage phi X 174
B04.280.475.....Mimiviridae
B04.280.498.....Nanoviridae
B04.280.498.500.....Nanovirus
B04.280.505.....Nimaviridae
B04.280.505.900.....White spot syndrome virus 1
B04.280.580.....Parvoviridae
B04.280.580.325.....Densovirinae
B04.280.580.325.200.....Densovirus
B04.280.580.650.....Parvovirinae
B04.280.580.650.040.....Amdovirus
B04.280.580.650.040.050.....Aleutian Mink Disease Virus
B04.280.580.650.085.....Bocavirus
B04.280.580.650.085.500.....Human bocavirus
B04.280.580.650.170.....Dependovirus
B04.280.580.650.200.....Erythrovirus
B04.280.580.650.200.650.....Parvovirus B19, Human

## 2018 MeSH Tree Hierarchy

Tree location
B04.280.580.650.600.....Parvovirus
B04.280.580.650.600.325.....Feline Panleukopenia Virus
B04.280.580.650.600.325.330.....Mink enteritis virus
B04.280.580.650.600.325.660.....Parvovirus, Canine
B04.280.580.650.600.437.....H-1 parvovirus
B04.280.580.650.600.550.....Minute Virus of Mice
B04.280.580.650.600.690.....Parvovirus, Porcine
B04.280.600.....Phycodnaviridae
B04.280.630.....Polydnaviridae
B04.280.650.....Poxviridae
B04.280.650.160.....Chordopoxvirinae
B04.280.650.160.100.....Avipoxvirus
B04.280.650.160.100.149.....Canarypox virus
B04.280.650.160.100.300.....Fowlpox virus
B04.280.650.160.150.....Capripoxvirus
B04.280.650.160.150.500.....Lumpy skin disease virus
B04.280.650.160.500.....Leporipoxvirus
B04.280.650.160.500.250.....Fibroma Virus, Rabbit
B04.280.650.160.500.550.....Myxoma virus
B04.280.650.160.550.....Molluscipoxvirus
B04.280.650.160.550.500.....Molluscum contagiosum virus
B04.280.650.160.650.....Orthopoxvirus
B04.280.650.160.650.150.....Cowpox virus
B04.280.650.160.650.200.....Ectromelia virus
B04.280.650.160.650.500.....Monkeypox virus
B04.280.650.160.650.900.....Vaccinia virus
B04.280.650.160.650.930.....Variola virus
B04.280.650.160.670.....Parapoxvirus
B04.280.650.160.670.600.....Orf virus
B04.280.650.160.670.650.....Pseudocowpox Virus
B04.280.650.160.800.....Suipoxvirus
B04.280.650.160.980.....Yatapoxvirus
B04.280.650.160.980.950.....Yaba monkey tumor virus
B04.280.650.250.....Entomopoxvirinae
B04.280.775.....Rudiviridae
B04.280.900.....Tectiviridae
B04.280.950.....Virophages
B04.352.....Fungal Viruses
B04.423.....Helper Viruses
B04.450.....Hepatitis Viruses
B04.450.100.....Adenoviruses, Canine

## 2018 MeSH Tree Hierarchy

Tree location	
B04.450.355.....	GB virus B
B04.450.360.....	GB virus C
B04.450.390.....	Hepadnaviridae
B04.450.390.100.....	Avihepadnavirus
B04.450.390.100.450.....	Hepatitis B Virus, Duck
B04.450.390.650.....	Orthohepadnavirus
B04.450.390.650.425.....	Hepatitis B virus
B04.450.390.650.460.....	Hepatitis B Virus, Woodchuck
B04.450.410.....	Hepacivirus
B04.450.411.....	Hepatitis Delta Virus
B04.450.412.....	Hepatitis E virus
B04.450.416.....	Hepatitis Virus, Duck
B04.450.420.....	Hepatovirus
B04.450.420.410.....	Hepatitis A virus
B04.450.420.410.500.....	Hepatitis A Virus, Human
B04.450.580.....	Murine hepatitis virus
B04.525.....	Insect Viruses
B04.525.045.....	Ascoviridae
B04.525.100.....	Baculoviridae
B04.525.100.249.....	Granulovirus
B04.525.100.500.....	Nucleopolyhedrovirus
B04.525.150.....	Densovirinae
B04.525.150.150.....	Densovirus
B04.525.165.....	Dicistroviridae
B04.525.250.....	Entomopoxvirinae
B04.525.400.....	Iridovirus
B04.525.515.....	Nodaviridae
B04.525.630.....	Polydnaviridae
B04.613.....	Oncogenic Viruses
B04.613.204.....	DNA Tumor Viruses
B04.613.204.500.....	Gammaherpesvirinae
B04.613.204.500.500.....	Lymphocryptovirus
B04.613.204.500.500.400.....	Herpesvirus 4, Human
B04.613.204.500.700.....	Rhadinovirus
B04.613.204.500.700.300.....	Herpesvirus 4, Bovine
B04.613.204.500.700.330.....	Herpesvirus 8, Human
B04.613.204.500.700.400.....	Herpesvirus 2, Saimiriine
B04.613.204.550.....	Herpesvirus 1, Ranid
B04.613.204.600.....	Leporipoxvirus
B04.613.204.600.250.....	Fibroma Virus, Rabbit
B04.613.204.600.550.....	Myxoma virus

## 2018 MeSH Tree Hierarchy

Tree location
B04.613.204.655.....Papillomaviridae
B04.613.204.655.050.....Alphapapillomavirus
B04.613.204.655.050.606.....Human papillomavirus 6
B04.613.204.655.050.606.611.....Human papillomavirus 11
B04.613.204.655.050.616.....Human papillomavirus 16
B04.613.204.655.050.616.500.....Human papillomavirus 31
B04.613.204.655.050.618.....Human papillomavirus 18
B04.613.204.655.100.....Betapapillomavirus
B04.613.204.655.200.....Deltapapillomavirus
B04.613.204.655.200.100.....Bovine papillomavirus 1
B04.613.204.655.400.....Gammapapillomavirus
B04.613.204.655.500.....Kappapapillomavirus
B04.613.204.655.500.150.....Cottontail rabbit papillomavirus
B04.613.204.655.520.....Lambdapapillomavirus
B04.613.204.655.540.....Mupapillomavirus
B04.613.204.655.950.....Xipapillomavirus
B04.613.204.655.950.150.....Bovine papillomavirus 4
B04.613.204.670.....Polyomaviridae
B04.613.204.670.615.....Polyomavirus
B04.613.204.670.615.100.....BK Virus
B04.613.204.670.615.400.....JC Virus
B04.613.204.670.615.550.....Merkel cell polyomavirus
B04.613.204.670.615.700.....Simian virus 40
B04.613.204.950.....Yatapoxvirus
B04.613.204.950.950.....Yaba monkey tumor virus
B04.613.807.....Retroviridae
B04.613.807.070.....Alpharetrovirus
B04.613.807.070.100.....Avian Leukosis Virus
B04.613.807.070.110.....Avian Myeloblastosis Virus
B04.613.807.070.120.....Avian Sarcoma Viruses
B04.613.807.070.120.700.....Rous sarcoma virus
B04.613.807.124.....Betaretrovirus
B04.613.807.124.400.....Jaagsiekte sheep retrovirus
B04.613.807.124.500.....Mammary Tumor Virus, Mouse
B04.613.807.124.520.....Mason-Pfizer monkey virus
B04.613.807.200.....Deltaretrovirus
B04.613.807.200.600.....Leukemia Virus, Bovine
B04.613.807.200.725.....Primate T-lymphotropic virus 1
B04.613.807.200.725.400.....Human T-lymphotropic virus 1
B04.613.807.200.725.750.....Simian T-lymphotropic virus 1
B04.613.807.200.730.....Primate T-lymphotropic virus 2

## 2018 MeSH Tree Hierarchy

Tree location
B04.613.807.200.730.399.....Human T-lymphotropic virus 2
B04.613.807.200.730.810.....Simian T-lymphotropic virus 2
B04.613.807.200.735.....Primate T-lymphotropic virus 3
B04.613.807.200.735.374.....Human T-lymphotropic virus 3
B04.613.807.200.735.750.....Simian T-lymphotropic virus 3
B04.613.807.250.....Endogenous Retroviruses
B04.613.807.260.....Epsilonretrovirus
B04.613.807.375.....Gammaretrovirus
B04.613.807.375.500.....Leukemia Virus, Feline
B04.613.807.375.510.....Leukemia Virus, Gibbon Ape
B04.613.807.375.525.....Leukemia Virus, Murine
B04.613.807.375.525.020.....Abelson murine leukemia virus
B04.613.807.375.525.050.....AKR murine leukemia virus
B04.613.807.375.525.225.....Friend murine leukemia virus
B04.613.807.375.525.580.....Mink Cell Focus-Inducing Viruses
B04.613.807.375.525.596.....Moloney murine leukemia virus
B04.613.807.375.525.750.....Radiation Leukemia Virus
B04.613.807.375.525.770.....Rauscher Virus
B04.613.807.375.525.850.....Spleen Focus-Forming Viruses
B04.613.807.375.700.....Reticuloendotheliosis Viruses, Avian
B04.613.807.375.700.700.....Reticuloendotheliosis virus
B04.613.807.375.770.....Sarcoma Virus, Woolly Monkey
B04.613.807.375.800.....Sarcoma Viruses, Feline
B04.613.807.375.860.....Sarcoma Viruses, Murine
B04.613.807.375.860.400.....Harvey murine sarcoma virus
B04.613.807.375.860.500.....Kirsten murine sarcoma virus
B04.613.807.375.860.600.....Moloney murine sarcoma virus
B04.613.807.805.....Retroviruses, Simian
B04.613.807.805.510.....Leukemia Virus, Gibbon Ape
B04.613.807.805.550.....Mason-Pfizer monkey virus
B04.613.807.805.601.....Sarcoma Virus, Woolly Monkey
B04.613.807.805.851.....Simian T-lymphotropic virus 1
B04.613.807.805.855.....Simian T-lymphotropic virus 2
B04.613.807.805.858.....Simian T-lymphotropic virus 3
B04.700.....Oncolytic Viruses
B04.715.....Plant Viruses
B04.715.081.....Bromoviridae
B04.715.081.050.....Alfavirus
B04.715.081.050.050.....Alfalfa mosaic virus
B04.715.081.080.....Bromovirus
B04.715.081.180.....Cucumovirus

## 2018 MeSH Tree Hierarchy

Tree location
B04.715.081.400.....Iflavirus
B04.715.081.700.....Oleavirus
B04.715.102.....Caulimoviridae
B04.715.102.074.....Badnavirus
B04.715.102.150.....Caulimovirus
B04.715.102.850.....Tungrovirus
B04.715.110.....Closteroviridae
B04.715.110.150.....Closterovirus
B04.715.110.175.....Crinivirus
B04.715.150.....Secoviridae
B04.715.150.150.....Comovirus
B04.715.150.250.....Fabavirus
B04.715.150.500.....Nepovirus
B04.715.260.....Flexiviridae
B04.715.260.150.....Carlavirus
B04.715.260.575.....Potexvirus
B04.715.270.....Geminiviridae
B04.715.270.100.....Begomovirus
B04.715.270.500.....Maize streak virus
B04.715.435.....Luteoviridae
B04.715.435.500.....Luteovirus
B04.715.464.....Mosaic Viruses
B04.715.464.040.....Alfamovirus
B04.715.464.040.050.....Alfalfa mosaic virus
B04.715.464.080.....Bromovirus
B04.715.464.100.....Caulimovirus
B04.715.464.150.....Comovirus
B04.715.464.180.....Cucumovirus
B04.715.464.600.....Potyvirus
B04.715.464.600.600.....Plum Pox Virus
B04.715.464.725.....Tobamovirus
B04.715.464.725.800.....Tobacco Mosaic Virus
B04.715.464.750.....Tymovirus
B04.715.499.....Nanoviridae
B04.715.499.100.....Babuvirus
B04.715.499.500.....Nanovirus
B04.715.600.....Phycodnaviridae
B04.715.635.....Potyviridae
B04.715.635.600.....Potyvirus
B04.715.635.600.600.....Plum Pox Virus
B04.715.750.....Sequiviridae

## 2018 MeSH Tree Hierarchy

Tree location
B04.715.750.750.....Sequivirus
B04.715.750.900.....Waikavirus
B04.715.780.....Tenuivirus
B04.715.810.....Tombusviridae
B04.715.810.150.....Carmovirus
B04.715.810.870.....Tombusvirus
B04.715.820.....Tospovirus
B04.715.850.....Tymoviridae
B04.715.850.860.....Tymovirus
B04.725.....Provirus
B04.800.....Reassortant Viruses
B04.820.....RNA Viruses
B04.820.057.....Arenaviridae
B04.820.057.070.....Arenavirus
B04.820.057.070.100.....Arenaviruses, Old World
B04.820.057.070.100.500.....Lassa virus
B04.820.057.070.100.525.....Lujo virus
B04.820.057.070.100.550.....Lymphocytic choriomeningitis virus
B04.820.057.070.800.....Arenaviruses, New World
B04.820.057.070.800.450.....Junin virus
B04.820.057.070.800.650.....Pichinde virus
B04.820.069.....Astroviridae
B04.820.069.080.....Avastrovirus
B04.820.069.500.....Mamastrovirus
B04.820.075.....Birnaviridae
B04.820.075.050.....Aquabirnavirus
B04.820.075.050.430.....Infectious pancreatic necrosis virus
B04.820.075.060.....Avibirnavirus
B04.820.075.060.400.....Infectious bursal disease virus
B04.820.075.200.....Entomobirnavirus
B04.820.081.....Bromoviridae
B04.820.081.050.....Alfamovirus
B04.820.081.050.050.....Alfalfa mosaic virus
B04.820.081.080.....Bromovirus
B04.820.081.180.....Cucumovirus
B04.820.081.400.....Ilarvirus
B04.820.081.700.....Oleavirus
B04.820.087.....Bunyaviridae
B04.820.087.440.....Hantavirus
B04.820.087.440.400.....Hantaan virus
B04.820.087.440.600.....Puumala virus



## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.087.440.690.....	Seoul virus
B04.820.087.440.700.....	Sin Nombre virus
B04.820.087.565.....	Nairovirus
B04.820.087.565.400.....	Hemorrhagic Fever Virus, Crimean-Congo
B04.820.087.565.600.....	Nairobi sheep disease virus
B04.820.087.640.....	Orthobunyavirus
B04.820.087.640.147.....	Bunyamwera virus
B04.820.087.640.300.....	Encephalitis Virus, California
B04.820.087.640.300.500.....	La Crosse virus
B04.820.087.640.855.....	Simbu virus
B04.820.087.710.....	Phlebovirus
B04.820.087.710.700.....	Rift Valley fever virus
B04.820.087.710.750.....	Sandfly fever Naples virus
B04.820.087.710.900.....	Uukuniemi virus
B04.820.087.855.....	Tospovirus
B04.820.095.....	Caliciviridae
B04.820.095.500.....	Lagovirus
B04.820.095.500.380.....	Hemorrhagic Disease Virus, Rabbit
B04.820.095.550.....	Norovirus
B04.820.095.550.500.....	Norwalk virus
B04.820.095.775.....	Sapovirus
B04.820.095.887.....	Vesivirus
B04.820.095.887.150.....	Calicivirus, Feline
B04.820.095.887.900.....	Vesicular exanthema of swine virus
B04.820.110.....	Closteroviridae
B04.820.110.150.....	Closterovirus
B04.820.110.175.....	Crinivirus
B04.820.150.....	Secoviridae
B04.820.150.150.....	Comovirus
B04.820.150.250.....	Fabavirus
B04.820.150.500.....	Nepovirus
B04.820.180.....	Cystoviridae
B04.820.180.070.....	Bacteriophage phi 6
B04.820.215.....	Dicistroviridae
B04.820.230.....	Encephalitis Viruses
B04.820.230.100.....	Encephalitis Virus, California
B04.820.230.100.500.....	La Crosse virus
B04.820.230.150.....	Encephalitis Virus, Eastern Equine
B04.820.230.369.....	Encephalitis Virus, Venezuelan Equine
B04.820.230.440.....	Encephalitis Virus, Western Equine
B04.820.230.475.....	Encephalitis Viruses, Japanese

## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.230.475.227.....	Encephalitis Virus, Japanese
B04.820.230.475.300.....	Encephalitis Virus, Murray Valley
B04.820.230.475.330.....	Encephalitis Virus, St. Louis
B04.820.230.475.950.....	West Nile virus
B04.820.230.511.....	Encephalitis Viruses, Tick-Borne
B04.820.250.....	Flaviviridae
B04.820.250.350.....	Flavivirus
B04.820.250.350.270.....	Dengue Virus
B04.820.250.350.300.....	Encephalitis Viruses, Japanese
B04.820.250.350.300.227.....	Encephalitis Virus, Japanese
B04.820.250.350.300.300.....	Encephalitis Virus, Murray Valley
B04.820.250.350.300.330.....	Encephalitis Virus, St. Louis
B04.820.250.350.300.950.....	West Nile virus
B04.820.250.350.350.....	Encephalitis Viruses, Tick-Borne
B04.820.250.350.990.....	Yellow fever virus
B04.820.250.350.995.....	Zika Virus
B04.820.250.400.....	GB virus A
B04.820.250.410.....	GB virus C
B04.820.250.475.....	Hepacivirus
B04.820.250.475.405.....	GB virus B
B04.820.250.700.....	Pestivirus
B04.820.250.700.100.....	Border disease virus
B04.820.250.700.150.....	Diarrhea Viruses, Bovine Viral
B04.820.250.700.150.100.....	Diarrhea Virus 1, Bovine Viral
B04.820.250.700.150.120.....	Diarrhea Virus 2, Bovine Viral
B04.820.250.700.400.....	Classical swine fever virus
B04.820.260.....	Flexiviridae
B04.820.260.150.....	Carlavirus
B04.820.260.575.....	Potexvirus
B04.820.300.....	Hepatitis Delta Virus
B04.820.340.....	Hepevirus
B04.820.340.400.....	Hepatitis E virus
B04.820.410.....	Leviviridae
B04.820.410.050.....	Allolevivirus
B04.820.410.500.....	Levivirus
B04.820.420.....	Luteoviridae
B04.820.420.500.....	Luteovirus
B04.820.455.....	Mononegavirales
B04.820.455.149.....	Bornaviridae
B04.820.455.149.135.....	Borna disease virus
B04.820.455.300.....	Filoviridae

## 2018 MeSH Tree Hierarchy

Tree location
B04.820.455.300.200.....Ebolavirus
B04.820.455.300.650.....Marburgvirus
B04.820.455.600.....Paramyxoviridae
B04.820.455.600.650.....Paramyxovirinae
B04.820.455.600.650.070.....Avulavirus
B04.820.455.600.650.070.600.....Newcastle disease virus
B04.820.455.600.650.400.....Henipavirus
B04.820.455.600.650.400.400.....Hendra Virus
B04.820.455.600.650.400.550.....Nipah Virus
B04.820.455.600.650.500.....Morbillivirus
B04.820.455.600.650.500.280.....Distemper Virus, Canine
B04.820.455.600.650.500.320.....Distemper Virus, Phocine
B04.820.455.600.650.500.500.....Measles virus
B04.820.455.600.650.500.500.890.....SSPE Virus
B04.820.455.600.650.500.650.....Peste-des-petits-ruminants virus
B04.820.455.600.650.500.675.....Rinderpest virus
B04.820.455.600.650.700.....Respirovirus
B04.820.455.600.650.700.700.....Parainfluenza Virus 3, Bovine
B04.820.455.600.650.700.715.....Parainfluenza Virus 1, Human
B04.820.455.600.650.700.735.....Parainfluenza Virus 3, Human
B04.820.455.600.650.700.800.....Sendai virus
B04.820.455.600.650.750.....Rubulavirus
B04.820.455.600.650.750.550.....Mumps virus
B04.820.455.600.650.750.715.....Parainfluenza Virus 2, Human
B04.820.455.600.650.750.717.....Parainfluenza Virus 4, Human
B04.820.455.600.650.750.800.....Parainfluenza Virus 5
B04.820.455.600.670.....Pneumovirinae
B04.820.455.600.670.500.....Metapneumovirus
B04.820.455.600.670.600.....Pneumovirus
B04.820.455.600.670.600.550.....Murine pneumonia virus
B04.820.455.600.670.600.750.....Respiratory Syncytial Viruses
B04.820.455.600.670.600.750.700.....Respiratory Syncytial Virus, Bovine
B04.820.455.600.670.600.750.730.....Respiratory Syncytial Virus, Human
B04.820.455.750.....Rhabdoviridae
B04.820.455.750.250.....Ephemerovirus
B04.820.455.750.250.200.....Ephemeral Fever Virus, Bovine
B04.820.455.750.500.....Lyssavirus
B04.820.455.750.500.700.....Rabies virus
B04.820.455.750.600.....Novirhabdovirus
B04.820.455.750.600.400.....Infectious hematopoietic necrosis virus
B04.820.455.750.900.....Vesiculovirus

## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.455.750.900.900.....	Vesicular stomatitis Indiana virus
B04.820.455.750.900.910.....	Vesicular stomatitis New Jersey virus
B04.820.504.....	Nidovirales
B04.820.504.080.....	Arteriviridae
B04.820.504.080.500.....	Arterivirus
B04.820.504.080.500.100.....	Arteritis Virus, Equine
B04.820.504.080.500.500.....	Lactate dehydrogenase-elevating virus
B04.820.504.080.500.800.....	Porcine respiratory and reproductive syndrome virus
B04.820.504.540.....	Coronaviridae
B04.820.504.540.150.....	Coronavirus
B04.820.504.540.150.075.....	Alphacoronavirus
B04.820.504.540.150.075.500.....	Alphacoronavirus 1
B04.820.504.540.150.075.500.250.....	Coronavirus, Canine
B04.820.504.540.150.075.500.375.....	Coronavirus, Feline
B04.820.504.540.150.075.500.500.....	Transmissible gastroenteritis virus
B04.820.504.540.150.075.500.500.600.....	Porcine Respiratory Coronavirus
B04.820.504.540.150.075.750.....	Coronavirus 229E, Human
B04.820.504.540.150.075.875.....	Coronavirus NL63, Human
B04.820.504.540.150.075.937.....	Porcine epidemic diarrhea virus
B04.820.504.540.150.113.....	Betacoronavirus
B04.820.504.540.150.113.500.....	Betacoronavirus 1
B04.820.504.540.150.113.500.500.....	Coronavirus OC43, Human
B04.820.504.540.150.113.500.750.....	Coronavirus, Bovine
B04.820.504.540.150.113.625.....	Coronavirus, Rat
B04.820.504.540.150.113.750.....	Middle East Respiratory Syndrome Coronavirus
B04.820.504.540.150.113.875.....	Murine hepatitis virus
B04.820.504.540.150.113.937.....	SARS Virus
B04.820.504.540.150.400.....	Gammacoronavirus
B04.820.504.540.150.400.500.....	Coronavirus, Turkey
B04.820.504.540.150.400.750.....	Infectious bronchitis virus
B04.820.504.540.800.....	Torovirus
B04.820.504.770.....	Roniviridae
B04.820.515.....	Nodaviridae
B04.820.545.....	Orthomyxoviridae
B04.820.545.405.....	Influenzavirus A
B04.820.545.405.400.....	Influenza A virus
B04.820.545.405.400.106.....	Influenza A Virus, H10N8 Subtype
B04.820.545.405.400.214.....	Influenza A Virus, H1N1 Subtype
B04.820.545.405.400.216.....	Influenza A Virus, H1N2 Subtype
B04.820.545.405.400.250.....	Influenza A Virus, H2N2 Subtype
B04.820.545.405.400.300.....	Influenza A Virus, H3N2 Subtype

## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.545.405.400.350.....	Influenza A Virus, H3N8 Subtype
B04.820.545.405.400.500.....	Influenza A Virus, H5N1 Subtype
B04.820.545.405.400.505.....	Influenza A Virus, H5N2 Subtype
B04.820.545.405.400.598.....	Influenza A Virus, H5N8 Subtype
B04.820.545.405.400.690.....	Influenza A Virus, H7N1 Subtype
B04.820.545.405.400.692.....	Influenza A Virus, H7N2 Subtype
B04.820.545.405.400.694.....	Influenza A Virus, H7N3 Subtype
B04.820.545.405.400.700.....	Influenza A Virus, H7N7 Subtype
B04.820.545.405.400.800.....	Influenza A Virus, H7N9 Subtype
B04.820.545.405.400.900.....	Influenza A Virus, H9N2 Subtype
B04.820.545.405.400.920.....	Influenza A Virus, H10N7 Subtype
B04.820.545.407.....	Influenzavirus B
B04.820.545.407.410.....	Influenza B virus
B04.820.545.410.....	Influenzavirus C
B04.820.545.450.....	Isavirus
B04.820.545.850.....	Thogotovirus
B04.820.562.....	Picobirnavirus
B04.820.565.....	Picornaviridae
B04.820.565.070.....	Aphthovirus
B04.820.565.070.250.....	Foot-and-Mouth Disease Virus
B04.820.565.170.....	Cardiovirus
B04.820.565.170.200.....	Encephalomyocarditis virus
B04.820.565.170.200.150.....	Columbia SK virus
B04.820.565.170.200.480.....	Maus Elberfeld virus
B04.820.565.170.200.500.....	Mengovirus
B04.820.565.170.800.....	Theilovirus
B04.820.565.227.....	Encephalomyelitis Virus, Avian
B04.820.565.284.....	Enterovirus
B04.820.565.284.180.....	Enterovirus A, Human
B04.820.565.284.182.....	Enterovirus B, Human
B04.820.565.284.182.225.....	Echovirus 6, Human
B04.820.565.284.182.250.....	Echovirus 9
B04.820.565.284.184.....	Enterovirus C, Human
B04.820.565.284.188.....	Enterovirus D, Human
B04.820.565.284.200.....	Enterovirus, Bovine
B04.820.565.284.600.....	Enteroviruses, Porcine
B04.820.565.284.645.....	Hepatitis Virus, Duck
B04.820.565.284.689.....	Poliovirus
B04.820.565.290.....	Erbovirus
B04.820.565.400.....	Hepatovirus
B04.820.565.400.410.....	Hepatitis A virus

## 2018 MeSH Tree Hierarchy

Tree location
B04.820.565.400.410.500.....Hepatitis A Virus, Human
B04.820.565.500.....Kobuvirus
B04.820.565.700.....Parechovirus
B04.820.565.775.....Rhinovirus
B04.820.565.830.....Teschovirus
B04.820.590.....Potyviridae
B04.820.590.600.....Potyvirus
B04.820.590.600.600.....Plum Pox Virus
B04.820.630.....Reoviridae
B04.820.630.160.....Coltivirus
B04.820.630.160.200.....Colorado tick fever virus
B04.820.630.550.....Orbivirus
B04.820.630.550.050.....African Horse Sickness Virus
B04.820.630.550.100.....Bluetongue virus
B04.820.630.550.400.....Hemorrhagic Disease Virus, Epizootic
B04.820.630.550.750.....Palyam Virus
B04.820.630.590.....Orthoreovirus
B04.820.630.590.500.....Orthoreovirus, Avian
B04.820.630.590.550.....Orthoreovirus, Mammalian
B04.820.630.590.550.700.....Mammalian orthoreovirus 3
B04.820.630.790.....Rotavirus
B04.820.650.....Retroviridae
B04.820.650.070.....Alpharetrovirus
B04.820.650.070.100.....Avian Leukosis Virus
B04.820.650.070.110.....Avian Myeloblastosis Virus
B04.820.650.070.120.....Avian Sarcoma Viruses
B04.820.650.070.120.700.....Rous sarcoma virus
B04.820.650.124.....Betaretrovirus
B04.820.650.124.400.....Jaagsiekte sheep retrovirus
B04.820.650.124.500.....Mammary Tumor Virus, Mouse
B04.820.650.124.520.....Mason-Pfizer monkey virus
B04.820.650.200.....Deltaretrovirus
B04.820.650.200.600.....Leukemia Virus, Bovine
B04.820.650.200.725.....Primate T-lymphotropic virus 1
B04.820.650.200.725.400.....Human T-lymphotropic virus 1
B04.820.650.200.725.755.....Simian T-lymphotropic virus 1
B04.820.650.200.730.....Primate T-lymphotropic virus 2
B04.820.650.200.730.404.....Human T-lymphotropic virus 2
B04.820.650.200.730.810.....Simian T-lymphotropic virus 2
B04.820.650.200.735.....Primate T-lymphotropic virus 3
B04.820.650.200.735.374.....Human T-lymphotropic virus 3

## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.650.200.735.750.....	Simian T-lymphotropic virus 3
B04.820.650.250.....	Endogenous Retroviruses
B04.820.650.260.....	Epsilonretrovirus
B04.820.650.375.....	Gammaretrovirus
B04.820.650.375.500.....	Leukemia Virus, Feline
B04.820.650.375.510.....	Leukemia Virus, Gibbon Ape
B04.820.650.375.525.....	Leukemia Virus, Murine
B04.820.650.375.525.020.....	Abelson murine leukemia virus
B04.820.650.375.525.050.....	AKR murine leukemia virus
B04.820.650.375.525.225.....	Friend murine leukemia virus
B04.820.650.375.525.580.....	Mink Cell Focus-Inducing Viruses
B04.820.650.375.525.596.....	Moloney murine leukemia virus
B04.820.650.375.525.750.....	Radiation Leukemia Virus
B04.820.650.375.525.770.....	Rauscher Virus
B04.820.650.375.525.850.....	Spleen Focus-Forming Viruses
B04.820.650.375.700.....	Reticuloendotheliosis Viruses, Avian
B04.820.650.375.700.700.....	Reticuloendotheliosis virus
B04.820.650.375.700.850.....	Trager duck spleen necrosis virus
B04.820.650.375.770.....	Sarcoma Virus, Woolly Monkey
B04.820.650.375.800.....	Sarcoma Viruses, Feline
B04.820.650.375.860.....	Sarcoma Viruses, Murine
B04.820.650.375.860.400.....	Harvey murine sarcoma virus
B04.820.650.375.860.500.....	Kirsten murine sarcoma virus
B04.820.650.375.860.600.....	Moloney murine sarcoma virus
B04.820.650.375.930.....	Xenotropic murine leukemia virus-related virus
B04.820.650.589.....	Lentivirus
B04.820.650.589.500.....	Lentiviruses, Bovine
B04.820.650.589.500.400.....	Immunodeficiency Virus, Bovine
B04.820.650.589.520.....	Lentiviruses, Equine
B04.820.650.589.520.400.....	Infectious Anemia Virus, Equine
B04.820.650.589.530.....	Lentiviruses, Feline
B04.820.650.589.530.400.....	Immunodeficiency Virus, Feline
B04.820.650.589.600.....	Lentiviruses, Ovine-Caprine
B04.820.650.589.600.070.....	Arthritis-Encephalitis Virus, Caprine
B04.820.650.589.600.900.....	Visna-maedi virus
B04.820.650.589.650.....	Lentiviruses, Primate
B04.820.650.589.650.350.....	HIV
B04.820.650.589.650.350.400.....	HIV-1
B04.820.650.589.650.350.410.....	HIV-2
B04.820.650.589.650.800.....	Simian Immunodeficiency Virus
B04.820.650.805.....	Retroviruses, Simian

## 2018 MeSH Tree Hierarchy

Tree location	
B04.820.650.805.510.....	Leukemia Virus, Gibbon Ape
B04.820.650.805.550.....	Mason-Pfizer monkey virus
B04.820.650.805.601.....	Sarcoma Virus, Woolly Monkey
B04.820.650.805.700.....	Simian Immunodeficiency Virus
B04.820.650.805.851.....	Simian T-lymphotropic virus 1
B04.820.650.805.855.....	Simian T-lymphotropic virus 2
B04.820.650.850.....	Spumavirus
B04.820.650.850.750.....	Simian foamy virus
B04.820.750.....	Sequiviridae
B04.820.750.750.....	Sequivirus
B04.820.750.900.....	Waikavirus
B04.820.800.....	Tenuivirus
B04.820.850.....	Togaviridae
B04.820.850.054.....	Alphavirus
B04.820.850.054.198.....	Chikungunya virus
B04.820.850.054.320.....	Encephalitis Virus, Eastern Equine
B04.820.850.054.340.....	Encephalitis Virus, Venezuelan Equine
B04.820.850.054.360.....	Encephalitis Virus, Western Equine
B04.820.850.054.586.....	O'nyong-nyong Virus
B04.820.850.054.813.....	Ross River virus
B04.820.850.054.840.....	Semliki forest virus
B04.820.850.054.860.....	Sindbis Virus
B04.820.850.700.....	Rubivirus
B04.820.850.700.700.....	Rubella virus
B04.820.860.....	Tombusviridae
B04.820.860.150.....	Carmovirus
B04.820.860.870.....	Tombusvirus
B04.820.880.....	Totiviridae
B04.820.880.400.....	Giardiavirus
B04.820.880.500.....	Leishmaniavirus
B04.820.880.800.....	Totivirus
B04.820.900.....	Tymoviridae
B04.820.900.850.....	Tymovirus
B04.950.....	Virion
B04.950.500.....	Nucleocapsid
B04.950.500.250.....	Capsid
B04.956.....	Viroids
B04.970.....	Viruses, Unclassified
B04.970.270.....	Anelloviridae
B04.970.540.....	Nanovirus
B04.970.610.....	Picobirnavirus



## 2018 MeSH Tree Hierarchy

Tree location
B05.....Organism Forms
B05.080.....Aquatic Organisms
B05.080.250.....Periphyton
B05.080.500.....Plankton
B05.080.500.600.....Phytoplankton
B05.080.500.600.500.....Microalgae
B05.080.500.980.....Zooplankton
B05.080.750.....Seaweed
B05.080.750.450.....Kelp
B05.110.....Atypical Bacterial Forms
B05.110.422.....L Forms
B05.110.761.....Spheroplasts
B05.155.....Blood-Borne Pathogens
B05.200.....Chimera
B05.200.750.....Transplantation Chimera
B05.200.750.760.....Radiation Chimera
B05.237.....Endophytes
B05.256.....Extremophiles
B05.275.....Hermaphroditic Organisms
B05.350.....Lichens
B05.500.....Life Cycle Stages
B05.500.500.....Larva
B05.500.500.150.....Cercaria
B05.500.500.150.500.....Metacercariae
B05.500.650.....Nymph
B05.500.675.....Oocysts
B05.500.675.800.....Sporozoites
B05.500.700.....Pupa
B05.500.800.....Schizonts
B05.500.800.500.....Merozoites
B05.500.950.....Trophozoites
B05.525.....Microfilariae
B05.550.....Mycorrhizae
B05.620.....Organisms, Genetically Modified
B05.620.136.....Animals, Genetically Modified
B05.620.368.....Microorganisms, Genetically-Modified
B05.620.600.....Plants, Genetically Modified
B05.698.....Sentinel Species
B05.775.....Spores
B05.775.700.....Spores, Bacterial
B05.775.710.....Spores, Fungal

## 2018 MeSH Tree Hierarchy

Tree location
B05.775.740.....Spores, Protozoan
B05.775.740.600.....Oocysts
B05.775.740.600.800.....Sporozoites
B05.775.740.800.....Schizonts
B05.775.740.800.500.....Merozoites
B05.775.740.900.....Trophozoites
C01.....Bacterial Infections and Mycoses
C01.252.....Bacterial Infections
C01.252.100.....Bacteremia
C01.252.100.375.....Hemorrhagic Septicemia
C01.252.200.....Central Nervous System Bacterial Infections
C01.252.200.450.....Lyme Neuroborreliosis
C01.252.200.500.....Meningitis, Bacterial
C01.252.200.500.400.....Meningitis, Escherichia coli
C01.252.200.500.450.....Meningitis, Haemophilus
C01.252.200.500.500.....Meningitis, Listeria
C01.252.200.500.550.....Meningitis, Meningococcal
C01.252.200.500.550.800.....Waterhouse-Friderichsen Syndrome
C01.252.200.500.600.....Meningitis, Pneumococcal
C01.252.200.500.800.....Tuberculosis, Meningeal
C01.252.200.750.....Neurosyphilis
C01.252.300.....Endocarditis, Bacterial
C01.252.300.407.....Endocarditis, Subacute Bacterial
C01.252.354.....Eye Infections, Bacterial
C01.252.354.225.....Conjunctivitis, Bacterial
C01.252.354.225.250.....Conjunctivitis, Inclusion
C01.252.354.225.625.....Ophthalmia Neonatorum
C01.252.354.225.800.....Trachoma
C01.252.354.400.....Hordeolum
C01.252.354.450.....Keratoconjunctivitis, Infectious
C01.252.354.800.....Tuberculosis, Ocular
C01.252.354.900.....Uveitis, Suppurative
C01.252.354.900.675.....Panophthalmitis
C01.252.377.....Fournier Gangrene
C01.252.400.....Gram-Negative Bacterial Infections
C01.252.400.050.....Aliivibrio Infections
C01.252.400.054.....Anaplasmatocae Infections
C01.252.400.054.050.....Anaplasmosis
C01.252.400.054.160.....Ehrlichiosis
C01.252.400.054.160.400.....Heartwater Disease
C01.252.400.110.....Bacteroidaceae Infections

## 2018 MeSH Tree Hierarchy

Tree location
C01.252.400.110.109.....Bacteroides Infections
C01.252.400.126.....Bartonellaceae Infections
C01.252.400.126.100.....Bartonella Infections
C01.252.400.126.100.050.....Angiomatosis, Bacillary
C01.252.400.126.100.150.....Cat-Scratch Disease
C01.252.400.126.100.800.....Trench Fever
C01.252.400.143.....Bordetella Infections
C01.252.400.143.740.....Whooping Cough
C01.252.400.155.....Borrelia Infections
C01.252.400.155.569.....Lyme Disease
C01.252.400.155.569.200.....Erythema Chronicum Migrans
C01.252.400.155.569.600.....Lyme Neuroborreliosis
C01.252.400.155.644.....Relapsing Fever
C01.252.400.167.....Brucellosis
C01.252.400.167.322.....Brucellosis, Bovine
C01.252.400.170.....Burkholderia Infections
C01.252.400.170.400.....Glanders
C01.252.400.170.531.....Meliodosis
C01.252.400.177.....Campylobacter Infections
C01.252.400.200.....Cat-Scratch Disease
C01.252.400.210.....Chlamydiaceae Infections
C01.252.400.210.210.....Chlamydia Infections
C01.252.400.210.210.124.....Chlamydial Pneumonia
C01.252.400.210.210.250.....Conjunctivitis, Inclusion
C01.252.400.210.210.490.....Lymphogranuloma Venereum
C01.252.400.210.210.800.....Trachoma
C01.252.400.210.250.....Chlamydoxiphila Infections
C01.252.400.210.250.299.....Chlamydial Pneumonia
C01.252.400.210.250.600.....Psittacosis
C01.252.400.245.....Cytophagaceae Infections
C01.252.400.260.....Desulfovibrionaceae Infections
C01.252.400.310.....Enterobacteriaceae Infections
C01.252.400.310.229.....Dysentery, Bacillary
C01.252.400.310.330.....Escherichia coli Infections
C01.252.400.310.330.500.....Meningitis, Escherichia coli
C01.252.400.310.416.....Granuloma Inguinale
C01.252.400.310.503.....Klebsiella Infections
C01.252.400.310.503.650.....Rhinoscleroma
C01.252.400.310.708.....Proteus Infections
C01.252.400.310.821.....Salmonella Infections
C01.252.400.310.821.438.....Paratyphoid Fever

## 2018 MeSH Tree Hierarchy

Tree location	
C01.252.400.310.821.606.....	Salmonella Food Poisoning
C01.252.400.310.821.706.....	Salmonella Infections, Animal
C01.252.400.310.821.873.....	Typhoid Fever
C01.252.400.310.850.....	Serratia Infections
C01.252.400.310.980.....	Yersinia Infections
C01.252.400.310.980.745.....	Plague
C01.252.400.310.980.780.....	Yersinia pseudotuberculosis Infections
C01.252.400.349.....	Flavobacteriaceae Infections
C01.252.400.388.....	Fusobacteriaceae Infections
C01.252.400.388.350.....	Fusobacterium Infections
C01.252.400.388.350.400.....	Gingivitis, Necrotizing Ulcerative
C01.252.400.388.350.700.....	Lemierre Syndrome
C01.252.400.466.....	Helicobacter Infections
C01.252.400.500.....	Legionellosis
C01.252.400.500.501.....	Legionnaires' Disease
C01.252.400.511.....	Leptospirosis
C01.252.400.511.739.....	Weil Disease
C01.252.400.560.....	Moraxellaceae Infections
C01.252.400.560.022.....	Acinetobacter Infections
C01.252.400.610.....	Mycoplasmatales Infections
C01.252.400.610.610.....	Mycoplasma Infections
C01.252.400.610.610.717.....	Pleuropneumonia, Contagious
C01.252.400.610.610.760.....	Pneumonia, Mycoplasma
C01.252.400.610.850.....	Ureaplasma Infections
C01.252.400.625.....	Neisseriaceae Infections
C01.252.400.625.391.....	Gonorrhea
C01.252.400.625.391.658.....	Ophthalmia Neonatorum
C01.252.400.625.549.....	Meningococcal Infections
C01.252.400.625.549.449.....	Meningitis, Meningococcal
C01.252.400.625.549.449.800.....	Waterhouse-Friderichsen Syndrome
C01.252.400.700.....	Pasteurellaceae Infections
C01.252.400.700.030.....	Actinobacillus Infections
C01.252.400.700.030.178.....	Actinobacillosis
C01.252.400.700.433.....	Haemophilus Infections
C01.252.400.700.433.257.....	Chancroid
C01.252.400.700.433.615.....	Meningitis, Haemophilus
C01.252.400.700.662.....	Pasteurella Infections
C01.252.400.700.662.297.....	Hemorrhagic Septicemia
C01.252.400.700.675.....	Pasteurellosis, Pneumonic
C01.252.400.719.....	Piscirickettsiaceae Infections
C01.252.400.739.....	Pseudomonas Infections

## 2018 MeSH Tree Hierarchy

Tree location
C01.252.400.755.....Q Fever
C01.252.400.771.....Rat-Bite Fever
C01.252.400.780.....Rickettsiaceae Infections
C01.252.400.780.600.....Pneumonia, Rickettsial
C01.252.400.780.790.....Rickettsia Infections
C01.252.400.780.790.750.....Spotted Fever Group Rickettsiosis
C01.252.400.780.790.750.250.....Boutonneuse Fever
C01.252.400.780.790.750.500.....Rocky Mountain Spotted Fever
C01.252.400.780.790.800.....Typhus, Endemic Flea-Borne
C01.252.400.780.790.805.....Typhus, Epidemic Louse-Borne
C01.252.400.780.850.....Scrub Typhus
C01.252.400.825.....Tick-Borne Diseases
C01.252.400.825.050.....Anaplasmosis
C01.252.400.825.200.....Ehrlichiosis
C01.252.400.825.300.....Heartwater Disease
C01.252.400.825.480.....Lyme Disease
C01.252.400.825.480.400.....Erythema Chronicum Migrans
C01.252.400.825.480.700.....Lyme Neuroborreliosis
C01.252.400.825.750.....Relapsing Fever
C01.252.400.825.887.....Spotted Fever Group Rickettsiosis
C01.252.400.825.887.250.....Boutonneuse Fever
C01.252.400.825.887.500.....Rocky Mountain Spotted Fever
C01.252.400.840.....Treponemal Infections
C01.252.400.840.558.....Pinta
C01.252.400.840.744.....Syphilis
C01.252.400.840.744.161.....Chancere
C01.252.400.840.744.456.....Neurosyphilis
C01.252.400.840.744.456.778.....Tabes Dorsalis
C01.252.400.840.744.657.....Syphilis, Cardiovascular
C01.252.400.840.744.725.....Syphilis, Congenital
C01.252.400.840.744.800.....Syphilis, Cutaneous
C01.252.400.840.744.871.....Syphilis, Latent
C01.252.400.840.892.....Yaws
C01.252.400.939.....Tularemia
C01.252.400.959.....Vibrio Infections
C01.252.400.959.347.....Cholera
C01.252.410.....Gram-Positive Bacterial Infections
C01.252.410.040.....Actinomycetales Infections
C01.252.410.040.137.....Actinomycosis
C01.252.410.040.137.262.....Actinomycosis, Cervicofacial
C01.252.410.040.137.631.....Whipple Disease

## 2018 MeSH Tree Hierarchy

Tree location
C01.252.410.040.246.....Corynebacterium Infections
C01.252.410.040.246.388.....Diphtheria
C01.252.410.040.246.430.....Erythrasma
C01.252.410.040.552.....Mycobacterium Infections
C01.252.410.040.552.386.....Leprosy
C01.252.410.040.552.386.775.....Leprosy, Multibacillary
C01.252.410.040.552.386.775.500.....Leprosy, Lepromatous
C01.252.410.040.552.386.850.....Leprosy, Paucibacillary
C01.252.410.040.552.386.850.249.....Leprosy, Borderline
C01.252.410.040.552.386.850.500.....Leprosy, Tuberculoid
C01.252.410.040.552.475.....Mycobacterium Infections, Nontuberculous
C01.252.410.040.552.475.247.....Buruli Ulcer
C01.252.410.040.552.475.495.....Mycobacterium avium-intracellulare Infection
C01.252.410.040.552.588.....Paratuberculosis
C01.252.410.040.552.846.....Tuberculosis
C01.252.410.040.552.846.122.....Latent Tuberculosis
C01.252.410.040.552.846.246.....Peritonitis, Tuberculous
C01.252.410.040.552.846.493.....Tuberculoma
C01.252.410.040.552.846.493.400.....Tuberculoma, Intracranial
C01.252.410.040.552.846.516.....Tuberculosis, Avian
C01.252.410.040.552.846.538.....Tuberculosis, Bovine
C01.252.410.040.552.846.561.....Tuberculosis, Cardiovascular
C01.252.410.040.552.846.561.595.....Pericarditis, Tuberculous
C01.252.410.040.552.846.570.....Tuberculosis, Central Nervous System
C01.252.410.040.552.846.570.300.....Tuberculoma, Intracranial
C01.252.410.040.552.846.570.600.....Tuberculosis, Meningeal
C01.252.410.040.552.846.583.....Tuberculosis, Cutaneous
C01.252.410.040.552.846.583.260.....Erythema Induratum
C01.252.410.040.552.846.583.470.....Lupus Vulgaris
C01.252.410.040.552.846.606.....Tuberculosis, Endocrine
C01.252.410.040.552.846.628.....Tuberculosis, Gastrointestinal
C01.252.410.040.552.846.651.....Tuberculosis, Hepatic
C01.252.410.040.552.846.696.....Tuberculosis, Laryngeal
C01.252.410.040.552.846.719.....Tuberculosis, Lymph Node
C01.252.410.040.552.846.719.500.....King's Evil
C01.252.410.040.552.846.764.....Tuberculosis, Miliary
C01.252.410.040.552.846.775.....Tuberculosis, Multidrug-Resistant
C01.252.410.040.552.846.775.500.....Extensively Drug-Resistant Tuberculosis
C01.252.410.040.552.846.786.....Tuberculosis, Ocular
C01.252.410.040.552.846.809.....Tuberculosis, Oral
C01.252.410.040.552.846.831.....Tuberculosis, Osteoarticular

## 2018 MeSH Tree Hierarchy

Tree location
C01.252.410.040.552.846.831.722.....Tuberculosis, Spinal
C01.252.410.040.552.846.877.....Tuberculosis, Pleural
C01.252.410.040.552.846.877.405.....Empyema, Tuberculous
C01.252.410.040.552.846.899.....Tuberculosis, Pulmonary
C01.252.410.040.552.846.899.669.....Silicotuberculosis
C01.252.410.040.552.846.922.....Tuberculosis, Splenic
C01.252.410.040.552.846.944.....Tuberculosis, Urogenital
C01.252.410.040.552.846.944.596.....Tuberculosis, Female Genital
C01.252.410.040.552.846.944.721.....Tuberculosis, Male Genital
C01.252.410.040.552.846.944.847.....Tuberculosis, Renal
C01.252.410.040.692.....Nocardia Infections
C01.252.410.040.692.606.....Mycetoma
C01.252.410.090.....Bacillaceae Infections
C01.252.410.090.072.....Anthrax
C01.252.410.110.....Bifidobacteriales Infections
C01.252.410.222.....Clostridium Infections
C01.252.410.222.151.....Botulism
C01.252.410.222.310.....Enterocolitis, Pseudomembranous
C01.252.410.222.325.....Enterotoxemia
C01.252.410.222.440.....Gas Gangrene
C01.252.410.222.864.....Tetanus
C01.252.410.334.....Erysipelothrix Infections
C01.252.410.334.329.....Erysipeloid
C01.252.410.334.776.....Swine Erysipelas
C01.252.410.514.....Listeriosis
C01.252.410.514.533.....Meningitis, Listeria
C01.252.410.868.....Staphylococcal Infections
C01.252.410.868.675.....Pneumonia, Staphylococcal
C01.252.410.868.806.....Staphylococcal Food Poisoning
C01.252.410.868.820.....Staphylococcal Skin Infections
C01.252.410.868.820.270.....Furunculosis
C01.252.410.868.820.270.200.....Carbuncle
C01.252.410.868.820.504.....Impetigo
C01.252.410.868.820.770.....Staphylococcal Scalded Skin Syndrome
C01.252.410.890.....Streptococcal Infections
C01.252.410.890.210.....Ecthyma
C01.252.410.890.240.....Endocarditis, Subacute Bacterial
C01.252.410.890.328.....Erysipelas
C01.252.410.890.485.....Impetigo
C01.252.410.890.670.....Pneumococcal Infections
C01.252.410.890.670.595.....Meningitis, Pneumococcal

## 2018 MeSH Tree Hierarchy

Tree location
C01.252.410.890.670.750.....Pneumonia, Pneumococcal
C01.252.410.890.731.....Rheumatic Fever
C01.252.410.890.731.649.....Rheumatic Heart Disease
C01.252.410.890.823.....Scarlet Fever
C01.252.620.....Pneumonia, Bacterial
C01.252.620.249.....Chlamydial Pneumonia
C01.252.620.500.....Pneumonia, Mycoplasma
C01.252.620.530.....Pneumonia of Calves, Enzootic
C01.252.620.540.....Pneumonia of Swine, Mycoplasmal
C01.252.620.550.....Pneumonia, Pneumococcal
C01.252.620.600.....Pneumonia, Rickettsial
C01.252.620.620.....Pneumonia, Staphylococcal
C01.252.810.....Sexually Transmitted Diseases, Bacterial
C01.252.810.201.....Chancroid
C01.252.810.301.....Chlamydia Infections
C01.252.810.301.490.....Lymphogranuloma Venereum
C01.252.810.401.....Gonorrhea
C01.252.810.451.....Granuloma Inguinale
C01.252.810.859.....Syphilis
C01.252.825.....Skin Diseases, Bacterial
C01.252.825.110.....Actinomycosis, Cervicofacial
C01.252.825.150.....Angiomatosis, Bacillary
C01.252.825.180.....Digital Dermatitis
C01.252.825.210.....Ecthyma
C01.252.825.260.....Erysipelas
C01.252.825.310.....Erythema Chronicum Migrans
C01.252.825.320.....Erythrasma
C01.252.825.340.....Fasciitis, Necrotizing
C01.252.825.360.....Granuloma Inguinale
C01.252.825.420.....Hidradenitis Suppurativa
C01.252.825.557.....Mycetoma
C01.252.825.630.....Pinta
C01.252.825.705.....Rhinoscleroma
C01.252.825.770.....Staphylococcal Skin Infections
C01.252.825.770.270.....Furunculosis
C01.252.825.770.270.200.....Carbuncle
C01.252.825.770.360.....Impetigo
C01.252.825.770.770.....Staphylococcal Scalded Skin Syndrome
C01.252.825.790.....Syphilis, Cutaneous
C01.252.825.820.....Tuberculosis, Cutaneous
C01.252.825.820.260.....Erythema Induratum



## 2018 MeSH Tree Hierarchy

Tree location
C01.252.825.820.470.....Lupus Vulgaris
C01.252.825.910.....Yaws
C01.252.847.....Spirochaetales Infections
C01.252.847.193.....Borrelia Infections
C01.252.847.193.569.....Lyme Disease
C01.252.847.193.569.200.....Erythema Chronicum Migrans
C01.252.847.193.569.600.....Lyme Neuroborreliosis
C01.252.847.193.644.....Relapsing Fever
C01.252.847.511.....Leptospirosis
C01.252.847.511.739.....Weil Disease
C01.252.847.840.....Treponemal Infections
C01.252.847.840.558.....Pinta
C01.252.847.840.744.....Syphilis
C01.252.847.840.744.161.....Chancre
C01.252.847.840.744.456.....Neurosyphilis
C01.252.847.840.744.456.778.....Tabes Dorsalis
C01.252.847.840.744.657.....Syphilis, Cardiovascular
C01.252.847.840.744.725.....Syphilis, Congenital
C01.252.847.840.744.800.....Syphilis, Cutaneous
C01.252.847.840.744.871.....Syphilis, Latent
C01.252.847.840.892.....Yaws
C01.252.954.....Vaginosis, Bacterial
C01.395.....Central Nervous System Infections
C01.395.250.....Brain Abscess
C01.395.250.500.....Toxoplasmosis, Cerebral
C01.395.500.....Central Nervous System Bacterial Infections
C01.539.....Infection
C01.539.069.....Aneurysm, Infected
C01.539.100.....Arthritis, Infectious
C01.539.100.500.....Arthritis, Reactive
C01.539.160.....Bone Diseases, Infectious
C01.539.160.495.....Osteomyelitis
C01.539.160.495.500.....Mastoiditis
C01.539.160.495.750.....Petrositis
C01.539.160.495.875.....Pott Puffy Tumor
C01.539.160.595.....Periostitis
C01.539.160.762.....Spondylitis
C01.539.160.762.301.....Discitis
C01.539.160.886.....Tuberculosis, Osteoarticular
C01.539.160.886.722.....Tuberculosis, Spinal
C01.539.190.....Cardiovascular Infections

## 2018 MeSH Tree Hierarchy

Tree location
C01.539.190.249.....Endocarditis, Bacterial
C01.539.190.249.407.....Endocarditis, Subacute Bacterial
C01.539.190.500.....Syphilis, Cardiovascular
C01.539.190.750.....Tuberculosis, Cardiovascular
C01.539.190.750.595.....Pericarditis, Tuberculous
C01.539.195.....Catheter-Related Infections
C01.539.218.....Coinfection
C01.539.221.....Communicable Diseases
C01.539.221.500.....Communicable Diseases, Emerging
C01.539.221.625.....Communicable Diseases, Imported
C01.539.221.750.....Waterborne Diseases
C01.539.234.....Community-Acquired Infections
C01.539.248.....Cross Infection
C01.539.248.500.....Pneumonia, Ventilator-Associated
C01.539.375.....Eye Infections
C01.539.375.177.....Corneal Ulcer
C01.539.375.265.....Endophthalmitis
C01.539.375.265.500.....Uveitis, Suppurative
C01.539.375.354.....Eye Infections, Bacterial
C01.539.375.354.220.....Conjunctivitis, Bacterial
C01.539.375.354.220.250.....Conjunctivitis, Inclusion
C01.539.375.354.220.625.....Ophthalmia Neonatorum
C01.539.375.354.220.800.....Trachoma
C01.539.375.354.400.....Hordeolum
C01.539.375.354.450.....Keratoconjunctivitis, Infectious
C01.539.375.354.800.....Tuberculosis, Ocular
C01.539.375.354.900.....Uveitis, Suppurative
C01.539.375.354.900.675.....Panophthalmitis
C01.539.375.450.....Eye Infections, Fungal
C01.539.375.450.900.....Uveitis, Suppurative
C01.539.375.450.900.675.....Panophthalmitis
C01.539.392.....Focal Infection
C01.539.392.433.....Focal Infection, Dental
C01.539.424.....Gingivitis, Necrotizing Ulcerative
C01.539.463.....Intraabdominal Infections
C01.539.463.099.....Appendicitis
C01.539.463.199.....Diverticular Diseases
C01.539.463.199.375.....Diverticulitis
C01.539.463.199.375.250.....Diverticulitis, Colonic
C01.539.463.199.375.625.....Diverticulosis, Stomach
C01.539.463.199.750.....Diverticulum

## 2018 MeSH Tree Hierarchy

Tree location
C01.539.463.199.750.500.....Diverticulum, Colon
C01.539.463.199.750.687.....Diverticulum, Stomach
C01.539.463.199.750.750.....Meckel Diverticulum
C01.539.463.600.....Peritonitis
C01.539.463.600.249.....Peritonitis, Tuberculous
C01.539.463.600.500.....Subphrenic Abscess
C01.539.463.850.....Typhlitis
C01.539.503.....Laboratory Infection
C01.539.535.....Ludwig's Angina
C01.539.597.....Opportunistic Infections
C01.539.597.050.....AIDS-Related Opportunistic Infections
C01.539.597.880.....Superinfection
C01.539.635.....Pelvic Infection
C01.539.635.500.....Pelvic Inflammatory Disease
C01.539.674.....Pregnancy Complications, Infectious
C01.539.674.173.....Abortion, Septic
C01.539.674.715.....Puerperal Infection
C01.539.685.....Prosthesis-Related Infections
C01.539.730.....Reproductive Tract Infections
C01.539.739.....Respiratory Tract Infections
C01.539.739.484.....Empyema, Pleural
C01.539.739.484.320.....Empyema, Tuberculous
C01.539.739.969.....Whooping Cough
C01.539.757.....Sepsis
C01.539.757.100.....Bacteremia
C01.539.757.100.275.....Endotoxemia
C01.539.757.100.375.....Hemorrhagic Septicemia
C01.539.757.360.....Fungemia
C01.539.757.360.150.....Candidemia
C01.539.757.580.....Neonatal Sepsis
C01.539.757.800.....Shock, Septic
C01.539.778.....Sexually Transmitted Diseases
C01.539.778.281.....Sexually Transmitted Diseases, Bacterial
C01.539.778.281.201.....Chancroid
C01.539.778.281.301.....Chlamydia Infections
C01.539.778.281.301.490.....Lymphogranuloma Venereum
C01.539.778.281.401.....Gonorrhea
C01.539.778.281.451.....Granuloma Inguinale
C01.539.778.281.859.....Syphilis
C01.539.800.....Skin Diseases, Infectious
C01.539.800.130.....Cellulitis

## 2018 MeSH Tree Hierarchy

Tree location
C01.539.800.200.....Dermatomycoses
C01.539.800.200.055.....Blastomycosis
C01.539.800.200.100.....Candidiasis, Chronic Mucocutaneous
C01.539.800.200.105.....Candidiasis, Cutaneous
C01.539.800.200.110.....Chromoblastomycosis
C01.539.800.200.383.....Hyalohyphomycosis
C01.539.800.200.383.125.....Alternariosis
C01.539.800.200.383.375.....Cerebral Phaeohyphomycosis
C01.539.800.200.383.500.....Fusariosis
C01.539.800.200.475.....Lobomycosis
C01.539.800.200.500.....Mycetoma
C01.539.800.200.675.....Sporotrichosis
C01.539.800.200.720.....Tinea
C01.539.800.200.720.550.....Onychomycosis
C01.539.800.200.720.730.....Tinea Capitis
C01.539.800.200.720.730.740.....Tinea Favosa
C01.539.800.200.720.760.....Tinea Pedis
C01.539.800.200.860.....Tinea Versicolor
C01.539.800.460.....Paronychia
C01.539.800.720.....Skin Diseases, Bacterial
C01.539.800.720.110.....Actinomycosis, Cervicofacial
C01.539.800.720.150.....Angiomatosis, Bacillary
C01.539.800.720.180.....Digital Dermatitis
C01.539.800.720.210.....Ecthyma
C01.539.800.720.260.....Erysipelas
C01.539.800.720.310.....Erythema Chronicum Migrans
C01.539.800.720.320.....Erythrasma
C01.539.800.720.360.....Granuloma Inguinale
C01.539.800.720.420.....Hidradenitis Suppurativa
C01.539.800.720.557.....Mycetoma
C01.539.800.720.630.....Pinta
C01.539.800.720.705.....Rhinoscleroma
C01.539.800.720.770.....Staphylococcal Skin Infections
C01.539.800.720.770.270.....Furunculosis
C01.539.800.720.770.270.200.....Carbuncle
C01.539.800.720.770.360.....Impetigo
C01.539.800.720.770.770.....Staphylococcal Scalded Skin Syndrome
C01.539.800.720.790.....Syphilis, Cutaneous
C01.539.800.720.820.....Tuberculosis, Cutaneous
C01.539.800.720.820.260.....Erythema Induratum
C01.539.800.720.820.470.....Lupus Vulgaris

## 2018 MeSH Tree Hierarchy

Tree location
C01.539.800.720.910.....Yaws
C01.539.820.....Soft Tissue Infections
C01.539.830.....Suppuration
C01.539.830.025.....Abscess
C01.539.830.025.020.....Abdominal Abscess
C01.539.830.025.020.455.....Liver Abscess
C01.539.830.025.020.455.460.....Liver Abscess, Amebic
C01.539.830.025.020.455.730.....Liver Abscess, Pyogenic
C01.539.830.025.020.810.....Subphrenic Abscess
C01.539.830.025.160.....Brain Abscess
C01.539.830.025.160.800.....Toxoplasmosis, Cerebral
C01.539.830.025.325.....Epidural Abscess
C01.539.830.025.490.....Lung Abscess
C01.539.830.025.650.....Periapical Abscess
C01.539.830.025.665.....Periodontal Abscess
C01.539.830.025.675.....Peritonsillar Abscess
C01.539.830.025.700.....Psoas Abscess
C01.539.830.025.780.....Retropharyngeal Abscess
C01.539.830.200.....Cellulitis
C01.539.830.305.....Empyema
C01.539.830.305.310.....Empyema, Pleural
C01.539.830.305.310.320.....Empyema, Tuberculous
C01.539.830.305.330.....Empyema, Subdural
C01.539.830.499.....Hidradenitis Suppurativa
C01.539.830.694.....Otitis Media, Suppurative
C01.539.830.767.....Pyomyositis
C01.539.830.840.....Thyroiditis, Suppurative
C01.539.830.900.....Uveitis, Suppurative
C01.539.861.....Toxemia
C01.539.861.375.....Endotoxemia
C01.539.895.....Urinary Tract Infections
C01.539.895.219.....Bacteriuria
C01.539.895.719.....Pyuria
C01.539.895.775.....Schistosomiasis haematobia
C01.539.947.....Wound Infection
C01.539.947.692.....Surgical Wound Infection
C01.703.....Mycoses
C01.703.080.....Aspergillosis
C01.703.080.537.....Neuroaspergillosis
C01.703.080.768.....Pulmonary Aspergillosis
C01.703.080.768.500.....Aspergillosis, Allergic Bronchopulmonary

## 2018 MeSH Tree Hierarchy

Tree location	
C01.703.080.768.750.....	Invasive Pulmonary Aspergillosis
C01.703.160.....	Candidiasis
C01.703.160.165.....	Candidiasis, Chronic Mucocutaneous
C01.703.160.170.....	Candidiasis, Cutaneous
C01.703.160.175.....	Candidiasis, Invasive
C01.703.160.175.150.....	Candidemia
C01.703.160.180.....	Candidiasis, Oral
C01.703.160.190.....	Candidiasis, Vulvovaginal
C01.703.181.....	Central Nervous System Fungal Infections
C01.703.181.500.....	Meningitis, Fungal
C01.703.181.500.500.....	Meningitis, Cryptococcal
C01.703.203.....	Coccidioidomycosis
C01.703.248.....	Cryptococcosis
C01.703.248.290.....	Meningitis, Cryptococcal
C01.703.295.....	Dermatomycoses
C01.703.295.055.....	Blastomycosis
C01.703.295.165.....	Candidiasis, Chronic Mucocutaneous
C01.703.295.170.....	Candidiasis, Cutaneous
C01.703.295.182.....	Chromoblastomycosis
C01.703.295.328.....	Hyalohyphomycosis
C01.703.295.328.125.....	Alternariosis
C01.703.295.328.375.....	Cerebral Phaeohyphomycosis
C01.703.295.328.500.....	Fusariosis
C01.703.295.475.....	Lobomycosis
C01.703.295.522.....	Mycetoma
C01.703.295.675.....	Sporotrichosis
C01.703.295.872.....	Tinea
C01.703.295.872.458.....	Onychomycosis
C01.703.295.872.541.....	Tinea Capitis
C01.703.295.872.541.500.....	Tinea Favosa
C01.703.295.872.707.....	Tinea Pedis
C01.703.295.936.....	Tinea Versicolor
C01.703.343.....	Eye Infections, Fungal
C01.703.343.900.....	Uveitis, Suppurative
C01.703.343.900.675.....	Panophthalmitis
C01.703.392.....	Geotrichosis
C01.703.450.....	Histoplasmosis
C01.703.492.....	Invasive Fungal Infections
C01.703.492.500.....	Candidiasis, Invasive
C01.703.492.500.150.....	Candidemia
C01.703.492.625.....	Fungemia

## 2018 MeSH Tree Hierarchy

Tree location
C01.703.492.625.150.....Candidemia
C01.703.492.688.....Invasive Pulmonary Aspergillosis
C01.703.492.750.....Neuroaspergillosis
C01.703.534.....Lung Diseases, Fungal
C01.703.534.395.....Blastomycosis
C01.703.534.700.....Pneumonia, Pneumocystis
C01.703.617.....Microsporidiosis
C01.703.617.300.....Encephalitozoonosis
C01.703.658.....Otomycosis
C01.703.700.....Paracoccidioidomycosis
C01.703.726.....Phaeohyphomycosis
C01.703.726.500.....Cerebral Phaeohyphomycosis
C01.703.753.....Piedra
C01.703.770.....Pneumocystis Infections
C01.703.770.700.....Pneumonia, Pneumocystis
C01.703.875.....Trichosporonosis
C01.703.980.....Zygomycosis
C01.703.980.600.....Mucormycosis
C01.908.....Zoonoses
C02.....Virus Diseases
C02.081.....Arbovirus Infections
C02.081.030.....African Horse Sickness
C02.081.125.....Bluetongue
C02.081.270.....Dengue
C02.081.270.200.....Severe Dengue
C02.081.343.....Encephalitis, Arbovirus
C02.081.343.340.....Encephalitis, California
C02.081.343.345.....Encephalitis, Japanese
C02.081.343.350.....Encephalitis, St. Louis
C02.081.343.360.....Encephalitis, Tick-Borne
C02.081.343.950.....West Nile Fever
C02.081.355.....Encephalomyelitis, Equine
C02.081.355.177.....Encephalomyelitis, Eastern Equine
C02.081.355.355.....Encephalomyelitis, Venezuelan Equine
C02.081.355.677.....Encephalomyelitis, Western Equine
C02.081.700.....Phlebotomus Fever
C02.081.810.....Rift Valley Fever
C02.081.885.....Tick-Borne Diseases
C02.081.885.125.....African Swine Fever
C02.081.885.200.....Colorado Tick Fever
C02.081.885.400.....Encephalitis, Tick-Borne

## 2018 MeSH Tree Hierarchy

Tree location
C02.081.885.430.....Hemorrhagic Fever, Crimean
C02.081.885.440.....Hemorrhagic Fever, Omsk
C02.081.885.475.....Kyasanur Forest Disease
C02.081.885.550.....Nairobi Sheep Disease
C02.081.980.....Yellow Fever
C02.081.990.....Zika Virus Infection
C02.109.....Bronchiolitis, Viral
C02.182.....Central Nervous System Viral Diseases
C02.182.525.....Encephalitis, Viral
C02.182.525.300.....Encephalitis, Arbovirus
C02.182.525.300.200.....Encephalitis, California
C02.182.525.300.250.....Encephalitis, Japanese
C02.182.525.300.300.....Encephalitis, St. Louis
C02.182.525.300.350.....Encephalitis, Tick-Borne
C02.182.525.300.850.....West Nile Fever
C02.182.525.350.....Encephalitis, Herpes Simplex
C02.182.525.400.....Encephalitis, Varicella Zoster
C02.182.525.450.....Encephalomyelitis, Equine
C02.182.525.450.250.....Encephalomyelitis, Venezuelan Equine
C02.182.525.450.300.....Encephalomyelitis, Western Equine
C02.182.525.500.....Leukoencephalopathy, Progressive Multifocal
C02.182.525.600.....Subacute Sclerosing Panencephalitis
C02.182.550.....Meningitis, Viral
C02.182.550.500.....Lymphocytic Choriomeningitis
C02.182.710.....Pseudorabies
C02.219.....Coinfection
C02.256.....DNA Virus Infections
C02.256.076.....Adenoviridae Infections
C02.256.076.045.....Adenovirus Infections, Human
C02.256.076.381.....Hepatitis, Infectious Canine
C02.256.142.....African Swine Fever
C02.256.200.....Circoviridae Infections
C02.256.200.500.....Porcine Postweaning Multisystemic Wasting Syndrome
C02.256.430.....Hepadnaviridae Infections
C02.256.430.400.....Hepatitis B
C02.256.430.400.100.....Hepatitis B, Chronic
C02.256.466.....Herpesviridae Infections
C02.256.466.087.....Bell Palsy
C02.256.466.245.....Cytomegalovirus Infections
C02.256.466.245.150.....Cytomegalovirus Retinitis
C02.256.466.262.....Encephalitis, Herpes Simplex



## 2018 MeSH Tree Hierarchy

Tree location	
C02.256.466.313.....	Epstein-Barr Virus Infections
C02.256.466.313.165.....	Burkitt Lymphoma
C02.256.466.313.400.....	Infectious Mononucleosis
C02.256.466.313.500.....	Leukoplakia, Hairy
C02.256.466.382.....	Herpes Simplex
C02.256.466.382.290.....	Herpes Genitalis
C02.256.466.382.316.....	Herpes Labialis
C02.256.466.382.410.....	Kaposi Varicelliform Eruption
C02.256.466.382.465.....	Keratitis, Herpetic
C02.256.466.382.465.450.....	Keratitis, Dendritic
C02.256.466.382.834.....	Stomatitis, Herpetic
C02.256.466.488.....	Infectious Bovine Rhinotracheitis
C02.256.466.606.....	Malignant Catarrh
C02.256.466.650.....	Marek Disease
C02.256.466.793.....	Pseudorabies
C02.256.466.850.....	Roseolovirus Infections
C02.256.466.850.290.....	Exanthema Subitum
C02.256.466.860.....	Sarcoma, Kaposi
C02.256.466.930.....	Varicella Zoster Virus Infection
C02.256.466.930.250.....	Chickenpox
C02.256.466.930.500.....	Encephalitis, Varicella Zoster
C02.256.466.930.750.....	Herpes Zoster
C02.256.466.930.750.466.....	Herpes Zoster Ophthalmicus
C02.256.466.930.750.733.....	Herpes Zoster Oticus
C02.256.466.930.750.970.....	Zoster Sine Herpete
C02.256.650.....	Papillomavirus Infections
C02.256.650.810.....	Warts
C02.256.650.810.217.....	Condylomata Acuminata
C02.256.650.810.217.500.....	Buschke-Lowenstein Tumor
C02.256.650.810.345.....	Epidermodysplasia Verruciformis
C02.256.700.....	Parvoviridae Infections
C02.256.700.091.....	Aleutian Mink Disease
C02.256.700.300.....	Erythema Infectiosum
C02.256.700.363.....	Feline Panleukopenia
C02.256.700.550.....	Mink Viral Enteritis
C02.256.721.....	Polyomavirus Infections
C02.256.721.150.....	Carcinoma, Merkel Cell
C02.256.721.500.....	Leukoencephalopathy, Progressive Multifocal
C02.256.743.....	Poxviridae Infections
C02.256.743.175.....	Cowpox
C02.256.743.193.....	Ecthyma, Contagious

## 2018 MeSH Tree Hierarchy

Tree location	
C02.256.743.239.....	Ectromelia, Infectious
C02.256.743.366.....	Fowlpox
C02.256.743.494.....	Lumpy Skin Disease
C02.256.743.611.....	Molluscum Contagiosum
C02.256.743.615.....	Monkeypox
C02.256.743.665.....	Myxomatosis, Infectious
C02.256.743.826.....	Smallpox
C02.256.743.929.....	Vaccinia
C02.290.....	Encephalitis, Viral
C02.290.310.....	Encephalitis, Arbovirus
C02.290.310.140.....	Encephalitis, California
C02.290.310.280.....	Encephalitis, Japanese
C02.290.310.406.....	Encephalitis, St. Louis
C02.290.310.530.....	Encephalitis, Tick-Borne
C02.290.310.950.....	West Nile Fever
C02.290.325.....	Encephalitis, Herpes Simplex
C02.290.355.....	Encephalitis, Varicella Zoster
C02.290.450.....	Encephalomyelitis, Equine
C02.290.450.200.....	Encephalomyelitis, Eastern Equine
C02.290.450.225.....	Encephalomyelitis, Venezuelan Equine
C02.290.450.250.....	Encephalomyelitis, Western Equine
C02.290.575.....	Leukoencephalopathy, Progressive Multifocal
C02.290.700.....	Subacute Sclerosing Panencephalitis
C02.325.....	Eye Infections, Viral
C02.325.250.....	Conjunctivitis, Viral
C02.325.250.250.....	Conjunctivitis, Acute Hemorrhagic
C02.325.270.....	Cytomegalovirus Retinitis
C02.325.450.....	Herpes Zoster Ophthalmicus
C02.325.465.....	Keratitis, Herpetic
C02.325.465.450.....	Keratitis, Dendritic
C02.330.....	Fatigue Syndrome, Chronic
C02.407.....	Hepatitis, Viral, Animal
C02.407.432.....	Hepatitis, Infectious Canine
C02.407.810.....	Rift Valley Fever
C02.440.....	Hepatitis, Viral, Human
C02.440.420.....	Hepatitis A
C02.440.435.....	Hepatitis B
C02.440.435.100.....	Hepatitis B, Chronic
C02.440.440.....	Hepatitis C
C02.440.440.120.....	Hepatitis C, Chronic
C02.440.450.....	Hepatitis D

## 2018 MeSH Tree Hierarchy

Tree location
C02.440.450.100.....Hepatitis D, Chronic
C02.440.470.....Hepatitis E
C02.597.....Opportunistic Infections
C02.597.050.....AIDS-Related Opportunistic Infections
C02.597.880.....Superinfection
C02.705.....Pneumonia, Viral
C02.782.....RNA Virus Infections
C02.782.082.....Arenaviridae Infections
C02.782.082.440.....Hemorrhagic Fever, American
C02.782.082.545.....Lassa Fever
C02.782.082.580.....Lymphocytic Choriomeningitis
C02.782.105.....Astroviridae Infections
C02.782.123.....Birnaviridae Infections
C02.782.147.....Bunyaviridae Infections
C02.782.147.340.....Encephalitis, California
C02.782.147.420.....Hantavirus Infections
C02.782.147.420.380.....Hantavirus Pulmonary Syndrome
C02.782.147.420.400.....Hemorrhagic Fever with Renal Syndrome
C02.782.147.444.....Hemorrhagic Fever, Crimean
C02.782.147.633.....Nairobi Sheep Disease
C02.782.147.700.....Phlebotomus Fever
C02.782.147.810.....Rift Valley Fever
C02.782.160.....Caliciviridae Infections
C02.782.160.927.....Vesicular Exanthema of Swine
C02.782.310.....Encephalitis, Arbovirus
C02.782.310.340.....Encephalitis, California
C02.782.310.345.....Encephalitis, Japanese
C02.782.310.350.....Encephalitis, St. Louis
C02.782.310.360.....Encephalitis, Tick-Borne
C02.782.310.950.....West Nile Fever
C02.782.350.....Flaviviridae Infections
C02.782.350.250.....Flavivirus Infections
C02.782.350.250.214.....Dengue
C02.782.350.250.214.200.....Severe Dengue
C02.782.350.250.300.....Encephalitis, Japanese
C02.782.350.250.450.....Encephalitis, St. Louis
C02.782.350.250.500.....Encephalitis, Tick-Borne
C02.782.350.250.560.....Hemorrhagic Fever, Omsk
C02.782.350.250.635.....Kyasanur Forest Disease
C02.782.350.250.650.....Louping Ill
C02.782.350.250.900.....West Nile Fever

## 2018 MeSH Tree Hierarchy

Tree location
C02.782.350.250.980.....Yellow Fever
C02.782.350.250.990.....Zika Virus Infection
C02.782.350.350.....Hepatitis C
C02.782.350.350.120.....Hepatitis C, Chronic
C02.782.350.675.....Pestivirus Infections
C02.782.350.675.100.....Border Disease
C02.782.350.675.106.....Bovine Virus Diarrhea-Mucosal Disease
C02.782.350.675.200.....Classical Swine Fever
C02.782.350.675.400.....Hemorrhagic Syndrome, Bovine
C02.782.417.....Hemorrhagic Fevers, Viral
C02.782.417.214.....Dengue
C02.782.417.214.200.....Severe Dengue
C02.782.417.400.....Hemorrhagic Fever, American
C02.782.417.412.....Hemorrhagic Fever, Crimean
C02.782.417.415.....Hemorrhagic Fever, Ebola
C02.782.417.435.....Hemorrhagic Fever, Omsk
C02.782.417.450.....Hemorrhagic Fever with Renal Syndrome
C02.782.417.475.....Kyasanur Forest Disease
C02.782.417.505.....Lassa Fever
C02.782.417.560.....Marburg Virus Disease
C02.782.417.762.....Rift Valley Fever
C02.782.417.881.....Yellow Fever
C02.782.450.....Hepatitis D
C02.782.450.100.....Hepatitis D, Chronic
C02.782.455.....Hepatitis E
C02.782.580.....Mononegavirales Infections
C02.782.580.124.....Borna Disease
C02.782.580.250.....Filoviridae Infections
C02.782.580.250.400.....Hemorrhagic Fever, Ebola
C02.782.580.250.500.....Marburg Virus Disease
C02.782.580.600.....Paramyxoviridae Infections
C02.782.580.600.080.....Avulavirus Infections
C02.782.580.600.080.600.....Newcastle Disease
C02.782.580.600.400.....Henipavirus Infections
C02.782.580.600.500.....Morbillivirus Infections
C02.782.580.600.500.285.....Distemper
C02.782.580.600.500.500.....Measles
C02.782.580.600.500.500.800.....Subacute Sclerosing Panencephalitis
C02.782.580.600.500.600.....Peste-des-Petits-Ruminants
C02.782.580.600.500.700.....Rinderpest
C02.782.580.600.600.....Respirovirus Infections

## 2018 MeSH Tree Hierarchy

Tree location
C02.782.580.600.600.648.....Pasteurellosis, Pneumonic
C02.782.580.600.620.....Pneumovirus Infections
C02.782.580.600.620.750.....Respiratory Syncytial Virus Infections
C02.782.580.600.680.....Rubulavirus Infections
C02.782.580.600.680.500.....Mumps
C02.782.580.830.....Rhabdoviridae Infections
C02.782.580.830.375.....Ephemeral Fever
C02.782.580.830.450.....Hemorrhagic Septicemia, Viral
C02.782.580.830.750.....Rabies
C02.782.580.830.825.....Vesicular Stomatitis
C02.782.600.....Nidovirales Infections
C02.782.600.100.....Arterivirus Infections
C02.782.600.100.700.....Porcine Reproductive and Respiratory Syndrome
C02.782.600.550.....Coronaviridae Infections
C02.782.600.550.200.....Coronavirus Infections
C02.782.600.550.200.325.....Enteritis, Transmissible, of Turkeys
C02.782.600.550.200.360.....Feline Infectious Peritonitis
C02.782.600.550.200.400.....Gastroenteritis, Transmissible, of Swine
C02.782.600.550.200.750.....Severe Acute Respiratory Syndrome
C02.782.600.550.800.....Torovirus Infections
C02.782.620.....Orthomyxoviridae Infections
C02.782.620.365.....Influenza, Human
C02.782.620.375.....Influenza in Birds
C02.782.687.....Picornaviridae Infections
C02.782.687.150.....Cardiovirus Infections
C02.782.687.207.....Common Cold
C02.782.687.359.....Enterovirus Infections
C02.782.687.359.201.....Conjunctivitis, Acute Hemorrhagic
C02.782.687.359.213.....Coxsackievirus Infections
C02.782.687.359.213.331.....Hand, Foot and Mouth Disease
C02.782.687.359.213.466.....Herpangina
C02.782.687.359.213.737.....Pleurodynia, Epidemic
C02.782.687.359.347.....Echovirus Infections
C02.782.687.359.347.500.....Herpangina
C02.782.687.359.456.....Encephalomyelitis, Enzootic Porcine
C02.782.687.359.500.....Hepatitis A
C02.782.687.359.764.....Poliomyelitis
C02.782.687.359.764.614.....Poliomyelitis, Bulbar
C02.782.687.359.764.650.....Postpoliomyelitis Syndrome
C02.782.687.359.855.....Swine Vesicular Disease
C02.782.687.484.....Foot-and-Mouth Disease

## 2018 MeSH Tree Hierarchy

Tree location
C02.782.791.....Reoviridae Infections
C02.782.791.142.....African Horse Sickness
C02.782.791.315.....Bluetongue
C02.782.791.482.....Colorado Tick Fever
C02.782.791.814.....Rotavirus Infections
C02.782.815.....Retroviridae Infections
C02.782.815.096.....Avian Leukosis
C02.782.815.200.....Deltaretrovirus Infections
C02.782.815.200.260.....Enzootic Bovine Leukosis
C02.782.815.200.470.....HTLV-I Infections
C02.782.815.200.470.710.....Paraparesis, Tropical Spastic
C02.782.815.200.480.....HTLV-II Infections
C02.782.815.616.....Lentivirus Infections
C02.782.815.616.300.....Equine Infectious Anemia
C02.782.815.616.350.....Feline Acquired Immunodeficiency Syndrome
C02.782.815.616.400.....HIV Infections
C02.782.815.616.400.040.....Acquired Immunodeficiency Syndrome
C02.782.815.616.400.044.....Acute Retroviral Syndrome
C02.782.815.616.400.048.....AIDS Arteritis, Central Nervous System
C02.782.815.616.400.050.....AIDS-Associated Nephropathy
C02.782.815.616.400.070.....AIDS Dementia Complex
C02.782.815.616.400.080.....AIDS-Related Complex
C02.782.815.616.400.100.....AIDS-Related Opportunistic Infections
C02.782.815.616.400.400.....HIV-Associated Lipodystrophy Syndrome
C02.782.815.616.400.480.....HIV Enteropathy
C02.782.815.616.400.500.....HIV Seropositivity
C02.782.815.616.400.520.....HIV Wasting Syndrome
C02.782.815.616.660.....Pneumonia, Progressive Interstitial, of Sheep
C02.782.815.616.850.....Simian Acquired Immunodeficiency Syndrome
C02.782.815.616.900.....Visna
C02.782.815.622.....Leukemia, Feline
C02.782.815.650.....Murine Acquired Immunodeficiency Syndrome
C02.782.815.725.....Pulmonary Adenomatosis, Ovine
C02.782.815.800.....Sarcoma, Avian
C02.782.930.....Togaviridae Infections
C02.782.930.100.....Alphavirus Infections
C02.782.930.100.184.....Chikungunya Fever
C02.782.930.100.370.....Encephalomyelitis, Equine
C02.782.930.100.370.162.....Encephalomyelitis, Eastern Equine
C02.782.930.100.370.325.....Encephalomyelitis, Venezuelan Equine
C02.782.930.100.370.662.....Encephalomyelitis, Western Equine

## 2018 MeSH Tree Hierarchy

Tree location
C02.782.930.700.....Rubivirus Infections
C02.782.930.700.700.....Rubella
C02.782.930.700.700.700.....Rubella Syndrome, Congenital
C02.800.....Sexually Transmitted Diseases
C02.800.801.....Sexually Transmitted Diseases, Viral
C02.800.801.220.....Condylomata Acuminata
C02.800.801.220.500.....Buschke-Lowenstein Tumor
C02.800.801.350.....Herpes Genitalis
C02.800.801.400.....HIV Infections
C02.800.801.400.040.....Acquired Immunodeficiency Syndrome
C02.800.801.400.044.....Acute Retroviral Syndrome
C02.800.801.400.048.....AIDS Arteritis, Central Nervous System
C02.800.801.400.050.....AIDS-Associated Nephropathy
C02.800.801.400.070.....AIDS Dementia Complex
C02.800.801.400.080.....AIDS-Related Complex
C02.800.801.400.400.....HIV-Associated Lipodystrophy Syndrome
C02.800.801.400.480.....HIV Enteropathy
C02.800.801.400.500.....HIV Seropositivity
C02.800.801.400.520.....HIV Wasting Syndrome
C02.825.....Skin Diseases, Viral
C02.825.260.....Erythema Infectiosum
C02.825.290.....Exanthema Subitum
C02.825.320.....Herpes Simplex
C02.825.320.320.....Herpes Labialis
C02.825.320.410.....Kaposi Varicelliform Eruption
C02.825.550.....Molluscum Contagiosum
C02.825.810.....Warts
C02.825.810.110.....Condylomata Acuminata
C02.825.810.110.500.....Buschke-Lowenstein Tumor
C02.825.810.260.....Epidermodysplasia Verruciformis
C02.839.....Slow Virus Diseases
C02.839.040.....Acquired Immunodeficiency Syndrome
C02.839.080.....AIDS-Related Complex
C02.839.091.....Aleutian Mink Disease
C02.839.375.....Equine Infectious Anemia
C02.839.400.....Feline Acquired Immunodeficiency Syndrome
C02.839.550.....Leukoencephalopathy, Progressive Multifocal
C02.839.660.....Pneumonia, Progressive Interstitial, of Sheep
C02.839.850.....Simian Acquired Immunodeficiency Syndrome
C02.839.862.....Subacute Sclerosing Panencephalitis
C02.839.900.....Visna

## 2018 MeSH Tree Hierarchy

Tree location
C02.928.....Tumor Virus Infections
C02.928.120.....Avian Leukosis
C02.928.216.....Carcinoma, Merkel Cell
C02.928.313.....Epstein-Barr Virus Infections
C02.928.313.165.....Burkitt Lymphoma
C02.928.489.....Marek Disease
C02.928.650.....Murine Acquired Immunodeficiency Syndrome
C02.928.725.....Papillomavirus Infections
C02.928.740.....Pulmonary Adenomatosis, Ovine
C02.928.800.....Sarcoma, Avian
C02.928.914.....Warts
C02.928.914.217.....Condylomata Acuminata
C02.928.914.217.500.....Buschke-Lowenstein Tumor
C02.928.914.345.....Epidermodysplasia Verruciformis
C02.937.....Viremia
C02.968.....Zoonoses
C03.....Parasitic Diseases
C03.105.....Central Nervous System Parasitic Infections
C03.105.250.....Central Nervous System Helminthiasis
C03.105.250.550.....Neurocysticercosis
C03.105.250.600.....Neuroschistosomiasis
C03.105.300.....Central Nervous System Protozoal Infections
C03.105.300.500.....Malaria, Cerebral
C03.105.300.800.....Toxoplasmosis, Cerebral
C03.202.....Coinfection
C03.300.....Eye Infections, Parasitic
C03.300.125.....Acanthamoeba Keratitis
C03.300.562.....Onchocerciasis, Ocular
C03.300.781.....Toxoplasmosis, Ocular
C03.335.....Helminthiasis
C03.335.190.....Cestode Infections
C03.335.190.304.....Diphyllobothriasis
C03.335.190.304.780.....Sparganosis
C03.335.190.396.....Echinococcosis
C03.335.190.396.314.....Echinococcosis, Hepatic
C03.335.190.396.480.....Echinococcosis, Pulmonary
C03.335.190.519.....Hymenolepiasis
C03.335.190.628.....Monieziasis
C03.335.190.902.....Taeniasis
C03.335.190.902.185.....Cysticercosis
C03.335.190.902.185.550.....Neurocysticercosis



## 2018 MeSH Tree Hierarchy

Tree location	
C03.335.349.....	Helminthiasis, Animal
C03.335.349.315.....	Dictyocaulus Infections
C03.335.349.320.....	Dirofilariasis
C03.335.349.444.....	Fascioloidiasis
C03.335.349.656.....	Monieziasis
C03.335.349.820.....	Setariasis
C03.335.349.840.....	Strongyle Infections, Equine
C03.335.349.868.....	Toxocariasis
C03.335.508.....	Nematode Infections
C03.335.508.100.....	Adenophorea Infections
C03.335.508.100.275.....	Enoplida Infections
C03.335.508.100.275.882.....	Trichinellosis
C03.335.508.100.275.895.....	Trichuriasis
C03.335.508.523.....	Larva Migrans
C03.335.508.523.780.....	Larva Migrans, Visceral
C03.335.508.700.....	Secernentea Infections
C03.335.508.700.100.....	Ascaridida Infections
C03.335.508.700.100.060.....	Anisakiasis
C03.335.508.700.100.070.....	Ascariasis
C03.335.508.700.100.080.....	Ascariidiasis
C03.335.508.700.100.850.....	Toxascariasis
C03.335.508.700.100.868.....	Toxocariasis
C03.335.508.700.100.868.420.....	Larva Migrans, Visceral
C03.335.508.700.550.....	Oxyurida Infections
C03.335.508.700.550.550.....	Oxyuriasis
C03.335.508.700.550.550.375.....	Enterobiasis
C03.335.508.700.700.....	Rhabditida Infections
C03.335.508.700.700.799.....	Strongyloidiasis
C03.335.508.700.750.....	Spirurida Infections
C03.335.508.700.750.299.....	Dracunculiasis
C03.335.508.700.750.361.....	Filariasis
C03.335.508.700.750.361.137.....	Acanthocheilonemiasis
C03.335.508.700.750.361.275.....	Dipetalonema Infections
C03.335.508.700.750.361.290.....	Dirofilariasis
C03.335.508.700.750.361.350.....	Elephantiasis, Filarial
C03.335.508.700.750.361.518.....	Loiasis
C03.335.508.700.750.361.588.....	Mansonelliasis
C03.335.508.700.750.361.699.....	Onchocerciasis
C03.335.508.700.750.361.699.500.....	Onchocerciasis, Ocular
C03.335.508.700.750.361.852.....	Setariasis
C03.335.508.700.750.380.....	Gnathostomiasis

## 2018 MeSH Tree Hierarchy

Tree location
C03.335.508.700.775.....Strongylida Infections
C03.335.508.700.775.455.....Hookworm Infections
C03.335.508.700.775.455.154.....Ancylostomiasis
C03.335.508.700.775.455.683.....Necatoriasis
C03.335.508.700.775.583.....Oesophagostomiasis
C03.335.508.700.775.773.....Strongyle Infections, Equine
C03.335.508.700.775.825.....Trichostrongyloidiasis
C03.335.508.700.775.825.315.....Dictyocaulus Infections
C03.335.508.700.775.825.400.....Haemonchiasis
C03.335.508.700.775.825.580.....Ostertagiasis
C03.335.508.700.775.825.842.....Trichostrongylosis
C03.335.865.....Trematode Infections
C03.335.865.148.....Clonorchiasis
C03.335.865.224.....Dicrocoeliasis
C03.335.865.282.....Echinostomiasis
C03.335.865.354.....Fascioliasis
C03.335.865.399.....Fascioloidiasis
C03.335.865.685.....Opisthorchiasis
C03.335.865.741.....Paragonimiasis
C03.335.865.859.....Schistosomiasis
C03.335.865.859.213.....Neuroschistosomiasis
C03.335.865.859.427.....Schistosomiasis haematobia
C03.335.865.859.521.....Schistosomiasis japonica
C03.335.865.859.576.....Schistosomiasis mansoni
C03.432.....Intestinal Diseases, Parasitic
C03.432.060.....Anisakiasis
C03.432.146.....Balantidiasis
C03.432.250.....Blastocystis Infections
C03.432.269.....Cryptosporidiosis
C03.432.275.....Dientamoebiasis
C03.432.396.....Dysentery, Amebic
C03.432.481.....Giardiasis
C03.518.....Liver Diseases, Parasitic
C03.518.314.....Echinococcosis, Hepatic
C03.518.424.....Fascioliasis
C03.518.600.....Liver Abscess, Amebic
C03.582.....Lung Diseases, Parasitic
C03.582.314.....Echinococcosis, Pulmonary
C03.600.....Mesomycetozoa Infections
C03.600.700.....Rhinosporidiosis
C03.684.....Opportunistic Infections

## 2018 MeSH Tree Hierarchy

Tree location	
C03.684.050.....	AIDS-Related Opportunistic Infections
C03.684.880.....	Superinfection
C03.695.....	Parasitemia
C03.701.....	Parasitic Diseases, Animal
C03.701.377.....	Helminthiasis, Animal
C03.701.377.315.....	Dictyocaulus Infections
C03.701.377.320.....	Dirofilariasis
C03.701.377.444.....	Fascioloidiasis
C03.701.377.656.....	Moniezia
C03.701.377.820.....	Setariasis
C03.701.377.840.....	Strongyle Infections, Equine
C03.701.377.868.....	Toxocariasis
C03.701.688.....	Protozoan Infections, Animal
C03.701.688.122.....	Babesiosis
C03.701.688.235.....	Cryptosporidiosis
C03.701.688.367.....	Dourine
C03.701.688.735.....	Theileriasis
C03.701.688.817.....	Toxoplasmosis, Animal
C03.701.688.896.....	Trypanosomiasis, Bovine
C03.718.....	Pregnancy Complications, Parasitic
C03.752.....	Protozoan Infections
C03.752.049.....	Amebiasis
C03.752.049.203.....	Acanthamoeba Keratitis
C03.752.049.250.....	Blastocystis Infections
C03.752.049.328.....	Dysentery, Amebic
C03.752.049.407.....	Entamoebiasis
C03.752.049.703.....	Liver Abscess, Amebic
C03.752.100.....	Central Nervous System Protozoal Infections
C03.752.200.....	Ciliophora Infections
C03.752.200.146.....	Balantidiasis
C03.752.250.....	Coccidiosis
C03.752.250.269.....	Cryptosporidiosis
C03.752.250.280.....	Cyclosporiasis
C03.752.250.410.....	Isosporiasis
C03.752.250.634.....	Sarcocystosis
C03.752.250.800.....	Toxoplasmosis
C03.752.250.800.110.....	Toxoplasmosis, Animal
C03.752.250.800.250.....	Toxoplasmosis, Cerebral
C03.752.250.800.445.....	Toxoplasmosis, Congenital
C03.752.250.800.640.....	Toxoplasmosis, Ocular
C03.752.275.....	Dientamoebiasis

## 2018 MeSH Tree Hierarchy

Tree location	
C03.752.300.....	Euglenozoa Infections
C03.752.300.500.....	Leishmaniasis
C03.752.300.500.400.....	Leishmaniasis, Cutaneous
C03.752.300.500.400.350.....	Leishmaniasis, Diffuse Cutaneous
C03.752.300.500.400.385.....	Leishmaniasis, Mucocutaneous
C03.752.300.500.510.....	Leishmaniasis, Visceral
C03.752.300.900.....	Trypanosomiasis
C03.752.300.900.200.....	Chagas Disease
C03.752.300.900.200.190.....	Chagas Cardiomyopathy
C03.752.300.900.226.....	Dourine
C03.752.300.900.719.....	Trypanosomiasis, African
C03.752.300.900.802.....	Trypanosomiasis, Bovine
C03.752.400.....	Giardiasis
C03.752.530.....	Malaria
C03.752.530.606.....	Malaria, Avian
C03.752.530.620.....	Malaria, Cerebral
C03.752.530.650.....	Malaria, Falciparum
C03.752.530.650.228.....	Blackwater Fever
C03.752.530.700.....	Malaria, Vivax
C03.752.625.....	Protozoan Infections, Animal
C03.752.625.122.....	Babesiosis
C03.752.625.235.....	Cryptosporidiosis
C03.752.625.367.....	Dourine
C03.752.625.735.....	Theileriasis
C03.752.625.817.....	Toxoplasmosis, Animal
C03.752.625.896.....	Trypanosomiasis, Bovine
C03.752.875.....	Tick-Borne Diseases
C03.752.875.175.....	Babesiosis
C03.752.875.850.....	Theileriasis
C03.752.890.....	Trichomonas Infections
C03.752.890.633.....	Trichomonas Vaginitis
C03.858.....	Skin Diseases, Parasitic
C03.858.211.....	Ectoparasitic Infestations
C03.858.211.250.....	Flea Infestations
C03.858.211.250.800.....	Tungiasis
C03.858.211.465.....	Lice Infestations
C03.858.211.480.....	Mite Infestations
C03.858.211.480.708.....	Scabies
C03.858.211.480.869.....	Trombiculiasis
C03.858.211.503.....	Myiasis
C03.858.211.503.398.....	Hypodermiomyiasis

## 2018 MeSH Tree Hierarchy

Tree location
C03.858.211.503.744.....Screw Worm Infection
C03.858.211.857.....Tick Infestations
C03.858.424.....Larva Migrans
C03.858.560.....Leishmaniasis
C03.858.560.400.....Leishmaniasis, Cutaneous
C03.858.560.400.350.....Leishmaniasis, Diffuse Cutaneous
C03.858.560.400.385.....Leishmaniasis, Mucocutaneous
C03.858.650.....Onchocerciasis
C03.908.....Zoonoses
C03.908.650.....Pythiosis
C04.....Neoplasms
C04.182.....Cysts
C04.182.044.....Arachnoid Cysts
C04.182.089.....Bone Cysts
C04.182.089.265.....Bone Cysts, Aneurysmal
C04.182.089.530.....Jaw Cysts
C04.182.089.530.660.....Nonodontogenic Cysts
C04.182.089.530.690.....Odontogenic Cysts
C04.182.089.530.690.150.....Basal Cell Nevus Syndrome
C04.182.089.530.690.310.....Dentigerous Cyst
C04.182.089.530.690.605.....Odontogenic Cyst, Calcifying
C04.182.089.530.690.790.....Periodontal Cyst
C04.182.089.530.690.790.820.....Radicular Cyst
C04.182.117.....Branchioma
C04.182.156.....Breast Cyst
C04.182.195.....Bronchogenic Cyst
C04.182.197.....Chalazion
C04.182.198.....Choledochal Cyst
C04.182.199.....Colloid Cysts
C04.182.201.....Dermoid Cyst
C04.182.254.....Epidermal Cyst
C04.182.281.....Esophageal Cyst
C04.182.300.....Follicular Cyst
C04.182.347.....Ganglion Cysts
C04.182.430.....Lymphocele
C04.182.444.....Mediastinal Cyst
C04.182.473.....Mesenteric Cyst
C04.182.511.....Mucocele
C04.182.612.....Ovarian Cysts
C04.182.612.765.....Polycystic Ovary Syndrome
C04.182.640.....Pancreatic Cyst

## 2018 MeSH Tree Hierarchy

Tree location
C04.182.640.692.....Pancreatic Pseudocyst
C04.182.668.....Parovarian Cyst
C04.182.710.....Pilonidal Sinus
C04.182.766.....Ranula
C04.182.867.....Synovial Cyst
C04.182.867.500.....Popliteal Cyst
C04.182.872.....Tarlov Cysts
C04.182.902.....Thyroglossal Cyst
C04.182.946.....Urachal Cyst
C04.445.....Hamartoma
C04.445.435.....Hamartoma Syndrome, Multiple
C04.445.435.500.....Proteus Syndrome
C04.445.622.....Pallister-Hall Syndrome
C04.445.810.....Tuberous Sclerosis
C04.557.....Neoplasms by Histologic Type
C04.557.227.....Histiocytic Disorders, Malignant
C04.557.227.190.....Dendritic Cell Sarcoma, Follicular
C04.557.227.199.....Dendritic Cell Sarcoma, Interdigitating
C04.557.227.380.....Histiocytic Sarcoma
C04.557.227.500.....Langerhans Cell Sarcoma
C04.557.337.....Leukemia
C04.557.337.100.....Enzootic Bovine Leukosis
C04.557.337.372.....Leukemia, Experimental
C04.557.337.372.216.....Avian Leukosis
C04.557.337.372.594.....Leukemia L1210
C04.557.337.372.602.....Leukemia L5178
C04.557.337.372.782.....Leukemia P388
C04.557.337.385.....Leukemia, Feline
C04.557.337.415.....Leukemia, Hairy Cell
C04.557.337.428.....Leukemia, Lymphoid
C04.557.337.428.080.....Leukemia, B-Cell
C04.557.337.428.080.125.....Leukemia, Lymphocytic, Chronic, B-Cell
C04.557.337.428.080.562.....Leukemia, Polymphocytic, B-Cell
C04.557.337.428.100.....Leukemia, Biphenotypic, Acute
C04.557.337.428.565.....Leukemia, Polymphocytic
C04.557.337.428.565.745.....Leukemia, Polymphocytic, B-Cell
C04.557.337.428.565.750.....Leukemia, Polymphocytic, T-Cell
C04.557.337.428.580.....Leukemia, T-Cell
C04.557.337.428.580.049.....Leukemia, Large Granular Lymphocytic
C04.557.337.428.580.100.....Leukemia-Lymphoma, Adult T-Cell
C04.557.337.428.580.125.....Leukemia, Polymphocytic, T-Cell

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.337.428.600.....Precursor Cell Lymphoblastic Leukemia-Lymphoma
C04.557.337.428.600.600.....Precursor B-Cell Lymphoblastic Leukemia-Lymphoma
C04.557.337.428.600.620.....Precursor T-Cell Lymphoblastic Leukemia-Lymphoma
C04.557.337.440.....Leukemia, Mast-Cell
C04.557.337.539.....Leukemia, Myeloid
C04.557.337.539.250.....Leukemia, Myelogenous, Chronic, BCR-ABL Positive
C04.557.337.539.250.100.....Blast Crisis
C04.557.337.539.250.300.....Leukemia, Myeloid, Accelerated Phase
C04.557.337.539.250.400.....Leukemia, Myeloid, Chronic-Phase
C04.557.337.539.275.....Leukemia, Myeloid, Acute
C04.557.337.539.275.125.....Leukemia, Basophilic, Acute
C04.557.337.539.275.300.....Leukemia, Eosinophilic, Acute
C04.557.337.539.275.325.....Leukemia, Erythroblastic, Acute
C04.557.337.539.275.440.....Leukemia, Mast-Cell
C04.557.337.539.275.450.....Leukemia, Megakaryoblastic, Acute
C04.557.337.539.275.484.....Leukemia, Monocytic, Acute
C04.557.337.539.275.700.....Leukemia, Promyelocytic, Acute
C04.557.337.539.300.....Leukemia, Myeloid, Chronic, Atypical, BCR-ABL Negative
C04.557.337.539.520.....Leukemia, Myelomonocytic, Acute
C04.557.337.539.522.....Leukemia, Myelomonocytic, Chronic
C04.557.337.539.525.....Leukemia, Myelomonocytic, Juvenile
C04.557.337.539.775.....Sarcoma, Myeloid
C04.557.337.595.....Leukemia, Plasma Cell
C04.557.337.650.....Leukemia, Radiation-Induced
C04.557.375.....Lymphatic Vessel Tumors
C04.557.375.450.....Lymphangioma
C04.557.375.450.450.....Lymphangioma, Cystic
C04.557.375.460.....Lymphangiomyoma
C04.557.375.460.465.....Lymphangi leiomyomatosis
C04.557.375.480.....Lymphangiosarcoma
C04.557.386.....Lymphoma
C04.557.386.150.....Composite Lymphoma
C04.557.386.355.....Hodgkin Disease
C04.557.386.390.....Immunoproliferative Small Intestinal Disease
C04.557.386.435.....Intraocular Lymphoma
C04.557.386.480.....Lymphoma, Non-Hodgkin
C04.557.386.480.150.....Lymphoma, B-Cell
C04.557.386.480.150.165.....Burkitt Lymphoma
C04.557.386.480.150.450.....Lymphoma, AIDS-Related
C04.557.386.480.150.570.....Lymphoma, B-Cell, Marginal Zone
C04.557.386.480.150.585.....Lymphoma, Large B-Cell, Diffuse

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.386.480.150.585.500.....Plasmablastic Lymphoma
C04.557.386.480.150.592.....Lymphoma, Primary Effusion
C04.557.386.480.150.600.....Lymphomatoid Granulomatosis
C04.557.386.480.350.....Lymphoma, Follicular
C04.557.386.480.493.....Lymphoma, Large-Cell, Immunoblastic
C04.557.386.480.525.....Lymphoma, Mantle-Cell
C04.557.386.480.750.....Lymphoma, T-Cell
C04.557.386.480.750.099.....Enteropathy-Associated T-Cell Lymphoma
C04.557.386.480.750.199.....Lymphoma, Extranodal NK-T-Cell
C04.557.386.480.750.399.....Lymphoma, Large-Cell, Anaplastic
C04.557.386.480.750.800.....Lymphoma, T-Cell, Cutaneous
C04.557.386.480.750.800.507.....Lymphoma, Primary Cutaneous Anaplastic Large Cell
C04.557.386.480.750.800.528.....Lymphomatoid Papulosis
C04.557.386.480.750.800.550.....Mycosis Fungoides
C04.557.386.480.750.800.550.600.....Pagetoid Reticulosis
C04.557.386.480.750.800.775.....Sezary Syndrome
C04.557.386.480.750.825.....Lymphoma, T-Cell, Peripheral
C04.557.435.....Neoplasms, Complex and Mixed
C04.557.435.075.....Adenolymphoma
C04.557.435.090.....Adenoma, Pleomorphic
C04.557.435.108.....Adenomyoepithelioma
C04.557.435.110.....Adenomyoma
C04.557.435.135.....Adenosarcoma
C04.557.435.250.....Carcinoma, Adenosquamous
C04.557.435.290.....Carcinosarcoma
C04.557.435.290.210.....Carcinoma 256, Walker
C04.557.435.295.....Composite Lymphoma
C04.557.435.380.....Hepatoblastoma
C04.557.435.500.....Mesenchymoma
C04.557.435.525.....Mixed Tumor, Malignant
C04.557.435.530.....Mixed Tumor, Mesodermal
C04.557.435.540.....Mixed Tumor, Mullerian
C04.557.435.585.....Myoepithelioma
C04.557.435.595.....Wilms Tumor
C04.557.435.595.220.....Denys-Drash Syndrome
C04.557.435.595.950.....WAGR Syndrome
C04.557.435.600.....Nephroma, Mesoblastic
C04.557.435.675.....Pulmonary Blastoma
C04.557.435.710.....Rhabdoid Tumor
C04.557.435.775.....Sarcoma, Endometrial Stromal
C04.557.435.850.....Thymoma



## 2018 MeSH Tree Hierarchy

Tree location
C04.557.450.....Neoplasms, Connective and Soft Tissue
C04.557.450.550.....Neoplasms, Adipose Tissue
C04.557.450.550.100.....Angiolipoma
C04.557.450.550.125.....Angiomyolipoma
C04.557.450.550.400.....Lipoma
C04.557.450.550.400.500.....Lipoblastoma
C04.557.450.550.420.....Liposarcoma
C04.557.450.550.420.425.....Liposarcoma, Myxoid
C04.557.450.550.710.....Myelolipoma
C04.557.450.565.....Neoplasms, Connective Tissue
C04.557.450.565.250.....Chondroblastoma
C04.557.450.565.265.....Chondroma
C04.557.450.565.265.270.....Chondromatosis
C04.557.450.565.280.....Chondrosarcoma
C04.557.450.565.280.280.....Chondrosarcoma, Mesenchymal
C04.557.450.565.325.....Endometrial Stromal Tumors
C04.557.450.565.370.....Gastrointestinal Stromal Tumors
C04.557.450.565.380.....Giant Cell Tumors
C04.557.450.565.380.380.....Giant Cell Tumor of Bone
C04.557.450.565.380.690.....Giant Cell Tumor of Tendon Sheath
C04.557.450.565.380.690.500.....Synovitis, Pigmented Villonodular
C04.557.450.565.465.....Mastocytosis
C04.557.450.565.465.124.....Mast-Cell Sarcoma
C04.557.450.565.465.249.....Mastocytoma
C04.557.450.565.465.249.500.....Mastocytoma, Skin
C04.557.450.565.465.500.....Mastocytosis, Cutaneous
C04.557.450.565.465.500.500.....Mastocytoma, Skin
C04.557.450.565.465.500.850.....Urticaria Pigmentosa
C04.557.450.565.465.750.....Mastocytosis, Systemic
C04.557.450.565.465.750.500.....Leukemia, Mast-Cell
C04.557.450.565.540.....Myofibroma
C04.557.450.565.550.....Myxoma
C04.557.450.565.550.312.....Carney Complex
C04.557.450.565.550.625.....Neurothekeoma
C04.557.450.565.560.....Myxosarcoma
C04.557.450.565.575.....Neoplasms, Bone Tissue
C04.557.450.565.575.400.....Fibroma, Ossifying
C04.557.450.565.575.420.....Giant Cell Tumor of Bone
C04.557.450.565.575.600.....Osteoblastoma
C04.557.450.565.575.610.....Osteochondroma
C04.557.450.565.575.610.615.....Osteochondromatosis

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.450.565.575.610.615.325.....Exostoses, Multiple Hereditary
C04.557.450.565.575.625.....Osteoma
C04.557.450.565.575.625.625.....Osteoma, Osteoid
C04.557.450.565.575.650.....Osteosarcoma
C04.557.450.565.575.650.655.....Osteosarcoma, Juxtacortical
C04.557.450.565.575.650.800.....Sarcoma, Ewing
C04.557.450.565.590.....Neoplasms, Fibrous Tissue
C04.557.450.565.590.340.....Fibroma
C04.557.450.565.590.340.173.....Dupuytren Contracture
C04.557.450.565.590.340.345.....Fibroma, Desmoplastic
C04.557.450.565.590.340.360.....Fibroma, Ossifying
C04.557.450.565.590.340.400.....Fibromatosis, Abdominal
C04.557.450.565.590.340.410.....Fibromatosis, Aggressive
C04.557.450.565.590.340.705.....Fibromatosis, Plantar
C04.557.450.565.590.350.....Fibrosarcoma
C04.557.450.565.590.350.320.....Dermatofibrosarcoma
C04.557.450.565.590.350.590.....Neurofibrosarcoma
C04.557.450.565.590.425.....Histiocytoma
C04.557.450.565.590.425.350.....Histiocytoma, Benign Fibrous
C04.557.450.565.590.425.360.....Histiocytoma, Malignant Fibrous
C04.557.450.565.590.550.....Myofibromatosis
C04.557.450.565.590.595.....Neoplasms, Fibroepithelial
C04.557.450.565.590.595.050.....Adenofibroma
C04.557.450.565.590.595.050.500.....Cystadenofibroma
C04.557.450.565.590.595.150.....Brenner Tumor
C04.557.450.565.590.595.350.....Fibroadenoma
C04.557.450.565.590.797.....Solitary Fibrous Tumors
C04.557.450.565.590.797.750.....Solitary Fibrous Tumor, Pleural
C04.557.450.565.800.....Sarcoma, Clear Cell
C04.557.450.565.825.....Sarcoma, Small Cell
C04.557.450.565.835.....Sarcoma, Synovial
C04.557.450.590.....Neoplasms, Muscle Tissue
C04.557.450.590.350.....Granular Cell Tumor
C04.557.450.590.450.....Leiomyoma
C04.557.450.590.450.125.....Angiomyoma
C04.557.450.590.450.455.....Leiomyoma, Epithelioid
C04.557.450.590.450.465.....Leiomyomatosis
C04.557.450.590.455.....Leiomyosarcoma
C04.557.450.590.540.....Myoma
C04.557.450.590.540.700.....Rhabdomyoma
C04.557.450.590.550.....Myosarcoma

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.450.590.550.660.....Rhabdomyosarcoma
C04.557.450.590.550.660.665.....Rhabdomyosarcoma, Alveolar
C04.557.450.590.550.660.675.....Rhabdomyosarcoma, Embryonal
C04.557.450.590.775.....Sarcoma, Alveolar Soft Part
C04.557.450.590.800.....Smooth Muscle Tumor
C04.557.450.692.....Perivascular Epithelioid Cell Neoplasms
C04.557.450.692.249.....Angiomyolipoma
C04.557.450.692.500.....Lymphangioliomyomatosis
C04.557.450.795.....Sarcoma
C04.557.450.795.135.....Adenosarcoma
C04.557.450.795.290.....Carcinosarcoma
C04.557.450.795.290.210.....Carcinoma 256, Walker
C04.557.450.795.300.....Chondrosarcoma
C04.557.450.795.300.280.....Chondrosarcoma, Mesenchymal
C04.557.450.795.315.....Desmoplastic Small Round Cell Tumor
C04.557.450.795.332.....Endometrial Stromal Tumors
C04.557.450.795.332.500.....Sarcoma, Endometrial Stromal
C04.557.450.795.350.....Fibrosarcoma
C04.557.450.795.350.320.....Dermatofibrosarcoma
C04.557.450.795.350.590.....Neurofibrosarcoma
C04.557.450.795.390.....Hemangiosarcoma
C04.557.450.795.400.....Histiocytoma, Malignant Fibrous
C04.557.450.795.455.....Leiomyosarcoma
C04.557.450.795.465.....Liposarcoma
C04.557.450.795.465.425.....Liposarcoma, Myxoid
C04.557.450.795.480.....Lymphangiosarcoma
C04.557.450.795.530.....Mixed Tumor, Mesodermal
C04.557.450.795.550.....Myosarcoma
C04.557.450.795.550.660.....Rhabdomyosarcoma
C04.557.450.795.550.660.665.....Rhabdomyosarcoma, Alveolar
C04.557.450.795.550.660.675.....Rhabdomyosarcoma, Embryonal
C04.557.450.795.560.....Myxosarcoma
C04.557.450.795.620.....Osteosarcoma
C04.557.450.795.620.655.....Osteosarcoma, Juxtacortical
C04.557.450.795.620.800.....Sarcoma, Ewing
C04.557.450.795.650.....Phyllodes Tumor
C04.557.450.795.775.....Sarcoma, Alveolar Soft Part
C04.557.450.795.800.....Sarcoma, Clear Cell
C04.557.450.795.830.....Sarcoma, Experimental
C04.557.450.795.830.760.....Sarcoma 37
C04.557.450.795.830.780.....Sarcoma 180

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.450.795.830.800.....Sarcoma, Avian
C04.557.450.795.830.850.....Sarcoma, Yoshida
C04.557.450.795.850.....Sarcoma, Kaposi
C04.557.450.795.853.....Sarcoma, Myeloid
C04.557.450.795.870.....Sarcoma, Small Cell
C04.557.450.795.875.....Sarcoma, Synovial
C04.557.465.....Neoplasms, Germ Cell and Embryonal
C04.557.465.200.....Carcinoma, Embryonal
C04.557.465.220.....Chordoma
C04.557.465.330.....Germinoma
C04.557.465.330.300.....Dysgerminoma
C04.557.465.330.800.....Seminoma
C04.557.465.420.....Gonadoblastoma
C04.557.465.510.....Mesonephroma
C04.557.465.510.350.....Endodermal Sinus Tumor
C04.557.465.625.....Neuroectodermal Tumors
C04.557.465.625.200.....Craniopharyngioma
C04.557.465.625.600.....Neoplasms, Neuroepithelial
C04.557.465.625.600.355.....Ganglioneuroma
C04.557.465.625.600.380.....Glioma
C04.557.465.625.600.380.080.....Astrocytoma
C04.557.465.625.600.380.080.335.....Glioblastoma
C04.557.465.625.600.380.290.....Ependymoma
C04.557.465.625.600.380.290.390.....Glioma, Subependymal
C04.557.465.625.600.380.350.....Ganglioglioma
C04.557.465.625.600.380.400.....Gliosarcoma
C04.557.465.625.600.380.515.....Medulloblastoma
C04.557.465.625.600.380.590.....Oligodendroglioma
C04.557.465.625.600.380.795.....Optic Nerve Glioma
C04.557.465.625.600.580.....Neurocytoma
C04.557.465.625.600.590.....Neuroectodermal Tumors, Primitive
C04.557.465.625.600.590.500.....Medulloblastoma
C04.557.465.625.600.590.650.....Neuroectodermal Tumors, Primitive, Peripheral
C04.557.465.625.600.590.650.550.....Neuroblastoma
C04.557.465.625.600.590.650.550.150.....Esthesioneuroblastoma, Olfactory
C04.557.465.625.600.590.650.550.300.....Ganglioneuroblastoma
C04.557.465.625.600.657.....Pinealoma
C04.557.465.625.600.725.....Retinoblastoma
C04.557.465.625.630.....Neuroectodermal Tumor, Melanotic
C04.557.465.625.650.....Neuroendocrine Tumors
C04.557.465.625.650.025.....Adenoma, Acidophil

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.465.625.650.075.....Adenoma, Basophil
C04.557.465.625.650.095.....Adenoma, Chromophobe
C04.557.465.625.650.135.....Apudoma
C04.557.465.625.650.200.....Carcinoid Tumor
C04.557.465.625.650.200.500.....Malignant Carcinoid Syndrome
C04.557.465.625.650.200.500.205.....Carcinoid Heart Disease
C04.557.465.625.650.240.....Carcinoma, Neuroendocrine
C04.557.465.625.650.240.315.....Carcinoma, Medullary
C04.557.465.625.650.240.325.....Carcinoma, Merkel Cell
C04.557.465.625.650.240.695.....Somatostatinoma
C04.557.465.625.650.240.847.....Vipoma
C04.557.465.625.650.510.....Melanoma
C04.557.465.625.650.510.385.....Hutchinson's Melanotic Freckle
C04.557.465.625.650.510.515.....Melanoma, Amelanotic
C04.557.465.625.650.510.525.....Melanoma, Experimental
C04.557.465.625.650.595.....Neurilemmoma
C04.557.465.625.650.595.610.....Neuroma, Acoustic
C04.557.465.625.650.595.610.500.....Neurofibromatosis 2
C04.557.465.625.650.700.....Paraganglioma
C04.557.465.625.650.700.705.....Paraganglioma, Extra-Adrenal
C04.557.465.625.650.700.705.220.....Carotid Body Tumor
C04.557.465.625.650.700.705.340.....Glomus Jugulare Tumor
C04.557.465.625.650.700.705.360.....Glomus Tympanicum Tumor
C04.557.465.625.650.700.725.....Pheochromocytoma
C04.557.465.900.....Teratocarcinoma
C04.557.465.910.....Teratoma
C04.557.465.910.250.....Dermoid Cyst
C04.557.465.910.850.....Struma Ovarii
C04.557.465.955.....Trophoblastic Neoplasms
C04.557.465.955.207.....Choriocarcinoma
C04.557.465.955.207.438.....Choriocarcinoma, Non-gestational
C04.557.465.955.207.875.....Trophoblastic Tumor, Placental Site
C04.557.465.955.416.....Gestational Trophoblastic Disease
C04.557.465.955.416.812.....Hydatidiform Mole
C04.557.465.955.416.812.500.....Hydatidiform Mole, Invasive
C04.557.470.....Neoplasms, Glandular and Epithelial
C04.557.470.035.....Adenoma
C04.557.470.035.012.....ACTH-Secreting Pituitary Adenoma
C04.557.470.035.025.....Adenoma, Acidophil
C04.557.470.035.075.....Adenoma, Basophil
C04.557.470.035.085.....Adenoma, Bile Duct

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.470.035.095.....Adenoma, Chromophobe
C04.557.470.035.100.....Adenoma, Islet Cell
C04.557.470.035.100.852.....Insulinoma
C04.557.470.035.120.....Adenoma, Liver Cell
C04.557.470.035.140.....Adenoma, Oxyphilic
C04.557.470.035.155.....Adenoma, Pleomorphic
C04.557.470.035.175.....Adenoma, Sweat Gland
C04.557.470.035.175.125.....Acrospiroma
C04.557.470.035.175.375.....Hidrocystoma
C04.557.470.035.175.588.....Poroma
C04.557.470.035.175.800.....Syringoma
C04.557.470.035.175.900.....Tubular Sweat Gland Adenomas
C04.557.470.035.185.....Adenoma, Villous
C04.557.470.035.200.....Adenomatoid Tumor
C04.557.470.035.210.....Adenomatosis, Pulmonary
C04.557.470.035.215.....Adenomatous Polyps
C04.557.470.035.215.100.....Adenomatous Polyposis Coli
C04.557.470.035.215.100.500.....Gardner Syndrome
C04.557.470.035.232.....Adrenal Rest Tumor
C04.557.470.035.250.....Apudoma
C04.557.470.035.320.....Cystadenoma
C04.557.470.035.320.225.....Cystadenoma, Mucinous
C04.557.470.035.320.230.....Cystadenoma, Papillary
C04.557.470.035.320.240.....Cystadenoma, Serous
C04.557.470.035.415.....Growth Hormone-Secreting Pituitary Adenoma
C04.557.470.035.510.....Mesothelioma
C04.557.470.035.510.515.....Mesothelioma, Cystic
C04.557.470.035.625.....Prolactinoma
C04.557.470.200.....Carcinoma
C04.557.470.200.025.....Adenocarcinoma
C04.557.470.200.025.014.....Adenocarcinoma in Situ
C04.557.470.200.025.030.....Adenocarcinoma, Bronchiolo-Alveolar
C04.557.470.200.025.045.....Adenocarcinoma, Clear Cell
C04.557.470.200.025.060.....Adenocarcinoma, Follicular
C04.557.470.200.025.060.225.....Carcinoma, Papillary, Follicular
C04.557.470.200.025.075.....Adenocarcinoma, Mucinous
C04.557.470.200.025.085.....Adenocarcinoma, Papillary
C04.557.470.200.025.085.225.....Carcinoma, Papillary, Follicular
C04.557.470.200.025.095.....Adenocarcinoma, Scirrhus
C04.557.470.200.025.095.410.....Linitis Plastica
C04.557.470.200.025.105.....Adenocarcinoma, Sebaceous

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.470.200.025.152.....Adrenocortical Carcinoma
C04.557.470.200.025.200.....Carcinoid Tumor
C04.557.470.200.025.200.500.....Malignant Carcinoid Syndrome
C04.557.470.200.025.200.500.205.....Carcinoid Heart Disease
C04.557.470.200.025.215.....Carcinoma, Acinar Cell
C04.557.470.200.025.220.....Carcinoma, Adenoid Cystic
C04.557.470.200.025.232.....Carcinoma, Ductal
C04.557.470.200.025.232.500.....Carcinoma, Ductal, Breast
C04.557.470.200.025.232.750.....Carcinoma, Pancreatic Ductal
C04.557.470.200.025.240.....Carcinoma, Endometrioid
C04.557.470.200.025.255.....Carcinoma, Hepatocellular
C04.557.470.200.025.275.....Carcinoma, Intraductal, Noninfiltrating
C04.557.470.200.025.290.....Carcinoma, Islet Cell
C04.557.470.200.025.290.500.....Gastrinoma
C04.557.470.200.025.290.750.....Glucagonoma
C04.557.470.200.025.305.....Carcinoma, Lobular
C04.557.470.200.025.340.....Carcinoma, Mucoepidermoid
C04.557.470.200.025.370.....Carcinoma, Neuroendocrine
C04.557.470.200.025.370.315.....Carcinoma, Medullary
C04.557.470.200.025.370.325.....Carcinoma, Merkel Cell
C04.557.470.200.025.370.695.....Somatostatinoma
C04.557.470.200.025.370.847.....Vipoma
C04.557.470.200.025.390.....Carcinoma, Renal Cell
C04.557.470.200.025.415.....Carcinoma, Signet Ring Cell
C04.557.470.200.025.415.410.....Krukenberg Tumor
C04.557.470.200.025.420.....Carcinoma, Skin Appendage
C04.557.470.200.025.450.....Cholangiocarcinoma
C04.557.470.200.025.450.500.....Klatskin Tumor
C04.557.470.200.025.455.....Choriocarcinoma
C04.557.470.200.025.455.750.....Choriocarcinoma, Non-gestational
C04.557.470.200.025.455.875.....Trophoblastic Tumor, Placental Site
C04.557.470.200.025.480.....Cystadenocarcinoma
C04.557.470.200.025.480.225.....Cystadenocarcinoma, Mucinous
C04.557.470.200.025.480.230.....Cystadenocarcinoma, Papillary
C04.557.470.200.025.480.240.....Cystadenocarcinoma, Serous
C04.557.470.200.025.500.....Eccrine Porocarcinoma
C04.557.470.200.025.660.....Paget Disease, Extramammary
C04.557.470.200.025.715.....Pulmonary Adenomatosis, Ovine
C04.557.470.200.150.....Carcinoma, Adenosquamous
C04.557.470.200.165.....Carcinoma, Basal Cell
C04.557.470.200.165.150.....Basal Cell Nevus Syndrome

## 2018 MeSH Tree Hierarchy

Tree location	
C04.557.470.200.170.....	Carcinoma, Basosquamous
C04.557.470.200.200.....	Carcinoma, Ehrlich Tumor
C04.557.470.200.220.....	Carcinoma, Giant Cell
C04.557.470.200.240.....	Carcinoma in Situ
C04.557.470.200.240.124.....	Adenocarcinoma in Situ
C04.557.470.200.240.187.....	Breast Carcinoma In Situ
C04.557.470.200.240.187.250.....	Carcinoma, Intraductal, Noninfiltrating
C04.557.470.200.240.187.500.....	Paget's Disease, Mammary
C04.557.470.200.240.250.....	Cervical Intraepithelial Neoplasia
C04.557.470.200.240.500.....	Prostatic Intraepithelial Neoplasia
C04.557.470.200.255.....	Carcinoma, Krebs 2
C04.557.470.200.260.....	Carcinoma, Large Cell
C04.557.470.200.280.....	Carcinoma, Lewis Lung
C04.557.470.200.360.....	Carcinoma, Papillary
C04.557.470.200.380.....	Carcinoma, Small Cell
C04.557.470.200.400.....	Carcinoma, Squamous Cell
C04.557.470.200.400.130.....	Bowen's Disease
C04.557.470.200.430.....	Carcinoma, Transitional Cell
C04.557.470.200.450.....	Carcinoma, Verrucous
C04.557.470.200.450.500.....	Buschke-Lowenstein Tumor
C04.557.470.200.588.....	Mammary Analogue Secretory Carcinoma
C04.557.470.200.725.....	Thyroid Carcinoma, Anaplastic
C04.557.470.550.....	Neoplasms, Adnexal and Skin Appendage
C04.557.470.550.105.....	Adenocarcinoma, Sebaceous
C04.557.470.550.175.....	Adenoma, Sweat Gland
C04.557.470.550.175.125.....	Acrospiroma
C04.557.470.550.175.375.....	Hidrocystoma
C04.557.470.550.175.588.....	Poroma
C04.557.470.550.175.800.....	Syringoma
C04.557.470.550.175.900.....	Tubular Sweat Gland Adenomas
C04.557.470.550.420.....	Carcinoma, Skin Appendage
C04.557.470.565.....	Neoplasms, Basal Cell
C04.557.470.565.165.....	Carcinoma, Basal Cell
C04.557.470.565.165.150.....	Basal Cell Nevus Syndrome
C04.557.470.565.170.....	Carcinoma, Basosquamous
C04.557.470.565.625.....	Pilomatrixoma
C04.557.470.590.....	Neoplasms, Cystic, Mucinous, and Serous
C04.557.470.590.075.....	Adenocarcinoma, Mucinous
C04.557.470.590.340.....	Carcinoma, Mucoepidermoid
C04.557.470.590.415.....	Carcinoma, Signet Ring Cell
C04.557.470.590.415.410.....	Krukenberg Tumor



## 2018 MeSH Tree Hierarchy

Tree location
C04.557.470.590.480.....Cystadenocarcinoma
C04.557.470.590.480.225.....Cystadenocarcinoma, Mucinous
C04.557.470.590.480.230.....Cystadenocarcinoma, Papillary
C04.557.470.590.480.240.....Cystadenocarcinoma, Serous
C04.557.470.590.482.....Cystadenofibroma
C04.557.470.590.485.....Cystadenoma
C04.557.470.590.485.225.....Cystadenoma, Mucinous
C04.557.470.590.485.230.....Cystadenoma, Papillary
C04.557.470.590.485.240.....Cystadenoma, Serous
C04.557.470.590.580.....Mucoepidermoid Tumor
C04.557.470.590.782.....Pseudomyxoma Peritonei
C04.557.470.615.....Neoplasms, Ductal, Lobular, and Medullary
C04.557.470.615.132.....Carcinoma, Ductal
C04.557.470.615.132.500.....Carcinoma, Ductal, Breast
C04.557.470.615.132.750.....Carcinoma, Pancreatic Ductal
C04.557.470.615.275.....Carcinoma, Intraductal, Noninfiltrating
C04.557.470.615.275.625.....Paget's Disease, Mammary
C04.557.470.615.305.....Carcinoma, Lobular
C04.557.470.615.315.....Carcinoma, Medullary
C04.557.470.615.660.....Paget Disease, Extramammary
C04.557.470.615.670.....Papilloma, Intraductal
C04.557.470.625.....Neoplasms, Fibroepithelial
C04.557.470.625.050.....Adenofibroma
C04.557.470.625.050.500.....Cystadenofibroma
C04.557.470.625.150.....Brenner Tumor
C04.557.470.625.350.....Fibroadenoma
C04.557.470.660.....Neoplasms, Mesothelial
C04.557.470.660.200.....Adenomatoid Tumor
C04.557.470.660.510.....Mesothelioma
C04.557.470.660.510.515.....Mesothelioma, Cystic
C04.557.470.670.....Neoplasms, Neuroepithelial
C04.557.470.670.355.....Ganglioneuroma
C04.557.470.670.380.....Glioma
C04.557.470.670.380.080.....Astrocytoma
C04.557.470.670.380.080.335.....Glioblastoma
C04.557.470.670.380.290.....Ependymoma
C04.557.470.670.380.290.390.....Glioma, Subependymal
C04.557.470.670.380.350.....Ganglioglioma
C04.557.470.670.380.400.....Gliosarcoma
C04.557.470.670.380.515.....Medulloblastoma
C04.557.470.670.380.590.....Oligodendroglioma

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.470.670.380.795.....Optic Nerve Glioma
C04.557.470.670.580.....Neurocytoma
C04.557.470.670.590.....Neuroectodermal Tumors, Primitive
C04.557.470.670.590.500.....Medulloblastoma
C04.557.470.670.590.650.....Neuroectodermal Tumors, Primitive, Peripheral
C04.557.470.670.590.650.550.....Neuroblastoma
C04.557.470.670.590.650.550.150.....Esthesioneuroblastoma, Olfactory
C04.557.470.670.590.650.550.300.....Ganglioneuroblastoma
C04.557.470.670.657.....Pinealoma
C04.557.470.670.725.....Retinoblastoma
C04.557.470.700.....Neoplasms, Squamous Cell
C04.557.470.700.040.....Acanthoma
C04.557.470.700.360.....Carcinoma, Papillary
C04.557.470.700.400.....Carcinoma, Squamous Cell
C04.557.470.700.400.130.....Bowen's Disease
C04.557.470.700.450.....Carcinoma, Verrucous
C04.557.470.700.450.500.....Buschke-Lowenstein Tumor
C04.557.470.700.600.....Papilloma
C04.557.470.700.600.610.....Papilloma, Inverted
C04.557.475.....Neoplasms, Gonadal Tissue
C04.557.475.395.....Gonadoblastoma
C04.557.475.750.....Sex Cord-Gonadal Stromal Tumors
C04.557.475.750.656.....Granulosa Cell Tumor
C04.557.475.750.751.....Luteoma
C04.557.475.750.847.....Sertoli-Leydig Cell Tumor
C04.557.475.750.847.249.....Leydig Cell Tumor
C04.557.475.750.847.500.....Sertoli Cell Tumor
C04.557.475.750.875.....Thecoma
C04.557.580.....Neoplasms, Nerve Tissue
C04.557.580.520.....Meningioma
C04.557.580.600.....Nerve Sheath Neoplasms
C04.557.580.600.580.....Neurofibroma
C04.557.580.600.580.585.....Neurofibroma, Plexiform
C04.557.580.600.580.590.....Neurofibromatoses
C04.557.580.600.580.590.650.....Neurofibromatosis 1
C04.557.580.600.580.590.655.....Neurofibromatosis 2
C04.557.580.600.580.795.....Neurofibrosarcoma
C04.557.580.600.610.....Neuroma
C04.557.580.600.610.595.....Neurilemmoma
C04.557.580.600.610.595.610.....Neuroma, Acoustic
C04.557.580.600.610.595.610.500.....Neurofibromatosis 2

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.580.600.625.....Neurothekeoma
C04.557.580.625.....Neuroectodermal Tumors
C04.557.580.625.200.....Craniopharyngioma
C04.557.580.625.600.....Neoplasms, Neuroepithelial
C04.557.580.625.600.355.....Ganglioneuroma
C04.557.580.625.600.380.....Glioma
C04.557.580.625.600.380.080.....Astrocytoma
C04.557.580.625.600.380.080.335.....Glioblastoma
C04.557.580.625.600.380.290.....Ependymoma
C04.557.580.625.600.380.290.390.....Glioma, Subependymal
C04.557.580.625.600.380.350.....Ganglioglioma
C04.557.580.625.600.380.400.....Gliosarcoma
C04.557.580.625.600.380.515.....Medulloblastoma
C04.557.580.625.600.380.590.....Oligodendroglioma
C04.557.580.625.600.380.795.....Optic Nerve Glioma
C04.557.580.625.600.580.....Neurocytoma
C04.557.580.625.600.590.....Neuroectodermal Tumors, Primitive
C04.557.580.625.600.590.500.....Medulloblastoma
C04.557.580.625.600.590.650.....Neuroectodermal Tumors, Primitive, Peripheral
C04.557.580.625.600.590.650.550.....Neuroblastoma
C04.557.580.625.600.590.650.550.150.....Esthesioneuroblastoma, Olfactory
C04.557.580.625.600.590.650.550.300.....Ganglioneuroblastoma
C04.557.580.625.600.657.....Pinealoma
C04.557.580.625.600.725.....Retinoblastoma
C04.557.580.625.630.....Neuroectodermal Tumor, Melanotic
C04.557.580.625.650.....Neuroendocrine Tumors
C04.557.580.625.650.025.....Adenoma, Acidophil
C04.557.580.625.650.075.....Adenoma, Basophil
C04.557.580.625.650.095.....Adenoma, Chromophobe
C04.557.580.625.650.135.....Apudoma
C04.557.580.625.650.200.....Carcinoid Tumor
C04.557.580.625.650.200.500.....Malignant Carcinoid Syndrome
C04.557.580.625.650.200.500.205.....Carcinoid Heart Disease
C04.557.580.625.650.240.....Carcinoma, Neuroendocrine
C04.557.580.625.650.240.315.....Carcinoma, Medullary
C04.557.580.625.650.240.325.....Carcinoma, Merkel Cell
C04.557.580.625.650.510.....Melanoma
C04.557.580.625.650.510.385.....Hutchinson's Melanotic Freckle
C04.557.580.625.650.510.515.....Melanoma, Amelanotic
C04.557.580.625.650.510.525.....Melanoma, Experimental
C04.557.580.625.650.595.....Neurilemmoma

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.580.625.650.595.610.....Neuroma, Acoustic
C04.557.580.625.650.700.....Paraganglioma
C04.557.580.625.650.700.705.....Paraganglioma, Extra-Adrenal
C04.557.580.625.650.700.705.220.....Carotid Body Tumor
C04.557.580.625.650.700.705.340.....Glomus Jugulare Tumor
C04.557.580.625.650.700.705.360.....Glomus Tympanicum Tumor
C04.557.580.625.650.700.725.....Pheochromocytoma
C04.557.595.....Neoplasms, Plasma Cell
C04.557.595.250.....Immunoglobulin Light-chain Amyloidosis
C04.557.595.500.....Multiple Myeloma
C04.557.595.500.500.....Leukemia, Plasma Cell
C04.557.595.600.....Plasmacytoma
C04.557.595.925.....Waldenstrom Macroglobulinemia
C04.557.645.....Neoplasms, Vascular Tissue
C04.557.645.100.....Angiofibroma
C04.557.645.115.....Angiokeratoma
C04.557.645.350.....Glomus Tumor
C04.557.645.375.....Hemangioma
C04.557.645.375.185.....Central Nervous System Venous Angioma
C04.557.645.375.370.....Hemangioendothelioma
C04.557.645.375.370.380.....Hemangioendothelioma, Epithelioid
C04.557.645.375.380.....Hemangioma, Capillary
C04.557.645.375.380.370.....Hemangioblastoma
C04.557.645.375.385.....Hemangioma, Cavernous
C04.557.645.375.385.500.....Hemangioma, Cavernous, Central Nervous System
C04.557.645.375.617.....Kasabach-Merritt Syndrome
C04.557.645.375.850.....Sturge-Weber Syndrome
C04.557.645.380.....Hemangiopericytoma
C04.557.645.390.....Hemangiosarcoma
C04.557.645.520.....Meningioma
C04.557.645.750.....Sarcoma, Kaposi
C04.557.665.....Nevi and Melanomas
C04.557.665.510.....Melanoma
C04.557.665.510.385.....Hutchinson's Melanotic Freckle
C04.557.665.510.515.....Melanoma, Amelanotic
C04.557.665.510.525.....Melanoma, Experimental
C04.557.665.560.....Nevus
C04.557.665.560.260.....Dysplastic Nevus Syndrome
C04.557.665.560.580.....Nevus, Halo
C04.557.665.560.590.....Nevus, Intradermal
C04.557.665.560.615.....Nevus, Pigmented

## 2018 MeSH Tree Hierarchy

Tree location
C04.557.665.560.615.530.....Mongolian Spot
C04.557.665.560.615.550.....Nevus, Blue
C04.557.665.560.615.585.....Nevus of Ota
C04.557.665.560.615.625.....Nevus, Spindle Cell
C04.557.665.560.615.625.585.....Nevus, Epithelioid and Spindle Cell
C04.557.665.560.700.....Nevus, Sebaceous of Jadassohn
C04.557.695.....Odontogenic Tumors
C04.557.695.065.....Ameloblastoma
C04.557.695.210.....Cementoma
C04.557.695.605.....Odontogenic Cyst, Calcifying
C04.557.695.607.....Odontogenic Tumor, Squamous
C04.557.695.610.....Odontoma
C04.588.....Neoplasms by Site
C04.588.033.....Abdominal Neoplasms
C04.588.033.513.....Peritoneal Neoplasms
C04.588.033.731.....Retroperitoneal Neoplasms
C04.588.033.740.....Sister Mary Joseph's Nodule
C04.588.083.....Anal Gland Neoplasms
C04.588.149.....Bone Neoplasms
C04.588.149.030.....Adamantinoma
C04.588.149.276.....Femoral Neoplasms
C04.588.149.721.....Skull Neoplasms
C04.588.149.721.450.....Jaw Neoplasms
C04.588.149.721.450.583.....Mandibular Neoplasms
C04.588.149.721.450.601.....Maxillary Neoplasms
C04.588.149.721.450.692.....Palatal Neoplasms
C04.588.149.721.600.....Nose Neoplasms
C04.588.149.721.656.....Orbital Neoplasms
C04.588.149.721.828.....Skull Base Neoplasms
C04.588.149.828.....Spinal Neoplasms
C04.588.180.....Breast Neoplasms
C04.588.180.130.....Breast Carcinoma In Situ
C04.588.180.260.....Breast Neoplasms, Male
C04.588.180.390.....Carcinoma, Ductal, Breast
C04.588.180.437.....Carcinoma, Lobular
C04.588.180.483.....Hereditary Breast and Ovarian Cancer Syndrome
C04.588.180.576.....Inflammatory Breast Neoplasms
C04.588.180.682.....Unilateral Breast Neoplasms
C04.588.180.788.....Triple Negative Breast Neoplasms
C04.588.274.....Digestive System Neoplasms
C04.588.274.120.....Biliary Tract Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C04.588.274.120.250.....Bile Duct Neoplasms
C04.588.274.120.250.250.....Common Bile Duct Neoplasms
C04.588.274.120.401.....Gallbladder Neoplasms
C04.588.274.476.....Gastrointestinal Neoplasms
C04.588.274.476.205.....Esophageal Neoplasms
C04.588.274.476.411.....Intestinal Neoplasms
C04.588.274.476.411.184.....Cecal Neoplasms
C04.588.274.476.411.184.290.....Appendiceal Neoplasms
C04.588.274.476.411.307.....Colorectal Neoplasms
C04.588.274.476.411.307.089.....Adenomatous Polyposis Coli
C04.588.274.476.411.307.089.393.....Gardner Syndrome
C04.588.274.476.411.307.180.....Colonic Neoplasms
C04.588.274.476.411.307.180.800.....Sigmoid Neoplasms
C04.588.274.476.411.307.190.....Colorectal Neoplasms, Hereditary Nonpolyposis
C04.588.274.476.411.307.790.....Rectal Neoplasms
C04.588.274.476.411.307.790.040.....Anus Neoplasms
C04.588.274.476.411.307.790.040.040.....Anal Gland Neoplasms
C04.588.274.476.411.445.....Duodenal Neoplasms
C04.588.274.476.411.501.....Ileal Neoplasms
C04.588.274.476.411.523.....Jejunal Neoplasms
C04.588.274.476.767.....Stomach Neoplasms
C04.588.274.623.....Liver Neoplasms
C04.588.274.623.040.....Adenoma, Liver Cell
C04.588.274.623.160.....Carcinoma, Hepatocellular
C04.588.274.623.460.....Liver Neoplasms, Experimental
C04.588.274.761.....Pancreatic Neoplasms
C04.588.274.761.249.....Adenoma, Islet Cell
C04.588.274.761.249.500.....Insulinoma
C04.588.274.761.500.....Carcinoma, Islet Cell
C04.588.274.761.500.124.....Gastrinoma
C04.588.274.761.500.249.....Glucagonoma
C04.588.274.761.500.500.....Somatostatinoma
C04.588.274.761.500.750.....Vipoma
C04.588.274.761.750.....Carcinoma, Pancreatic Ductal
C04.588.274.780.....Peritoneal Neoplasms
C04.588.322.....Endocrine Gland Neoplasms
C04.588.322.078.....Adrenal Gland Neoplasms
C04.588.322.078.265.....Adrenal Cortex Neoplasms
C04.588.322.078.265.500.....Adrenocortical Adenoma
C04.588.322.078.265.750.....Adrenocortical Carcinoma
C04.588.322.400.....Multiple Endocrine Neoplasia

## 2018 MeSH Tree Hierarchy

Tree location
C04.588.322.400.500.....Multiple Endocrine Neoplasia Type 1
C04.588.322.400.505.....Multiple Endocrine Neoplasia Type 2a
C04.588.322.400.510.....Multiple Endocrine Neoplasia Type 2b
C04.588.322.455.....Ovarian Neoplasms
C04.588.322.455.398.....Granulosa Cell Tumor
C04.588.322.455.431.....Hereditary Breast and Ovarian Cancer Syndrome
C04.588.322.455.464.....Luteoma
C04.588.322.455.531.....Meigs Syndrome
C04.588.322.455.648.....Sertoli-Leydig Cell Tumor
C04.588.322.455.765.....Thecoma
C04.588.322.475.....Pancreatic Neoplasms
C04.588.322.475.249.....Adenoma, Islet Cell
C04.588.322.475.249.500.....Insulinoma
C04.588.322.475.500.....Carcinoma, Islet Cell
C04.588.322.475.500.124.....Gastrinoma
C04.588.322.475.500.249.....Glucagonoma
C04.588.322.475.500.500.....Somatostatinoma
C04.588.322.475.500.750.....Vipoma
C04.588.322.475.750.....Carcinoma, Pancreatic Ductal
C04.588.322.490.....Paraneoplastic Endocrine Syndromes
C04.588.322.525.....Parathyroid Neoplasms
C04.588.322.609.....Pituitary Neoplasms
C04.588.322.609.145.....ACTH-Secreting Pituitary Adenoma
C04.588.322.609.145.500.....Nelson Syndrome
C04.588.322.609.292.....Growth Hormone-Secreting Pituitary Adenoma
C04.588.322.609.792.....Prolactinoma
C04.588.322.762.....Testicular Neoplasms
C04.588.322.762.500.....Sertoli-Leydig Cell Tumor
C04.588.322.762.500.249.....Leydig Cell Tumor
C04.588.322.762.500.500.....Sertoli Cell Tumor
C04.588.322.894.....Thyroid Neoplasms
C04.588.322.894.800.....Thyroid Nodule
C04.588.364.....Eye Neoplasms
C04.588.364.235.....Conjunctival Neoplasms
C04.588.364.447.....Intraocular Lymphoma
C04.588.364.659.....Orbital Neoplasms
C04.588.364.738.....Paraneoplastic Syndromes, Ocular
C04.588.364.818.....Retinal Neoplasms
C04.588.364.818.760.....Retinoblastoma
C04.588.364.978.....Uveal Neoplasms
C04.588.364.978.223.....Choroid Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C04.588.364.978.400.....Iris Neoplasms
C04.588.443.....Head and Neck Neoplasms
C04.588.443.353.....Esophageal Neoplasms
C04.588.443.392.....Facial Neoplasms
C04.588.443.392.500.....Eyelid Neoplasms
C04.588.443.591.....Mouth Neoplasms
C04.588.443.591.402.....Gingival Neoplasms
C04.588.443.591.545.....Leukoplakia, Oral
C04.588.443.591.545.500.....Leukoplakia, Hairly
C04.588.443.591.550.....Lip Neoplasms
C04.588.443.591.692.....Palatal Neoplasms
C04.588.443.591.824.....Salivary Gland Neoplasms
C04.588.443.591.824.695.....Parotid Neoplasms
C04.588.443.591.824.882.....Sublingual Gland Neoplasms
C04.588.443.591.824.885.....Submandibular Gland Neoplasms
C04.588.443.591.925.....Tongue Neoplasms
C04.588.443.665.....Otorhinolaryngologic Neoplasms
C04.588.443.665.312.....Ear Neoplasms
C04.588.443.665.481.....Laryngeal Neoplasms
C04.588.443.665.650.....Nose Neoplasms
C04.588.443.665.650.693.....Paranasal Sinus Neoplasms
C04.588.443.665.650.693.575.....Maxillary Sinus Neoplasms
C04.588.443.665.710.....Pharyngeal Neoplasms
C04.588.443.665.710.485.....Hypopharyngeal Neoplasms
C04.588.443.665.710.650.....Nasopharyngeal Neoplasms
C04.588.443.665.710.684.....Oropharyngeal Neoplasms
C04.588.443.665.710.684.800.....Tonsillar Neoplasms
C04.588.443.680.....Parathyroid Neoplasms
C04.588.443.915.....Thyroid Neoplasms
C04.588.443.915.800.....Thyroid Nodule
C04.588.443.925.....Tracheal Neoplasms
C04.588.448.....Hematologic Neoplasms
C04.588.448.200.....Bone Marrow Neoplasms
C04.588.448.200.500.....Polycythemia Vera
C04.588.531.....Mammary Neoplasms, Animal
C04.588.531.500.....Mammary Neoplasms, Experimental
C04.588.614.....Nervous System Neoplasms
C04.588.614.250.....Central Nervous System Neoplasms
C04.588.614.250.195.....Brain Neoplasms
C04.588.614.250.195.205.....Cerebral Ventricle Neoplasms
C04.588.614.250.195.205.200.....Choroid Plexus Neoplasms



## 2018 MeSH Tree Hierarchy

Tree location
C04.588.614.250.195.205.200.500.....Papilloma, Choroid Plexus
C04.588.614.250.195.411.....Infratentorial Neoplasms
C04.588.614.250.195.411.100.....Brain Stem Neoplasms
C04.588.614.250.195.411.211.....Cerebellar Neoplasms
C04.588.614.250.195.648.....Neurocytoma
C04.588.614.250.195.766.....Pinealoma
C04.588.614.250.195.885.....Supratentorial Neoplasms
C04.588.614.250.195.885.500.....Hypothalamic Neoplasms
C04.588.614.250.195.885.500.299.....Pallister-Hall Syndrome
C04.588.614.250.195.885.500.600.....Pituitary Neoplasms
C04.588.614.250.387.....Central Nervous System Cysts
C04.588.614.250.387.100.....Arachnoid Cysts
C04.588.614.250.387.200.....Colloid Cysts
C04.588.614.250.580.....Meningeal Neoplasms
C04.588.614.250.580.150.....Meningeal Carcinomatosis
C04.588.614.250.580.500.....Meningioma
C04.588.614.250.803.....Spinal Cord Neoplasms
C04.588.614.250.803.342.....Epidural Neoplasms
C04.588.614.300.....Cranial Nerve Neoplasms
C04.588.614.300.015.....Neuroma, Acoustic
C04.588.614.300.600.....Optic Nerve Neoplasms
C04.588.614.300.600.600.....Optic Nerve Glioma
C04.588.614.550.....Paraneoplastic Syndromes, Nervous System
C04.588.614.550.112.....Anti-N-Methyl-D-Aspartate Receptor Encephalitis
C04.588.614.550.225.....Lambert-Eaton Myasthenic Syndrome
C04.588.614.550.450.....Limbic Encephalitis
C04.588.614.550.550.....Myelitis, Transverse
C04.588.614.550.600.....Opsoclonus-Myoclonus Syndrome
C04.588.614.550.650.....Paraneoplastic Cerebellar Degeneration
C04.588.614.550.700.....Paraneoplastic Polyneuropathy
C04.588.614.596.....Peripheral Nervous System Neoplasms
C04.588.614.596.240.....Cranial Nerve Neoplasms
C04.588.614.596.240.015.....Neuroma, Acoustic
C04.588.614.596.240.240.....Optic Nerve Neoplasms
C04.588.614.596.240.240.500.....Optic Nerve Glioma
C04.588.699.....Pelvic Neoplasms
C04.588.805.....Skin Neoplasms
C04.588.805.040.....Acanthoma
C04.588.805.578.....Sebaceous Gland Neoplasms
C04.588.805.578.500.....Muir-Torre Syndrome
C04.588.805.776.....Sweat Gland Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C04.588.839.....Soft Tissue Neoplasms
C04.588.839.500.....Muscle Neoplasms
C04.588.839.750.....Vascular Neoplasms
C04.588.842.....Splenic Neoplasms
C04.588.894.....Thoracic Neoplasms
C04.588.894.309.....Heart Neoplasms
C04.588.894.309.500.....Carney Complex
C04.588.894.479.....Mediastinal Neoplasms
C04.588.894.797.....Respiratory Tract Neoplasms
C04.588.894.797.520.....Lung Neoplasms
C04.588.894.797.520.109.....Bronchial Neoplasms
C04.588.894.797.520.109.220.....Carcinoma, Bronchogenic
C04.588.894.797.520.109.220.249.....Carcinoma, Non-Small-Cell Lung
C04.588.894.797.520.109.220.624.....Small Cell Lung Carcinoma
C04.588.894.797.520.237.....Multiple Pulmonary Nodules
C04.588.894.797.520.734.....Pancoast Syndrome
C04.588.894.797.520.867.....Pulmonary Blastoma
C04.588.894.797.520.933.....Pulmonary Sclerosing Hemangioma
C04.588.894.797.640.....Pleural Neoplasms
C04.588.894.797.640.700.....Pleural Effusion, Malignant
C04.588.894.797.640.800.....Solitary Fibrous Tumor, Pleural
C04.588.894.797.760.....Tracheal Neoplasms
C04.588.894.949.....Thymus Neoplasms
C04.588.894.949.500.....Thymoma
C04.588.945.....Urogenital Neoplasms
C04.588.945.418.....Genital Neoplasms, Female
C04.588.945.418.365.....Fallopian Tube Neoplasms
C04.588.945.418.948.....Uterine Neoplasms
C04.588.945.418.948.585.....Endometrial Neoplasms
C04.588.945.418.948.585.124.....Carcinoma, Endometrioid
C04.588.945.418.948.850.....Uterine Cervical Neoplasms
C04.588.945.418.955.....Vaginal Neoplasms
C04.588.945.418.968.....Vulvar Neoplasms
C04.588.945.440.....Genital Neoplasms, Male
C04.588.945.440.715.....Penile Neoplasms
C04.588.945.440.770.....Prostatic Neoplasms
C04.588.945.440.770.500.....Prostatic Neoplasms, Castration-Resistant
C04.588.945.440.915.....Testicular Neoplasms
C04.588.945.440.915.500.....Sertoli-Leydig Cell Tumor
C04.588.945.440.915.500.249.....Leydig Cell Tumor
C04.588.945.440.915.500.500.....Sertoli Cell Tumor

## 2018 MeSH Tree Hierarchy

Tree location
C04.588.945.947.....Urologic Neoplasms
C04.588.945.947.535.....Kidney Neoplasms
C04.588.945.947.535.160.....Carcinoma, Renal Cell
C04.588.945.947.535.585.....Wilms Tumor
C04.588.945.947.535.585.220.....Denys-Drash Syndrome
C04.588.945.947.535.585.950.....WAGR Syndrome
C04.588.945.947.535.790.....Nephroma, Mesoblastic
C04.588.945.947.940.....Ureteral Neoplasms
C04.588.945.947.945.....Urethral Neoplasms
C04.588.945.947.960.....Urinary Bladder Neoplasms
C04.588.945.956.....Venereal Tumors, Veterinary
C04.619.....Neoplasms, Experimental
C04.619.045.....Carcinoma 256, Walker
C04.619.124.....Carcinoma, Brown-Pearce
C04.619.169.....Carcinoma, Ehrlich Tumor
C04.619.214.....Carcinoma, Krebs 2
C04.619.230.....Carcinoma, Lewis Lung
C04.619.531.....Leukemia, Experimental
C04.619.531.216.....Avian Leukosis
C04.619.531.594.....Leukemia L1210
C04.619.531.602.....Leukemia L5178
C04.619.531.782.....Leukemia P388
C04.619.540.....Liver Neoplasms, Experimental
C04.619.590.....Mammary Neoplasms, Experimental
C04.619.600.....Melanoma, Experimental
C04.619.857.....Sarcoma, Experimental
C04.619.857.573.....Sarcoma 37
C04.619.857.656.....Sarcoma 180
C04.619.857.800.....Sarcoma, Avian
C04.619.857.822.....Sarcoma, Yoshida
C04.626.....Neoplasms, Hormone-Dependent
C04.651.....Neoplasms, Multiple Primary
C04.651.435.....Hamartoma Syndrome, Multiple
C04.651.435.500.....Proteus Syndrome
C04.651.600.....Multiple Endocrine Neoplasia
C04.651.600.500.....Multiple Endocrine Neoplasia Type 1
C04.651.600.505.....Multiple Endocrine Neoplasia Type 2a
C04.651.600.510.....Multiple Endocrine Neoplasia Type 2b
C04.651.800.....Tuberous Sclerosis
C04.666.....Neoplasms, Post-Traumatic
C04.682.....Neoplasms, Radiation-Induced

## 2018 MeSH Tree Hierarchy

Tree location
C04.682.512.....Leukemia, Radiation-Induced
C04.692.....Neoplasms, Second Primary
C04.697.....Neoplastic Processes
C04.697.045.....Anaplasia
C04.697.098.....Carcinogenesis
C04.697.098.500.....Cell Transformation, Neoplastic
C04.697.098.500.110.....Blast Crisis
C04.697.098.500.160.....Cell Transformation, Viral
C04.697.098.875.....Cocarcinogenesis
C04.697.645.....Neoplasm Invasiveness
C04.697.645.500.....Leukemic Infiltration
C04.697.650.....Neoplasm Metastasis
C04.697.650.560.....Lymphatic Metastasis
C04.697.650.695.....Neoplasm Micrometastasis
C04.697.650.830.....Neoplasm Seeding
C04.697.650.895.....Neoplasms, Unknown Primary
C04.697.650.900.....Neoplastic Cells, Circulating
C04.697.655.....Neoplasm Recurrence, Local
C04.697.670.....Neoplasm Regression, Spontaneous
C04.697.700.....Neoplasm, Residual
C04.697.850.....Oncogene Addiction
C04.700.....Neoplastic Syndromes, Hereditary
C04.700.100.....Adenomatous Polyposis Coli
C04.700.100.392.....Gardner Syndrome
C04.700.175.....Basal Cell Nevus Syndrome
C04.700.212.....Birt-Hogg-Dube Syndrome
C04.700.250.....Colorectal Neoplasms, Hereditary Nonpolyposis
C04.700.250.500.....Lynch Syndrome II
C04.700.250.500.500.....Muir-Torre Syndrome
C04.700.305.....Dysplastic Nevus Syndrome
C04.700.330.....Exostoses, Multiple Hereditary
C04.700.435.....Hamartoma Syndrome, Multiple
C04.700.517.....Hereditary Breast and Ovarian Cancer Syndrome
C04.700.600.....Li-Fraumeni Syndrome
C04.700.630.....Multiple Endocrine Neoplasia
C04.700.630.500.....Multiple Endocrine Neoplasia Type 1
C04.700.630.505.....Multiple Endocrine Neoplasia Type 2a
C04.700.630.510.....Multiple Endocrine Neoplasia Type 2b
C04.700.632.....Tuberous Sclerosis
C04.700.635.....Wilms Tumor
C04.700.635.220.....Denys-Drash Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C04.700.635.950.....WAGR Syndrome
C04.700.645.....Neurofibromatoses
C04.700.645.650.....Neurofibromatosis 1
C04.700.645.655.....Neurofibromatosis 2
C04.700.705.....Peutz-Jeghers Syndrome
C04.730.....Paraneoplastic Syndromes
C04.730.713.....Paraneoplastic Endocrine Syndromes
C04.730.713.317.....ACTH Syndrome, Ectopic
C04.730.713.988.....Zollinger-Ellison Syndrome
C04.730.856.....Paraneoplastic Syndromes, Nervous System
C04.730.856.112.....Anti-N-Methyl-D-Aspartate Receptor Encephalitis
C04.730.856.225.....Lambert-Eaton Myasthenic Syndrome
C04.730.856.437.....Limbic Encephalitis
C04.730.856.543.....Myelitis, Transverse
C04.730.856.596.....Opsoclonus-Myoclonus Syndrome
C04.730.856.650.....Paraneoplastic Cerebellar Degeneration
C04.730.856.700.....Paraneoplastic Polyneuropathy
C04.730.900.....Paraneoplastic Syndromes, Ocular
C04.834.....Precancerous Conditions
C04.834.020.....Aberrant Crypt Foci
C04.834.154.....Barrett Esophagus
C04.834.288.....Erythroplasia
C04.834.450.....Keratoses, Actinic
C04.834.512.....Leukoplakia
C04.834.512.513.....Leukoplakia, Oral
C04.834.512.513.500.....Leukoplakia, Hairy
C04.834.567.....Lymphomatoid Granulomatosis
C04.834.770.....Preleukemia
C04.834.794.....Smoldering Multiple Myeloma
C04.834.818.....Uterine Cervical Dysplasia
C04.834.818.249.....Atypical Squamous Cells of the Cervix
C04.834.818.500.....Squamous Intraepithelial Lesions of the Cervix
C04.834.867.....Xeroderma Pigmentosum
C04.850.....Pregnancy Complications, Neoplastic
C04.850.908.....Trophoblastic Neoplasms
C04.850.908.208.....Choriocarcinoma
C04.850.908.208.438.....Choriocarcinoma, Non-gestational
C04.850.908.208.875.....Trophoblastic Tumor, Placental Site
C04.850.908.416.....Gestational Trophoblastic Disease
C04.850.908.416.750.....Hydatidiform Mole
C04.850.908.416.750.500.....Hydatidiform Mole, Invasive

## 2018 MeSH Tree Hierarchy

Tree location
C05.....Musculoskeletal Diseases
C05.116.....Bone Diseases
C05.116.070.....Bone Cysts
C05.116.070.265.....Bone Cysts, Aneurysmal
C05.116.099.....Bone Diseases, Developmental
C05.116.099.052.....Acro-Osteolysis
C05.116.099.052.400.....Hajdu-Cheney Syndrome
C05.116.099.105.....Basal Cell Nevus Syndrome
C05.116.099.343.....Dwarfism
C05.116.099.343.110.....Achondroplasia
C05.116.099.343.110.500.....Thanatophoric Dysplasia
C05.116.099.343.250.....Cockayne Syndrome
C05.116.099.343.347.....Congenital Hypothyroidism
C05.116.099.343.445.....Dwarfism, Pituitary
C05.116.099.343.679.....Laron Syndrome
C05.116.099.343.796.....Mulibrey Nanism
C05.116.099.343.957.....Weill-Marchesani Syndrome
C05.116.099.370.....Dysostoses
C05.116.099.370.231.....Craniofacial Dysostosis
C05.116.099.370.231.427.....Hallermand's Syndrome
C05.116.099.370.231.480.....Hypertelorism
C05.116.099.370.231.576.....Mandibulofacial Dysostosis
C05.116.099.370.231.576.410.....Goldenhar Syndrome
C05.116.099.370.380.....Focal Dermal Hypoplasia
C05.116.099.370.535.....Klippel-Feil Syndrome
C05.116.099.370.652.....Orofaciodigital Syndromes
C05.116.099.370.797.....Rubinstein-Taybi Syndrome
C05.116.099.370.894.....Synostosis
C05.116.099.370.894.115.....Antley-Bixler Syndrome Phenotype
C05.116.099.370.894.232.....Craniosynostoses
C05.116.099.370.894.232.015.....Acrocephalosyndactylia
C05.116.099.370.894.819.....Syndactyly
C05.116.099.370.894.819.100.....Acrocephalosyndactylia
C05.116.099.370.894.819.428.....Fraser Syndrome
C05.116.099.370.894.819.756.....Poland Syndrome
C05.116.099.370.894.909.....Tarsal Coalition
C05.116.099.386.....Funnel Chest
C05.116.099.492.....Gigantism
C05.116.099.655.....Leg Length Inequality
C05.116.099.674.....Marfan Syndrome
C05.116.099.708.....Osteochondrodysplasias

## 2018 MeSH Tree Hierarchy

Tree location
C05.116.099.708.017.....Achondroplasia
C05.116.099.708.017.500.....Thanatophoric Dysplasia
C05.116.099.708.025.....Acquired Hyperostosis Syndrome
C05.116.099.708.180.....Camurati-Engelmann Syndrome
C05.116.099.708.195.....Chondrodysplasia Punctata
C05.116.099.708.195.200.....Chondrodysplasia Punctata, Rhizomelic
C05.116.099.708.207.....Cleidocranial Dysplasia
C05.116.099.708.327.....Ellis-Van Creveld Syndrome
C05.116.099.708.338.....Enchondromatosis
C05.116.099.708.375.....Fibrous Dysplasia of Bone
C05.116.099.708.375.199.....Cherubism
C05.116.099.708.375.372.....Fibrous Dysplasia, Monostotic
C05.116.099.708.375.381.....Fibrous Dysplasia, Polyostotic
C05.116.099.708.479.....Hyperostosis, Cortical, Congenital
C05.116.099.708.486.....Hyperostosis Frontalis Interna
C05.116.099.708.534.....Kashin-Beck Disease
C05.116.099.708.582.....Langer-Giedion Syndrome
C05.116.099.708.670.....Osteochondroma
C05.116.099.708.670.615.....Osteochondromatosis
C05.116.099.708.670.615.325.....Exostoses, Multiple Hereditary
C05.116.099.708.685.....Osteogenesis Imperfecta
C05.116.099.708.702.....Osteosclerosis
C05.116.099.708.702.593.....Melorheostosis
C05.116.099.708.702.678.....Osteopetrosis
C05.116.099.708.702.685.....Osteopoikilosis
C05.116.099.708.779.....Pycnodysostosis
C05.116.099.708.857.....Short Rib-Polydactyly Syndrome
C05.116.099.708.928.....Slipped Capital Femoral Epiphyses
C05.116.099.736.....Osteolysis, Essential
C05.116.099.739.....Pectus Carinatum
C05.116.099.742.....Platybasia
C05.116.099.750.....Proteus Syndrome
C05.116.132.....Bone Diseases, Endocrine
C05.116.132.082.....Acromegaly
C05.116.132.256.....Congenital Hypothyroidism
C05.116.132.358.....Dwarfism, Pituitary
C05.116.132.479.....Gigantism
C05.116.132.684.....Osteitis Fibrosa Cystica
C05.116.165.....Bone Diseases, Infectious
C05.116.165.495.....Osteomyelitis
C05.116.165.495.249.....Mastoiditis

## 2018 MeSH Tree Hierarchy

Tree location
C05.116.165.495.500.....Petrositis
C05.116.165.495.750.....Pott Puffy Tumor
C05.116.165.595.....Periostitis
C05.116.165.762.....Spondylitis
C05.116.165.762.301.....Discitis
C05.116.165.886.....Tuberculosis, Osteoarticular
C05.116.165.886.722.....Tuberculosis, Spinal
C05.116.198.....Bone Diseases, Metabolic
C05.116.198.247.....Bone Demineralization, Pathologic
C05.116.198.247.400.....Decalcification, Pathologic
C05.116.198.371.....Mucopolidoses
C05.116.198.579.....Osteoporosis
C05.116.198.579.304.....Female Athlete Triad Syndrome
C05.116.198.579.610.....Osteoporosis, Postmenopausal
C05.116.198.709.....Pseudohypoparathyroidism
C05.116.198.709.628.....Pseudopseudohypoparathyroidism
C05.116.198.816.....Rickets
C05.116.198.816.640.....Osteomalacia
C05.116.198.816.750.....Chronic Kidney Disease-Mineral and Bone Disorder
C05.116.198.816.875.....Rickets, Hypophosphatemic
C05.116.198.816.875.500.....Familial Hypophosphatemic Rickets
C05.116.214.....Bone Malalignment
C05.116.214.500.....Bone Anteversion
C05.116.214.500.500.....Coxa Vara
C05.116.214.750.....Bone Retroversion
C05.116.214.750.500.....Coxa Valga
C05.116.231.....Bone Neoplasms
C05.116.231.030.....Adamantinoma
C05.116.231.343.....Femoral Neoplasms
C05.116.231.754.....Skull Neoplasms
C05.116.231.754.450.....Jaw Neoplasms
C05.116.231.754.450.583.....Mandibular Neoplasms
C05.116.231.754.450.601.....Maxillary Neoplasms
C05.116.231.754.450.692.....Palatal Neoplasms
C05.116.231.754.600.....Nose Neoplasms
C05.116.231.754.659.....Orbital Neoplasms
C05.116.231.754.829.....Skull Base Neoplasms
C05.116.231.828.....Spinal Neoplasms
C05.116.264.....Bone Resorption
C05.116.264.143.....Ainhum
C05.116.264.150.....Alveolar Bone Loss



## 2018 MeSH Tree Hierarchy

Tree location
C05.116.264.579.....Osteolysis
C05.116.264.579.052.....Acro-Osteolysis
C05.116.264.579.052.400.....Hajdu-Cheney Syndrome
C05.116.264.579.704.....Osteolysis, Essential
C05.116.296.....Coxa Magna
C05.116.327.....Coxa Valga
C05.116.391.....Eosinophilic Granuloma
C05.116.425.....Epiphyses, Slipped
C05.116.425.500.....Slipped Capital Femoral Epiphyses
C05.116.482.....Genu Valgum
C05.116.511.....Genu Varum
C05.116.540.....Hyperostosis
C05.116.540.310.....Exostoses
C05.116.540.310.500.....Exostoses, Multiple Hereditary
C05.116.540.310.600.....Heel Spur
C05.116.540.310.800.....Osteophyte
C05.116.540.400.....Hyperostosis, Cortical, Congenital
C05.116.540.410.....Hyperostosis, Diffuse Idiopathic Skeletal
C05.116.540.420.....Hyperostosis Frontalis Interna
C05.116.540.600.....Hyperostosis, Sternocostoclavicular
C05.116.680.....Osteitis
C05.116.692.....Osteitis Deformans
C05.116.725.....Osteoarthropathy, Primary Hypertrophic
C05.116.758.....Osteoarthropathy, Secondary Hypertrophic
C05.116.791.....Osteochondritis
C05.116.791.668.....Osteochondritis Dissecans
C05.116.821.....Osteochondrosis
C05.116.821.500.....Spinal Osteochondrosis
C05.116.821.500.500.....Scheuermann Disease
C05.116.852.....Osteonecrosis
C05.116.852.087.....Bisphosphonate-Associated Osteonecrosis of the Jaw
C05.116.852.175.....Femur Head Necrosis
C05.116.852.175.570.....Legg-Calve-Perthes Disease
C05.116.900.....Spinal Diseases
C05.116.900.153.....Intervertebral Disc Degeneration
C05.116.900.307.....Intervertebral Disc Displacement
C05.116.900.480.....Ossification of Posterior Longitudinal Ligament
C05.116.900.540.....Platybasia
C05.116.900.596.....Posterior Cervical Sympathetic Syndrome
C05.116.900.800.....Spinal Curvatures
C05.116.900.800.500.....Kyphosis

## 2018 MeSH Tree Hierarchy

Tree location
C05.116.900.800.500.500.....Scheuermann Disease
C05.116.900.800.750.....Lordosis
C05.116.900.800.875.....Scoliosis
C05.116.900.801.....Spinal Neoplasms
C05.116.900.808.....Spinal Osteochondrosis
C05.116.900.808.500.....Scheuermann Disease
C05.116.900.815.....Spinal Osteophytosis
C05.116.900.815.651.....Hyperostosis, Diffuse Idiopathic Skeletal
C05.116.900.825.....Spinal Stenosis
C05.116.900.853.....Spondylitis
C05.116.900.853.500.....Discitis
C05.116.900.853.625.....Spondylarthritis
C05.116.900.853.625.399.....Osteoarthritis, Spine
C05.116.900.853.625.800.....Spondylarthropathies
C05.116.900.853.625.800.424.....Arthritis, Psoriatic
C05.116.900.853.625.800.637.....Arthritis, Reactive
C05.116.900.853.625.800.850.....Spondylitis, Ankylosing
C05.116.900.853.850.....Tuberculosis, Spinal
C05.116.900.938.....Spondylosis
C05.116.900.938.500.....Spondylolysis
C05.116.900.938.500.500.....Spondylolisthesis
C05.182.....Cartilage Diseases
C05.182.100.....Chondromalacia Patellae
C05.182.310.....Laryngomalacia
C05.182.520.....Osteochondritis
C05.182.525.....Pectus Carinatum
C05.182.531.....Polychondritis, Relapsing
C05.182.790.....Tietze's Syndrome
C05.182.895.....Tracheobronchomalacia
C05.182.895.249.....Bronchomalacia
C05.182.895.500.....Tracheomalacia
C05.321.....Fasciitis
C05.321.550.....Fasciitis, Necrotizing
C05.321.600.....Fasciitis, Plantar
C05.330.....Foot Deformities
C05.330.488.....Foot Deformities, Acquired
C05.330.488.050.....Bunion
C05.330.488.050.500.....Bunion, Tailor's
C05.330.488.300.....Hallux Limitus
C05.330.488.310.....Hallux Rigidus
C05.330.488.655.....Talipes

## 2018 MeSH Tree Hierarchy

Tree location
C05.330.488.655.063.....Clubfoot
C05.330.488.655.125.....Equinus Deformity
C05.330.488.655.250.....Flatfoot
C05.330.488.655.500.....Talipes Cavus
C05.330.495.....Foot Deformities, Congenital
C05.330.495.681.....Talipes
C05.330.495.681.063.....Clubfoot
C05.330.495.681.125.....Equinus Deformity
C05.330.495.681.250.....Flatfoot
C05.330.495.681.500.....Talipes Cavus
C05.330.495.787.....Tarsal Coalition
C05.330.610.....Hallux Valgus
C05.330.612.....Hallux Varus
C05.330.615.....Hammer Toe Syndrome
C05.330.663.....Metatarsal Valgus
C05.330.711.....Metatarsus Varus
C05.360.....Foot Diseases
C05.360.350.....Fasciitis, Plantar
C05.360.375.....Fibromatosis, Plantar
C05.360.400.....Heel Spur
C05.360.500.....Metatarsalgia
C05.360.500.500.....Morton Neuroma
C05.360.750.....Posterior Tibial Tendon Dysfunction
C05.390.....Hand Deformities
C05.390.110.....Hand Deformities, Acquired
C05.390.408.....Hand Deformities, Congenital
C05.500.....Jaw Diseases
C05.500.086.....Bisphosphonate-Associated Osteonecrosis of the Jaw
C05.500.174.....Cherubism
C05.500.368.....Granuloma, Giant Cell
C05.500.460.....Jaw Abnormalities
C05.500.460.185.....Cleft Palate
C05.500.460.457.....Micrognathism
C05.500.460.606.....Pierre Robin Syndrome
C05.500.460.655.....Prognathism
C05.500.460.827.....Retrognathia
C05.500.470.....Jaw Cysts
C05.500.470.660.....Nonodontogenic Cysts
C05.500.470.690.....Odontogenic Cysts
C05.500.470.690.150.....Basal Cell Nevus Syndrome
C05.500.470.690.310.....Dentigerous Cyst

## 2018 MeSH Tree Hierarchy

Tree location	
C05.500.470.690.605.....	Odontogenic Cyst, Calcifying
C05.500.470.690.790.....	Periodontal Cyst
C05.500.470.690.790.820.....	Radicular Cyst
C05.500.480.....	Jaw, Edentulous
C05.500.480.450.....	Jaw, Edentulous, Partially
C05.500.499.....	Jaw Neoplasms
C05.500.499.583.....	Mandibular Neoplasms
C05.500.499.601.....	Maxillary Neoplasms
C05.500.499.692.....	Palatal Neoplasms
C05.500.607.....	Mandibular Diseases
C05.500.607.221.....	Craniomandibular Disorders
C05.500.607.221.897.....	Temporomandibular Joint Disorders
C05.500.607.221.897.897.....	Temporomandibular Joint Dysfunction Syndrome
C05.500.607.442.....	Mandibular Neoplasms
C05.500.607.655.....	Prognathism
C05.500.693.....	Maxillary Diseases
C05.500.693.528.....	Maxillary Neoplasms
C05.550.....	Joint Diseases
C05.550.069.....	Ankylosis
C05.550.069.680.....	Spondylitis, Ankylosing
C05.550.091.....	Arthralgia
C05.550.091.700.....	Shoulder Pain
C05.550.114.....	Arthritis
C05.550.114.015.....	Arthritis, Experimental
C05.550.114.099.....	Arthritis, Infectious
C05.550.114.099.500.....	Arthritis, Reactive
C05.550.114.122.....	Arthritis, Juvenile
C05.550.114.145.....	Arthritis, Psoriatic
C05.550.114.154.....	Arthritis, Rheumatoid
C05.550.114.154.219.....	Caplan Syndrome
C05.550.114.154.389.....	Felty Syndrome
C05.550.114.154.683.....	Rheumatoid Nodule
C05.550.114.154.728.....	Rheumatoid Vasculitis
C05.550.114.154.774.....	Sjogren's Syndrome
C05.550.114.154.870.....	Still's Disease, Adult-Onset
C05.550.114.264.....	Chondrocalcinosis
C05.550.114.264.500.....	Rotator Cuff Tear Arthropathy
C05.550.114.423.....	Gout
C05.550.114.423.410.....	Arthritis, Gouty
C05.550.114.606.....	Osteoarthritis
C05.550.114.606.400.....	Osteoarthritis, Hip

## 2018 MeSH Tree Hierarchy

Tree location
C05.550.114.606.500.....Osteoarthritis, Knee
C05.550.114.606.750.....Osteoarthritis, Spine
C05.550.114.678.....Periarthritis
C05.550.114.843.....Rheumatic Fever
C05.550.114.843.566.....Rheumatic Nodule
C05.550.114.843.823.....Wissler's Syndrome
C05.550.114.854.....Sacroiliitis
C05.550.114.865.....Spondylarthritis
C05.550.114.865.399.....Osteoarthritis, Spine
C05.550.114.865.800.....Spondylarthropathies
C05.550.114.865.800.424.....Arthritis, Psoriatic
C05.550.114.865.800.637.....Arthritis, Reactive
C05.550.114.865.800.850.....Spondylitis, Ankylosing
C05.550.150.....Arthrogryposis
C05.550.186.....Arthropathy, Neurogenic
C05.550.251.....Bursitis
C05.550.251.595.....Periarthritis
C05.550.287.....Chondromatosis, Synovial
C05.550.323.....Contracture
C05.550.323.468.....Hip Contracture
C05.550.323.734.....Ischemic Contracture
C05.550.354.....Crystal Arthropathies
C05.550.354.125.....Chondrocalcinosis
C05.550.354.250.....Rotator Cuff Tear Arthropathy
C05.550.354.500.....Gout
C05.550.354.500.500.....Arthritis, Gouty
C05.550.384.....Femoracetabular Impingement
C05.550.445.....Hallux Limitus
C05.550.450.....Hallux Rigidus
C05.550.459.....Hemarthrosis
C05.550.509.....Hydrarthrosis
C05.550.515.....Joint Deformities, Acquired
C05.550.518.....Joint Dislocations
C05.550.518.192.....Diastasis, Bone
C05.550.518.192.500.....Pubic Symphysis Diastasis
C05.550.518.288.....Diastasis, Muscle
C05.550.518.336.....Fracture Dislocation
C05.550.518.336.500.....Colles' Fracture
C05.550.518.336.750.....Monteggia's Fracture
C05.550.518.336.875.....Salter-Harris Fractures
C05.550.518.384.....Hip Dislocation

## 2018 MeSH Tree Hierarchy

Tree location
C05.550.518.500.....Knee Dislocation
C05.550.518.625.....Patellar Dislocation
C05.550.518.750.....Shoulder Dislocation
C05.550.521.....Joint Instability
C05.550.535.....Joint Loose Bodies
C05.550.610.....Metatarsalgia
C05.550.610.500.....Morton Neuroma
C05.550.629.....Nail-Patella Syndrome
C05.550.648.....Osteoarthropathy, Primary Hypertrophic
C05.550.684.....Osteoarthropathy, Secondary Hypertrophic
C05.550.700.....Patellofemoral Pain Syndrome
C05.550.840.....Shoulder Impingement Syndrome
C05.550.870.....Synovitis
C05.550.870.445.....Giant Cell Tumor of Tendon Sheath
C05.550.870.445.500.....Synovitis, Pigmented Villonodular
C05.550.905.....Temporomandibular Joint Disorders
C05.550.905.905.....Temporomandibular Joint Dysfunction Syndrome
C05.651.....Muscular Diseases
C05.651.102.....Arthrogryposis
C05.651.180.....Compartment Syndromes
C05.651.180.063.....Anterior Compartment Syndrome
C05.651.180.297.....Intra-Abdominal Hypertension
C05.651.180.531.....Ischemic Contracture
C05.651.197.....Contracture
C05.651.197.270.....Dupuytren Contracture
C05.651.197.369.....Fibromatosis, Plantar
C05.651.197.468.....Hip Contracture
C05.651.197.734.....Ischemic Contracture
C05.651.243.....Cranio-mandibular Disorders
C05.651.243.897.....Temporomandibular Joint Disorders
C05.651.243.897.897.....Temporomandibular Joint Dysfunction Syndrome
C05.651.290.....Eosinophilia-Myalgia Syndrome
C05.651.310.....Fatigue Syndrome, Chronic
C05.651.324.....Fibromyalgia
C05.651.392.....Isaacs Syndrome
C05.651.426.....Medial Tibial Stress Syndrome
C05.651.460.....Mitochondrial Myopathies
C05.651.460.620.....Mitochondrial Encephalomyopathies
C05.651.460.620.520.....MELAS Syndrome
C05.651.460.620.530.....MERRF Syndrome
C05.651.460.700.....Ophthalmoplegia, Chronic Progressive External

## 2018 MeSH Tree Hierarchy

Tree location
C05.651.460.700.500.....Kearns-Sayre Syndrome
C05.651.475.....Muscle Cramp
C05.651.494.....Muscle Neoplasms
C05.651.504.....Muscle Rigidity
C05.651.512.....Muscle Spasticity
C05.651.515.....Muscle Weakness
C05.651.534.....Muscular Disorders, Atrophic
C05.651.534.500.....Muscular Dystrophies
C05.651.534.500.074.....Distal Myopathies
C05.651.534.500.149.....Glycogen Storage Disease Type VII
C05.651.534.500.280.....Muscular Dystrophies, Limb-Girdle
C05.651.534.500.280.500.....Sarcoglycanopathies
C05.651.534.500.300.....Muscular Dystrophy, Duchenne
C05.651.534.500.350.....Muscular Dystrophy, Emery-Dreifuss
C05.651.534.500.400.....Muscular Dystrophy, Facioscapulohumeral
C05.651.534.500.450.....Muscular Dystrophy, Oculopharyngeal
C05.651.534.500.500.....Myotonic Dystrophy
C05.651.534.750.....Postpoliomyelitis Syndrome
C05.651.538.....Musculoskeletal Pain
C05.651.542.....Myalgia
C05.651.550.....Myofascial Pain Syndromes
C05.651.550.905.....Temporomandibular Joint Dysfunction Syndrome
C05.651.575.....Myopathies, Structural, Congenital
C05.651.575.290.....Myopathies, Nemaline
C05.651.575.300.....Myopathy, Central Core
C05.651.594.....Myositis
C05.651.594.600.....Myositis, Inclusion Body
C05.651.594.638.....Myositis Ossificans
C05.651.594.728.....Orbital Myositis
C05.651.594.819.....Polymyositis
C05.651.594.819.500.....Dermatomyositis
C05.651.594.909.....Pyomyositis
C05.651.662.....Myotonic Disorders
C05.651.662.500.....Myotonia Congenita
C05.651.662.750.....Myotonic Dystrophy
C05.651.701.....Paralyses, Familial Periodic
C05.651.701.450.....Hypokalemic Periodic Paralysis
C05.651.701.600.....Paralysis, Hyperkalemic Periodic
C05.651.742.....Polymyalgia Rheumatica
C05.651.807.....Rhabdomyolysis
C05.651.807.628.....Myoglobinuria

## 2018 MeSH Tree Hierarchy

Tree location
C05.651.869.....Tendinopathy
C05.651.869.435.....Elbow Tendinopathy
C05.651.869.435.500.....Tennis Elbow
C05.651.869.653.....Enthesopathy
C05.651.869.762.....Giant Cell Tumor of Tendon Sheath
C05.651.869.762.500.....Synovitis, Pigmented Villonodular
C05.651.869.816.....Tendon Entrapment
C05.651.869.816.200.....De Quervain Disease
C05.651.869.816.800.....Trigger Finger Disorder
C05.651.869.870.....Tenosynovitis
C05.660.....Musculoskeletal Abnormalities
C05.660.077.....Arthrogryposis
C05.660.142.....Campomelic Dysplasia
C05.660.207.....Craniofacial Abnormalities
C05.660.207.103.....22q11 Deletion Syndrome
C05.660.207.103.500.....DiGeorge Syndrome
C05.660.207.207.....Cleidocranial Dysplasia
C05.660.207.219.....Costello Syndrome
C05.660.207.231.....Craniofacial Dysostosis
C05.660.207.231.427.....Hallermann's Syndrome
C05.660.207.231.480.....Hypertelorism
C05.660.207.231.576.....Mandibulofacial Dysostosis
C05.660.207.231.576.410.....Goldenhar Syndrome
C05.660.207.240.....Craniosynostoses
C05.660.207.240.100.....Acrocephalosyndactylia
C05.660.207.325.....Donohue Syndrome
C05.660.207.410.....Holoprosencephaly
C05.660.207.525.....LEOPARD Syndrome
C05.660.207.532.....Loeys-Dietz Syndrome
C05.660.207.536.....Megalencephaly
C05.660.207.536.500.....Hemimegalencephaly
C05.660.207.540.....Maxillofacial Abnormalities
C05.660.207.540.229.....Dentofacial Deformities
C05.660.207.540.460.....Jaw Abnormalities
C05.660.207.540.460.185.....Cleft Palate
C05.660.207.540.460.457.....Micrognathism
C05.660.207.540.460.606.....Pierre Robin Syndrome
C05.660.207.540.460.655.....Prognathism
C05.660.207.540.460.827.....Retrognathia
C05.660.207.620.....Microcephaly
C05.660.207.620.500.....Porencephaly



## 2018 MeSH Tree Hierarchy

Tree location
C05.660.207.690.....Noonan Syndrome
C05.660.207.700.....Orofaciodigital Syndromes
C05.660.207.707.....Plagiocephaly
C05.660.207.707.624.....Plagiocephaly, Nonsynostotic
C05.660.207.720.....Platybasia
C05.660.207.850.....Rubinstein-Taybi Syndrome
C05.660.207.925.....Silver-Russell Syndrome
C05.660.386.....Funnel Chest
C05.660.417.....Gastroschisis
C05.660.449.....Hip Dislocation, Congenital
C05.660.551.....Klippel-Feil Syndrome
C05.660.585.....Limb Deformities, Congenital
C05.660.585.174.....Arachnodactyly
C05.660.585.262.....Brachydactyly
C05.660.585.350.....Ectromelia
C05.660.585.512.....Lower Extremity Deformities, Congenital
C05.660.585.512.380.....Foot Deformities, Congenital
C05.660.585.512.380.813.....Talipes
C05.660.585.512.380.813.063.....Clubfoot
C05.660.585.512.380.813.125.....Equinus Deformity
C05.660.585.512.380.813.250.....Flatfoot
C05.660.585.512.380.813.500.....Talipes Cavus
C05.660.585.512.380.875.....Tarsal Coalition
C05.660.585.600.....Polydactyly
C05.660.585.600.374.....Pallister-Hall Syndrome
C05.660.585.600.750.....Short Rib-Polydactyly Syndrome
C05.660.585.620.....Proteus Syndrome
C05.660.585.800.....Syndactyly
C05.660.585.800.100.....Acrocephalosyndactylia
C05.660.585.800.428.....Fraser Syndrome
C05.660.585.800.756.....Poland Syndrome
C05.660.585.984.....Thanatophoric Dysplasia
C05.660.585.988.....Upper Extremity Deformities, Congenital
C05.660.585.988.425.....Hand Deformities, Congenital
C05.660.745.....Pectus Carinatum
C05.660.906.....Synostosis
C05.660.906.181.....Antley-Bixler Syndrome Phenotype
C05.660.906.364.....Craniosynostoses
C05.660.906.364.100.....Acrocephalosyndactylia
C05.660.906.819.....Syndactyly
C05.660.906.819.100.....Acrocephalosyndactylia

## 2018 MeSH Tree Hierarchy

Tree location
C05.660.906.819.428.....Fraser Syndrome
C05.660.906.819.756.....Poland Syndrome
C05.660.906.909.....Tarsal Coalition
C05.799.....Rheumatic Diseases
C05.799.056.....Arthritis, Juvenile
C05.799.114.....Arthritis, Rheumatoid
C05.799.114.219.....Caplan Syndrome
C05.799.114.389.....Felty Syndrome
C05.799.114.683.....Rheumatoid Nodule
C05.799.114.728.....Rheumatoid Vasculitis
C05.799.114.774.....Sjogren's Syndrome
C05.799.114.870.....Still's Disease, Adult-Onset
C05.799.321.....Fibromyalgia
C05.799.414.....Gout
C05.799.414.410.....Arthritis, Gouty
C05.799.440.....Hyperostosis, Sternocostoclavicular
C05.799.613.....Osteoarthritis
C05.799.613.400.....Osteoarthritis, Hip
C05.799.613.500.....Osteoarthritis, Knee
C05.799.613.750.....Osteoarthritis, Spine
C05.799.720.....Polymyalgia Rheumatica
C05.799.825.....Rheumatic Fever
C05.799.825.566.....Rheumatic Nodule
C05.799.825.823.....Wissler's Syndrome
C06.....Digestive System Diseases
C06.130.....Biliary Tract Diseases
C06.130.120.....Bile Duct Diseases
C06.130.120.120.....Bile Duct Neoplasms
C06.130.120.120.280.....Common Bile Duct Neoplasms
C06.130.120.123.....Biliary Atresia
C06.130.120.127.....Choledochal Cyst
C06.130.120.127.500.....Caroli Disease
C06.130.120.135.....Cholestasis
C06.130.120.135.150.....Cholestasis, Extrahepatic
C06.130.120.135.250.....Cholestasis, Intrahepatic
C06.130.120.135.250.125.....Alagille Syndrome
C06.130.120.135.250.250.....Liver Cirrhosis, Biliary
C06.130.120.135.812.....Mirizzi Syndrome
C06.130.120.200.....Cholangitis
C06.130.120.200.110.....Cholangitis, Sclerosing
C06.130.120.250.....Common Bile Duct Diseases

## 2018 MeSH Tree Hierarchy

Tree location
C06.130.120.250.098.....Biliary Dyskinesia
C06.130.120.250.098.800.....Sphincter of Oddi Dysfunction
C06.130.120.250.174.....Cholelithiasis
C06.130.120.250.280.....Common Bile Duct Neoplasms
C06.130.140.....Bile Reflux
C06.130.320.....Biliary Tract Neoplasms
C06.130.320.120.....Bile Duct Neoplasms
C06.130.320.120.280.....Common Bile Duct Neoplasms
C06.130.320.401.....Gallbladder Neoplasms
C06.130.409.....Cholelithiasis
C06.130.409.178.....Cholecystolithiasis
C06.130.409.267.....Cholelithiasis
C06.130.409.633.....Gallstones
C06.130.564.....Gallbladder Diseases
C06.130.564.263.....Cholecystitis
C06.130.564.263.249.....Acalculous Cholecystitis
C06.130.564.263.500.....Cholecystitis, Acute
C06.130.564.263.500.500.....Emphysematous Cholecystitis
C06.130.564.332.....Cholecystolithiasis
C06.130.564.332.500.....Gallstones
C06.130.564.401.....Gallbladder Neoplasms
C06.130.825.....Postcholecystectomy Syndrome
C06.198.....Digestive System Abnormalities
C06.198.025.....Anorectal Malformations
C06.198.050.....Anus, Imperforate
C06.198.125.....Biliary Atresia
C06.198.184.....Choledochal Cyst
C06.198.184.500.....Caroli Disease
C06.198.257.....Diaphragmatic Eventration
C06.198.330.....Esophageal Atresia
C06.198.439.....Hirschsprung Disease
C06.198.719.....Intestinal Atresia
C06.198.859.....Meckel Diverticulum
C06.198.929.....Median Arcuate Ligament Syndrome
C06.267.....Digestive System Fistula
C06.267.150.....Biliary Fistula
C06.267.250.....Esophageal Fistula
C06.267.250.725.....Tracheoesophageal Fistula
C06.267.375.....Gastric Fistula
C06.267.550.....Intestinal Fistula
C06.267.550.600.....Rectal Fistula

## 2018 MeSH Tree Hierarchy

Tree location
C06.267.550.600.650.....Rectovaginal Fistula
C06.267.775.....Pancreatic Fistula
C06.301.....Digestive System Neoplasms
C06.301.120.....Biliary Tract Neoplasms
C06.301.120.250.....Bile Duct Neoplasms
C06.301.120.250.250.....Common Bile Duct Neoplasms
C06.301.120.401.....Gallbladder Neoplasms
C06.301.371.....Gastrointestinal Neoplasms
C06.301.371.205.....Esophageal Neoplasms
C06.301.371.308.....Gastrointestinal Stromal Tumors
C06.301.371.411.....Intestinal Neoplasms
C06.301.371.411.184.....Cecal Neoplasms
C06.301.371.411.184.290.....Appendiceal Neoplasms
C06.301.371.411.307.....Colorectal Neoplasms
C06.301.371.411.307.090.....Adenomatous Polyposis Coli
C06.301.371.411.307.090.500.....Gardner Syndrome
C06.301.371.411.307.180.....Colonic Neoplasms
C06.301.371.411.307.180.800.....Sigmoid Neoplasms
C06.301.371.411.307.190.....Colorectal Neoplasms, Hereditary Nonpolyposis
C06.301.371.411.307.790.....Rectal Neoplasms
C06.301.371.411.307.790.040.....Anus Neoplasms
C06.301.371.411.307.790.040.040.....Anal Gland Neoplasms
C06.301.371.411.445.....Duodenal Neoplasms
C06.301.371.411.501.....Ileal Neoplasms
C06.301.371.411.512.....Immunoproliferative Small Intestinal Disease
C06.301.371.411.523.....Jejunal Neoplasms
C06.301.371.767.....Stomach Neoplasms
C06.301.371.883.....Zollinger-Ellison Syndrome
C06.301.623.....Liver Neoplasms
C06.301.623.040.....Adenoma, Liver Cell
C06.301.623.160.....Carcinoma, Hepatocellular
C06.301.623.460.....Liver Neoplasms, Experimental
C06.301.761.....Pancreatic Neoplasms
C06.301.761.249.....Adenoma, Islet Cell
C06.301.761.249.500.....Insulinoma
C06.301.761.500.....Carcinoma, Islet Cell
C06.301.761.500.124.....Gastrinoma
C06.301.761.500.249.....Glucagonoma
C06.301.761.500.500.....Somatostatinoma
C06.301.761.500.750.....Vipoma
C06.301.761.750.....Carcinoma, Pancreatic Ductal

## 2018 MeSH Tree Hierarchy

Tree location
C06.301.780.....Peritoneal Neoplasms
C06.405.....Gastrointestinal Diseases
C06.405.117.....Esophageal Diseases
C06.405.117.102.....Barrett Esophagus
C06.405.117.119.....Deglutition Disorders
C06.405.117.119.500.....Esophageal Motility Disorders
C06.405.117.119.500.204.....CREST Syndrome
C06.405.117.119.500.432.....Esophageal Achalasia
C06.405.117.119.500.450.....Esophageal Spasm, Diffuse
C06.405.117.119.500.484.....Gastroesophageal Reflux
C06.405.117.119.500.484.500.....Laryngopharyngeal Reflux
C06.405.117.119.500.484.500.500.....Respiratory Aspiration of Gastric Contents
C06.405.117.119.500.742.....Plummer-Vinson Syndrome
C06.405.117.136.....Diverticulosis, Esophageal
C06.405.117.240.....Esophageal and Gastric Varices
C06.405.117.260.....Esophageal Atresia
C06.405.117.316.....Esophageal Cyst
C06.405.117.367.....Esophageal Fistula
C06.405.117.367.725.....Tracheoesophageal Fistula
C06.405.117.430.....Esophageal Neoplasms
C06.405.117.468.....Esophageal Perforation
C06.405.117.468.524.....Mallory-Weiss Syndrome
C06.405.117.544.....Esophageal Stenosis
C06.405.117.620.....Esophagitis
C06.405.117.620.209.....Eosinophilic Esophagitis
C06.405.117.620.420.....Esophagitis, Peptic
C06.405.205.....Gastroenteritis
C06.405.205.099.....Appendicitis
C06.405.205.200.....Cholera Morbus
C06.405.205.265.....Colitis
C06.405.205.265.115.....Colitis, Ischemic
C06.405.205.265.173.....Colitis, Microscopic
C06.405.205.265.173.500.....Colitis, Collagenous
C06.405.205.265.173.750.....Colitis, Lymphocytic
C06.405.205.265.231.....Colitis, Ulcerative
C06.405.205.265.767.....Proctocolitis
C06.405.205.282.....Diverticular Diseases
C06.405.205.282.500.....Diverticulitis
C06.405.205.282.500.250.....Diverticulitis, Colonic
C06.405.205.282.500.438.....Diverticulosis, Esophageal
C06.405.205.282.500.625.....Diverticulosis, Stomach

## 2018 MeSH Tree Hierarchy

Tree location
C06.405.205.282.750.....Diverticulum
C06.405.205.282.750.500.....Diverticulum, Colon
C06.405.205.282.750.625.....Diverticulum, Esophageal
C06.405.205.282.750.625.900.....Zenker Diverticulum
C06.405.205.282.750.687.....Diverticulum, Stomach
C06.405.205.282.750.750.....Meckel Diverticulum
C06.405.205.331.....Dysentery
C06.405.205.331.312.....Dysentery, Amebic
C06.405.205.331.479.....Dysentery, Bacillary
C06.405.205.462.....Enteritis
C06.405.205.462.249.....Duodenitis
C06.405.205.462.624.....Ileitis
C06.405.205.462.624.500.....Pouchitis
C06.405.205.596.....Enterocolitis
C06.405.205.596.700.....Enterocolitis, Necrotizing
C06.405.205.596.750.....Enterocolitis, Neutropenic
C06.405.205.596.800.....Enterocolitis, Pseudomembranous
C06.405.205.663.....Esophagitis
C06.405.205.663.209.....Eosinophilic Esophagitis
C06.405.205.663.420.....Esophagitis, Peptic
C06.405.205.697.....Gastritis
C06.405.205.697.394.....Gastritis, Atrophic
C06.405.205.697.410.....Gastritis, Hypertrophic
C06.405.205.731.....Inflammatory Bowel Diseases
C06.405.205.731.249.....Colitis, Ulcerative
C06.405.205.731.500.....Crohn Disease
C06.405.205.798.....Mucositis
C06.405.205.865.....Proctitis
C06.405.205.865.790.....Proctocolitis
C06.405.205.932.....Typhlitis
C06.405.227.....Gastrointestinal Hemorrhage
C06.405.227.400.....Hematemesis
C06.405.227.600.....Melena
C06.405.227.700.....Peptic Ulcer Hemorrhage
C06.405.249.....Gastrointestinal Neoplasms
C06.405.249.205.....Esophageal Neoplasms
C06.405.249.308.....Gastrointestinal Stromal Tumors
C06.405.249.411.....Intestinal Neoplasms
C06.405.249.411.184.....Cecal Neoplasms
C06.405.249.411.184.290.....Appendiceal Neoplasms
C06.405.249.411.307.....Colorectal Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C06.405.249.411.307.090.....Adenomatous Polyposis Coli
C06.405.249.411.307.090.500.....Gardner Syndrome
C06.405.249.411.307.180.....Colonic Neoplasms
C06.405.249.411.307.180.800.....Sigmoid Neoplasms
C06.405.249.411.307.190.....Colorectal Neoplasms, Hereditary Nonpolyposis
C06.405.249.411.307.790.....Rectal Neoplasms
C06.405.249.411.307.790.040.....Anus Neoplasms
C06.405.249.411.307.790.040.040.....Anal Gland Neoplasms
C06.405.249.411.445.....Duodenal Neoplasms
C06.405.249.411.501.....Ileal Neoplasms
C06.405.249.411.512.....Immunoproliferative Small Intestinal Disease
C06.405.249.411.523.....Jejunal Neoplasms
C06.405.249.767.....Stomach Neoplasms
C06.405.249.883.....Zollinger-Ellison Syndrome
C06.405.469.....Intestinal Diseases
C06.405.469.110.....Cecal Diseases
C06.405.469.110.207.....Appendicitis
C06.405.469.110.417.....Cecal Neoplasms
C06.405.469.110.417.290.....Appendiceal Neoplasms
C06.405.469.110.708.....Typhlitis
C06.405.469.158.....Colonic Diseases
C06.405.469.158.093.....Chilaiditi Syndrome
C06.405.469.158.188.....Colitis
C06.405.469.158.188.115.....Colitis, Ischemic
C06.405.469.158.188.173.....Colitis, Microscopic
C06.405.469.158.188.173.500.....Colitis, Collagenous
C06.405.469.158.188.173.750.....Colitis, Lymphocytic
C06.405.469.158.188.231.....Colitis, Ulcerative
C06.405.469.158.188.767.....Proctocolitis
C06.405.469.158.272.....Colonic Diseases, Functional
C06.405.469.158.272.217.....Colonic Pseudo-Obstruction
C06.405.469.158.272.608.....Irritable Bowel Syndrome
C06.405.469.158.272.804.....Neurogenic Bowel
C06.405.469.158.356.....Colorectal Neoplasms
C06.405.469.158.356.090.....Adenomatous Polyposis Coli
C06.405.469.158.356.090.500.....Gardner Syndrome
C06.405.469.158.356.180.....Colonic Neoplasms
C06.405.469.158.356.180.800.....Sigmoid Neoplasms
C06.405.469.158.356.190.....Colorectal Neoplasms, Hereditary Nonpolyposis
C06.405.469.158.587.....Diverticulosis, Colonic
C06.405.469.158.587.500.....Diverticulitis, Colonic

## 2018 MeSH Tree Hierarchy

Tree location
C06.405.469.158.701.....Megacolon
C06.405.469.158.701.439.....Hirschsprung Disease
C06.405.469.158.701.591.....Megacolon, Toxic
C06.405.469.158.850.....Sigmoid Diseases
C06.405.469.158.850.790.....Proctocolitis
C06.405.469.158.850.850.....Sigmoid Neoplasms
C06.405.469.275.....Duodenal Diseases
C06.405.469.275.270.....Duodenal Neoplasms
C06.405.469.275.395.....Duodenal Obstruction
C06.405.469.275.395.890.....Superior Mesenteric Artery Syndrome
C06.405.469.275.600.....Duodenitis
C06.405.469.275.700.....Duodenogastric Reflux
C06.405.469.275.800.....Peptic Ulcer
C06.405.469.275.800.348.....Duodenal Ulcer
C06.405.469.275.800.523.....Esophagitis, Peptic
C06.405.469.275.800.698.....Peptic Ulcer Perforation
C06.405.469.275.800.849.....Stomach Ulcer
C06.405.469.275.800.924.....Zollinger-Ellison Syndrome
C06.405.469.300.....Dysentery
C06.405.469.300.312.....Dysentery, Amebic
C06.405.469.300.479.....Dysentery, Bacillary
C06.405.469.326.....Enteritis
C06.405.469.326.750.....Duodenitis
C06.405.469.326.875.....Ileitis
C06.405.469.326.875.500.....Pouchitis
C06.405.469.363.....Enterocolitis
C06.405.469.363.700.....Enterocolitis, Necrotizing
C06.405.469.363.750.....Enterocolitis, Neutropenic
C06.405.469.363.800.....Enterocolitis, Pseudomembranous
C06.405.469.400.....HIV Enteropathy
C06.405.469.420.....Ileal Diseases
C06.405.469.420.501.....Ileal Neoplasms
C06.405.469.420.520.....Ileitis
C06.405.469.420.520.500.....Pouchitis
C06.405.469.432.....Inflammatory Bowel Diseases
C06.405.469.432.249.....Colitis, Ulcerative
C06.405.469.432.500.....Crohn Disease
C06.405.469.445.....Intestinal Atresia
C06.405.469.452.....Intestinal Diseases, Parasitic
C06.405.469.452.060.....Anisakiasis
C06.405.469.452.146.....Balantidiasis



## 2018 MeSH Tree Hierarchy

Tree location	
C06.405.469.452.250.....	Blastocystis Infections
C06.405.469.452.269.....	Cryptosporidiosis
C06.405.469.452.275.....	Dientamoebiasis
C06.405.469.452.396.....	Dysentery, Amebic
C06.405.469.452.481.....	Giardiasis
C06.405.469.471.....	Intestinal Fistula
C06.405.469.471.600.....	Rectal Fistula
C06.405.469.471.600.650.....	Rectovaginal Fistula
C06.405.469.491.....	Intestinal Neoplasms
C06.405.469.491.184.....	Cecal Neoplasms
C06.405.469.491.184.290.....	Appendiceal Neoplasms
C06.405.469.491.307.....	Colorectal Neoplasms
C06.405.469.491.307.090.....	Adenomatous Polyposis Coli
C06.405.469.491.307.090.500.....	Gardner Syndrome
C06.405.469.491.307.180.....	Colonic Neoplasms
C06.405.469.491.307.180.800.....	Sigmoid Neoplasms
C06.405.469.491.307.190.....	Colorectal Neoplasms, Hereditary Nonpolyposis
C06.405.469.491.307.790.....	Rectal Neoplasms
C06.405.469.491.307.790.040.....	Anus Neoplasms
C06.405.469.491.307.790.040.040.....	Anal Gland Neoplasms
C06.405.469.491.445.....	Duodenal Neoplasms
C06.405.469.491.501.....	Ileal Neoplasms
C06.405.469.491.505.....	Immunoproliferative Small Intestinal Disease
C06.405.469.491.523.....	Jejunal Neoplasms
C06.405.469.531.....	Intestinal Obstruction
C06.405.469.531.099.....	Afferent Loop Syndrome
C06.405.469.531.311.....	Duodenal Obstruction
C06.405.469.531.424.....	Fecal Impaction
C06.405.469.531.492.....	Ileus
C06.405.469.531.492.500.....	Intestinal Pseudo-Obstruction
C06.405.469.531.492.500.217.....	Colonic Pseudo-Obstruction
C06.405.469.531.568.....	Intestinal Volvulus
C06.405.469.531.577.....	Intussusception
C06.405.469.531.788.....	Meconium Ileus
C06.405.469.557.....	Intestinal Perforation
C06.405.469.578.....	Intestinal Polyposis
C06.405.469.578.249.....	Adenomatous Polyposis Coli
C06.405.469.578.249.393.....	Gardner Syndrome
C06.405.469.578.750.....	Peutz-Jeghers Syndrome
C06.405.469.600.....	Jejunal Diseases
C06.405.469.600.523.....	Jejunal Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C06.405.469.637.....Malabsorption Syndromes
C06.405.469.637.145.....Blind Loop Syndrome
C06.405.469.637.250.....Celiac Disease
C06.405.469.637.378.....Collagenous Sprue
C06.405.469.637.506.....Lactose Intolerance
C06.405.469.637.832.....Short Bowel Syndrome
C06.405.469.637.850.....Sprue, Tropical
C06.405.469.637.887.....Steatorrhea
C06.405.469.637.925.....Whipple Disease
C06.405.469.656.....Mesenteric Ischemia
C06.405.469.675.....Mesenteric Vascular Occlusion
C06.405.469.778.....Pneumatosis Cystoides Intestinalis
C06.405.469.818.....Protein-Losing Enteropathies
C06.405.469.860.....Rectal Diseases
C06.405.469.860.101.....Anus Diseases
C06.405.469.860.101.163.....Anus Neoplasms
C06.405.469.860.101.163.083.....Anal Gland Neoplasms
C06.405.469.860.101.430.....Fissure in Ano
C06.405.469.860.101.752.....Pruritus Ani
C06.405.469.860.180.....Colorectal Neoplasms
C06.405.469.860.180.500.....Rectal Neoplasms
C06.405.469.860.180.500.040.....Anus Neoplasms
C06.405.469.860.180.500.040.040.....Anal Gland Neoplasms
C06.405.469.860.300.....Fecal Incontinence
C06.405.469.860.401.....Hemorrhoids
C06.405.469.860.622.....Proctitis
C06.405.469.860.622.790.....Proctocolitis
C06.405.469.860.752.....Rectal Fistula
C06.405.469.860.752.650.....Rectovaginal Fistula
C06.405.469.860.800.....Rectal Prolapse
C06.405.469.860.810.....Rectocele
C06.405.469.965.....Zollinger-Ellison Syndrome
C06.405.748.....Stomach Diseases
C06.405.748.045.....Achlorhydria
C06.405.748.142.....Diverticulosis, Stomach
C06.405.748.240.....Duodenogastric Reflux
C06.405.748.240.140.....Bile Reflux
C06.405.748.280.....Gastric Antral Vascular Ectasia
C06.405.748.300.....Gastric Dilatation
C06.405.748.340.....Gastric Outlet Obstruction
C06.405.748.340.690.....Pyloric Stenosis

## 2018 MeSH Tree Hierarchy

Tree location
C06.405.748.340.690.500.....Pyloric Stenosis, Hypertrophic
C06.405.748.398.....Gastritis
C06.405.748.398.394.....Gastritis, Atrophic
C06.405.748.398.410.....Gastritis, Hypertrophic
C06.405.748.543.....Gastroparesis
C06.405.748.586.....Peptic Ulcer
C06.405.748.586.349.....Duodenal Ulcer
C06.405.748.586.524.....Esophagitis, Peptic
C06.405.748.586.698.....Peptic Ulcer Perforation
C06.405.748.586.849.....Stomach Ulcer
C06.405.748.586.924.....Zollinger-Ellison Syndrome
C06.405.748.630.....Postgastrectomy Syndromes
C06.405.748.630.310.....Dumping Syndrome
C06.405.748.789.....Stomach Neoplasms
C06.405.748.824.....Stomach Rupture
C06.405.748.895.....Stomach Volvulus
C06.405.748.947.....Zollinger-Ellison Syndrome
C06.405.874.....Tuberculosis, Gastrointestinal
C06.405.937.....Visceral Prolapse
C06.552.....Liver Diseases
C06.552.074.....alpha 1-Antitrypsin Deficiency
C06.552.150.....Cholestasis, Intrahepatic
C06.552.150.125.....Alagille Syndrome
C06.552.150.250.....Liver Cirrhosis, Biliary
C06.552.195.....Chemical and Drug Induced Liver Injury
C06.552.195.200.....Chemical and Drug Induced Liver Injury, Chronic
C06.552.241.....Fatty Liver
C06.552.241.390.....Fatty Liver, Alcoholic
C06.552.241.519.....Non-alcoholic Fatty Liver Disease
C06.552.241.649.....Reye Syndrome
C06.552.270.....Focal Nodular Hyperplasia
C06.552.308.....Hepatic Insufficiency
C06.552.308.500.....Liver Failure
C06.552.308.500.177.....End Stage Liver Disease
C06.552.308.500.356.....Hepatic Encephalopathy
C06.552.308.500.750.....Liver Failure, Acute
C06.552.308.500.750.249.....Acute-On-Chronic Liver Failure
C06.552.308.500.750.500.....Massive Hepatic Necrosis
C06.552.347.....Budd-Chiari Syndrome
C06.552.360.....Hepatic Veno-Occlusive Disease
C06.552.380.....Hepatitis

## 2018 MeSH Tree Hierarchy

Tree location
C06.552.380.290.....Hepatitis, Alcoholic
C06.552.380.315.....Hepatitis, Animal
C06.552.380.315.430.....Hepatitis, Viral, Animal
C06.552.380.315.430.440.....Hepatitis, Infectious Canine
C06.552.380.315.430.812.....Rift Valley Fever
C06.552.380.350.....Hepatitis, Chronic
C06.552.380.350.050.....Hepatitis, Autoimmune
C06.552.380.350.100.....Hepatitis B, Chronic
C06.552.380.350.120.....Hepatitis C, Chronic
C06.552.380.350.220.....Hepatitis D, Chronic
C06.552.380.705.....Hepatitis, Viral, Human
C06.552.380.705.422.....Hepatitis A
C06.552.380.705.437.....Hepatitis B
C06.552.380.705.437.100.....Hepatitis B, Chronic
C06.552.380.705.440.....Hepatitis C
C06.552.380.705.440.120.....Hepatitis C, Chronic
C06.552.380.705.450.....Hepatitis D
C06.552.380.705.450.100.....Hepatitis D, Chronic
C06.552.380.705.470.....Hepatitis E
C06.552.413.....Hepatolenticular Degeneration
C06.552.416.....Hepatomegaly
C06.552.455.....Hepatopulmonary Syndrome
C06.552.465.....Hepatorenal Syndrome
C06.552.494.....Hypertension, Portal
C06.552.494.414.....Esophageal and Gastric Varices
C06.552.597.....Liver Abscess
C06.552.597.517.....Liver Abscess, Amebic
C06.552.597.758.....Liver Abscess, Pyogenic
C06.552.630.....Liver Cirrhosis
C06.552.630.380.....Liver Cirrhosis, Alcoholic
C06.552.630.400.....Liver Cirrhosis, Biliary
C06.552.630.467.....Liver Cirrhosis, Experimental
C06.552.645.....Liver Diseases, Alcoholic
C06.552.645.390.....Fatty Liver, Alcoholic
C06.552.645.490.....Hepatitis, Alcoholic
C06.552.645.590.....Liver Cirrhosis, Alcoholic
C06.552.664.....Liver Diseases, Parasitic
C06.552.664.272.....Echinococcosis, Hepatic
C06.552.664.424.....Fascioliasis
C06.552.664.642.....Liver Abscess, Amebic
C06.552.697.....Liver Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C06.552.697.040.....Adenoma, Liver Cell
C06.552.697.160.....Carcinoma, Hepatocellular
C06.552.697.580.....Liver Neoplasms, Experimental
C06.552.802.....Peliosis Hepatis
C06.552.830.....Porphyrias, Hepatic
C06.552.830.074.....Coproporphyrinemia, Hereditary
C06.552.830.150.....Porphyria, Acute Intermittent
C06.552.830.250.....Porphyria Cutanea Tarda
C06.552.830.437.....Porphyria, Hepatoerythropoietic
C06.552.830.625.....Porphyria, Variegata
C06.552.830.812.....Protoporphyrinemia, Erythropoietic
C06.552.933.....Tuberculosis, Hepatic
C06.552.970.....Zellweger Syndrome
C06.689.....Pancreatic Diseases
C06.689.150.....Congenital Hyperinsulinism
C06.689.150.500.....Nesidioblastosis
C06.689.202.....Cystic Fibrosis
C06.689.276.....Exocrine Pancreatic Insufficiency
C06.689.500.....Pancreatic Cyst
C06.689.500.692.....Pancreatic Pseudocyst
C06.689.583.....Pancreatic Fistula
C06.689.667.....Pancreatic Neoplasms
C06.689.667.249.....Adenoma, Islet Cell
C06.689.667.249.500.....Insulinoma
C06.689.667.500.....Carcinoma, Islet Cell
C06.689.667.500.124.....Gastrinoma
C06.689.667.500.249.....Glucagonoma
C06.689.667.500.500.....Somatostatinoma
C06.689.667.500.750.....Vipoma
C06.689.667.625.....Carcinoma, Pancreatic Ductal
C06.689.750.....Pancreatitis
C06.689.750.650.....Pancreatitis, Acute Necrotizing
C06.689.750.660.....Pancreatitis, Alcoholic
C06.689.750.830.....Pancreatitis, Chronic
C06.689.750.860.....Pancreatitis, Graft
C06.844.....Peritoneal Diseases
C06.844.200.....Chylous Ascites
C06.844.400.....Hemoperitoneum
C06.844.460.....Mesenteric Ischemia
C06.844.520.....Mesenteric Lymphadenitis
C06.844.550.....Mesenteric Vascular Occlusion

## 2018 MeSH Tree Hierarchy

Tree location
C06.844.600.....Panniculitis, Peritoneal
C06.844.610.....Peritoneal Fibrosis
C06.844.620.....Peritoneal Neoplasms
C06.844.620.500.....Mesenteric Cyst
C06.844.640.....Peritonitis
C06.844.640.249.....Peritonitis, Tuberculous
C06.844.640.500.....Subphrenic Abscess
C06.844.670.....Pneumoperitoneum
C07.....Stomatognathic Diseases
C07.160.....Ankyloglossia
C07.320.....Jaw Diseases
C07.320.086.....Bisphosphonate-Associated Osteonecrosis of the Jaw
C07.320.173.....Cherubism
C07.320.391.....Granuloma, Giant Cell
C07.320.440.....Jaw Abnormalities
C07.320.440.185.....Cleft Palate
C07.320.440.457.....Micrognathism
C07.320.440.606.....Pierre Robin Syndrome
C07.320.440.655.....Prognathism
C07.320.440.827.....Retrognathia
C07.320.450.....Jaw Cysts
C07.320.450.640.....Nonodontogenic Cysts
C07.320.450.670.....Odontogenic Cysts
C07.320.450.670.130.....Basal Cell Nevus Syndrome
C07.320.450.670.275.....Dentigerous Cyst
C07.320.450.670.495.....Odontogenic Cyst, Calcifying
C07.320.450.670.513.....Periodontal Cyst
C07.320.450.670.513.811.....Radicular Cyst
C07.320.480.....Jaw, Edentulous
C07.320.480.450.....Jaw, Edentulous, Partially
C07.320.515.....Jaw Neoplasms
C07.320.515.583.....Mandibular Neoplasms
C07.320.515.601.....Maxillary Neoplasms
C07.320.515.692.....Palatal Neoplasms
C07.320.610.....Mandibular Diseases
C07.320.610.291.....Craniomandibular Disorders
C07.320.610.291.897.....Temporomandibular Joint Disorders
C07.320.610.291.897.897.....Temporomandibular Joint Dysfunction Syndrome
C07.320.610.583.....Mandibular Neoplasms
C07.320.610.655.....Prognathism
C07.320.610.827.....Retrognathia

## 2018 MeSH Tree Hierarchy

Tree location	
C07.320.660.....	Maxillary Diseases
C07.320.660.601.....	Maxillary Neoplasms
C07.320.830.....	Periapical Diseases
C07.320.830.700.....	Periapical Periodontitis
C07.320.830.700.700.....	Periapical Abscess
C07.320.830.700.740.....	Periapical Granuloma
C07.320.830.820.....	Radicular Cyst
C07.465.....	Mouth Diseases
C07.465.075.....	Behcet Syndrome
C07.465.094.....	Bell Palsy
C07.465.114.....	Burning Mouth Syndrome
C07.465.130.....	Candidiasis, Oral
C07.465.227.....	Dry Socket
C07.465.284.....	Facial Hemiatrophy
C07.465.299.....	Facial Nerve Diseases
C07.465.299.250.....	Bell Palsy
C07.465.299.375.....	Facial Hemiatrophy
C07.465.299.500.....	Facial Nerve Injuries
C07.465.299.625.....	Facial Neuralgia
C07.465.299.625.500.....	Trigeminal Nerve Diseases
C07.465.299.625.500.349.....	Trigeminal Nerve Injuries
C07.465.299.625.500.349.500.....	Lingual Nerve Injuries
C07.465.299.625.500.700.....	Trigeminal Neuralgia
C07.465.299.750.....	Herpes Zoster Oticus
C07.465.299.800.....	Melkersson-Rosenthal Syndrome
C07.465.299.825.....	Mobius Syndrome
C07.465.327.....	Facial Paralysis
C07.465.342.....	Focal Epithelial Hyperplasia
C07.465.353.....	Granulomatosis, Orofacial
C07.465.364.....	Hemifacial Spasm
C07.465.385.....	Leukoedema, Oral
C07.465.397.....	Lichen Planus, Oral
C07.465.409.....	Lip Diseases
C07.465.409.215.....	Cheilitis
C07.465.409.225.....	Cleft Lip
C07.465.409.466.....	Herpes Labialis
C07.465.409.640.....	Lip Neoplasms
C07.465.433.....	Ludwig's Angina
C07.465.466.....	Melkersson-Rosenthal Syndrome
C07.465.525.....	Mouth Abnormalities
C07.465.525.164.....	Cleft Lip

## 2018 MeSH Tree Hierarchy

Tree location
C07.465.525.185.....Cleft Palate
C07.465.525.304.....Fibromatosis, Gingival
C07.465.525.480.....Macrostomia
C07.465.525.520.....Microstomia
C07.465.525.955.....Velopharyngeal Insufficiency
C07.465.550.....Mouth, Edentulous
C07.465.550.425.....Jaw, Edentulous
C07.465.550.425.450.....Jaw, Edentulous, Partially
C07.465.565.....Mouth Neoplasms
C07.465.565.402.....Gingival Neoplasms
C07.465.565.545.....Leukoplakia, Oral
C07.465.565.545.500.....Leukoplakia, Hairy
C07.465.565.550.....Lip Neoplasms
C07.465.565.692.....Palatal Neoplasms
C07.465.565.824.....Salivary Gland Neoplasms
C07.465.565.824.695.....Parotid Neoplasms
C07.465.565.824.882.....Sublingual Gland Neoplasms
C07.465.565.824.885.....Submandibular Gland Neoplasms
C07.465.565.925.....Tongue Neoplasms
C07.465.584.....Mucositis
C07.465.604.....Noma
C07.465.614.....Oral Fistula
C07.465.614.187.....Dental Fistula
C07.465.614.421.....Oroantral Fistula
C07.465.614.655.....Salivary Gland Fistula
C07.465.625.....Oral Hemorrhage
C07.465.625.446.....Gingival Hemorrhage
C07.465.634.....Oral Manifestations
C07.465.654.....Oral Submucous Fibrosis
C07.465.672.....Oral Ulcer
C07.465.714.....Periodontal Diseases
C07.465.714.204.....Furcation Defects
C07.465.714.258.....Gingival Diseases
C07.465.714.258.250.....Gingival Hemorrhage
C07.465.714.258.409.....Gingival Neoplasms
C07.465.714.258.428.....Gingival Overgrowth
C07.465.714.258.428.200.....Fibromatosis, Gingival
C07.465.714.258.428.250.....Gingival Hyperplasia
C07.465.714.258.428.260.....Gingival Hypertrophy
C07.465.714.258.447.....Gingival Recession
C07.465.714.258.480.....Gingivitis



## 2018 MeSH Tree Hierarchy

Tree location
C07.465.714.258.480.360.....Gingival Pocket
C07.465.714.258.480.446.....Gingivitis, Necrotizing Ulcerative
C07.465.714.258.557.....Granuloma, Giant Cell
C07.465.714.258.771.....Pericoronitis
C07.465.714.282.....Peri-Implantitis
C07.465.714.306.....Periapical Diseases
C07.465.714.306.700.....Periapical Periodontitis
C07.465.714.306.700.700.....Periapical Abscess
C07.465.714.306.700.740.....Periapical Granuloma
C07.465.714.306.820.....Radicular Cyst
C07.465.714.354.....Periodontal Atrophy
C07.465.714.354.500.....Alveolar Bone Loss
C07.465.714.354.625.....Gingival Recession
C07.465.714.354.750.....Periodontal Attachment Loss
C07.465.714.470.....Periodontal Cyst
C07.465.714.533.....Periodontitis
C07.465.714.533.161.....Aggressive Periodontitis
C07.465.714.533.324.....Chronic Periodontitis
C07.465.714.533.487.....Periapical Periodontitis
C07.465.714.533.487.700.....Periapical Abscess
C07.465.714.533.487.740.....Periapical Granuloma
C07.465.714.533.650.....Periodontal Abscess
C07.465.714.533.750.....Periodontal Pocket
C07.465.714.804.....Tooth Loss
C07.465.714.836.....Tooth Migration
C07.465.714.836.535.....Mesial Movement of Teeth
C07.465.714.898.....Tooth Mobility
C07.465.780.....Ranula
C07.465.815.....Salivary Gland Diseases
C07.465.815.355.....Mikulicz' Disease
C07.465.815.470.....Parotid Diseases
C07.465.815.470.770.....Parotid Neoplasms
C07.465.815.470.800.....Parotitis
C07.465.815.470.800.630.....Mumps
C07.465.815.497.....Salivary Calculi
C07.465.815.497.325.....Salivary Duct Calculi
C07.465.815.497.500.....Salivary Gland Calculi
C07.465.815.655.....Salivary Gland Fistula
C07.465.815.718.....Salivary Gland Neoplasms
C07.465.815.718.589.....Parotid Neoplasms
C07.465.815.718.870.....Sublingual Gland Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location	
C07.465.815.718.885.....	Submandibular Gland Neoplasms
C07.465.815.793.....	Sialadenitis
C07.465.815.793.500.....	Parotitis
C07.465.815.802.....	Sialometaplasia, Necrotizing
C07.465.815.815.....	Sialorrhea
C07.465.815.882.....	Submandibular Gland Diseases
C07.465.815.882.500.....	Submandibular Gland Neoplasms
C07.465.815.929.....	Xerostomia
C07.465.815.929.669.....	Sjogren's Syndrome
C07.465.864.....	Stomatitis
C07.465.864.500.....	Stevens-Johnson Syndrome
C07.465.864.750.....	Stomatitis, Aphthous
C07.465.864.875.....	Stomatitis, Denture
C07.465.864.937.....	Stomatitis, Herpetic
C07.465.864.968.....	Vesicular Stomatitis
C07.465.910.....	Tongue Diseases
C07.465.910.280.....	Glossalgia
C07.465.910.363.....	Glossitis
C07.465.910.363.447.....	Glossitis, Benign Migratory
C07.465.910.411.....	Glossoptosis
C07.465.910.460.....	Macroglossia
C07.465.910.708.....	Tongue, Fissured
C07.465.910.791.....	Tongue, Hairy
C07.465.910.874.....	Tongue Neoplasms
C07.465.943.....	Tuberculosis, Oral
C07.550.....	Pharyngeal Diseases
C07.550.174.....	Lemierre Syndrome
C07.550.350.....	Nasopharyngeal Diseases
C07.550.350.650.....	Nasopharyngeal Neoplasms
C07.550.350.700.....	Nasopharyngitis
C07.550.745.....	Pharyngeal Neoplasms
C07.550.745.436.....	Hypopharyngeal Neoplasms
C07.550.745.650.....	Nasopharyngeal Neoplasms
C07.550.745.671.....	Oropharyngeal Neoplasms
C07.550.745.671.800.....	Tonsillar Neoplasms
C07.550.781.....	Pharyngitis
C07.550.781.500.....	Nasopharyngitis
C07.550.781.625.....	Retropharyngeal Abscess
C07.550.781.750.....	Tonsillitis
C07.550.781.750.500.....	Peritonsillar Abscess
C07.550.966.....	Velopharyngeal Insufficiency

## 2018 MeSH Tree Hierarchy

Tree location
C07.650.....Stomatognathic System Abnormalities
C07.650.500.....Maxillofacial Abnormalities
C07.650.500.229.....Dentofacial Deformities
C07.650.500.460.....Jaw Abnormalities
C07.650.500.460.185.....Cleft Palate
C07.650.500.460.457.....Micrognathism
C07.650.500.460.606.....Pierre Robin Syndrome
C07.650.500.460.655.....Prognathism
C07.650.500.460.827.....Retrognathia
C07.650.525.....Mouth Abnormalities
C07.650.525.164.....Cleft Lip
C07.650.525.185.....Cleft Palate
C07.650.525.304.....Fibromatosis, Gingival
C07.650.525.480.....Macrostomia
C07.650.525.520.....Microstomia
C07.650.525.955.....Velopharyngeal Insufficiency
C07.650.800.....Tooth Abnormalities
C07.650.800.100.....Anodontia
C07.650.800.250.....Dens in Dente
C07.650.800.255.....Dental Enamel Hypoplasia
C07.650.800.255.500.....Amelogenesis Imperfecta
C07.650.800.260.....Dentin Dysplasia
C07.650.800.270.....Dentinogenesis Imperfecta
C07.650.800.320.....Diastema
C07.650.800.370.....Fused Teeth
C07.650.800.600.....Odontodysplasia
C07.650.800.850.....Tooth, Supernumerary
C07.678.....Temporomandibular Joint Disorders
C07.678.949.....Temporomandibular Joint Dysfunction Syndrome
C07.793.....Tooth Diseases
C07.793.099.....Bruxism
C07.793.099.500.....Sleep Bruxism
C07.793.208.....Dental Deposits
C07.793.208.250.....Dental Calculus
C07.793.208.377.....Dental Plaque
C07.793.208.688.....Smear Layer
C07.793.221.....Dental Leakage
C07.793.237.....Dental Pulp Diseases
C07.793.237.252.....Dental Pulp Calcification
C07.793.237.283.....Dental Pulp Exposure
C07.793.237.315.....Dental Pulp Necrosis

## 2018 MeSH Tree Hierarchy

Tree location
C07.793.237.378.....Dentin, Secondary
C07.793.237.820.....Pulpitis
C07.793.237.910.....Tooth, Nonvital
C07.793.266.....Dentin Sensitivity
C07.793.330.....Fluorosis, Dental
C07.793.348.....Focal Infection, Dental
C07.793.422.....Hypercementosis
C07.793.494.....Malocclusion
C07.793.494.293.....Dental Occlusion, Traumatic
C07.793.494.610.....Malocclusion, Angle Class I
C07.793.494.630.....Malocclusion, Angle Class II
C07.793.494.630.500.....Overbite
C07.793.494.650.....Malocclusion, Angle Class III
C07.793.494.825.....Open Bite
C07.793.597.....Mouth, Edentulous
C07.793.597.425.....Jaw, Edentulous
C07.793.597.425.450.....Jaw, Edentulous, Partially
C07.793.700.....Tooth Abnormalities
C07.793.700.100.....Anodontia
C07.793.700.250.....Dens in Dente
C07.793.700.255.....Dental Enamel Hypoplasia
C07.793.700.255.500.....Amelogenesis Imperfecta
C07.793.700.260.....Dentin Dysplasia
C07.793.700.270.....Dentinogenesis Imperfecta
C07.793.700.320.....Diastema
C07.793.700.370.....Fused Teeth
C07.793.700.600.....Odontodysplasia
C07.793.700.850.....Tooth, Supernumerary
C07.793.710.....Tooth Ankylosis
C07.793.720.....Tooth Demineralization
C07.793.720.210.....Dental Caries
C07.793.720.210.220.....Dental Fissures
C07.793.720.210.650.....Root Caries
C07.793.735.....Tooth Discoloration
C07.793.790.....Tooth Eruption, Ectopic
C07.793.818.....Tooth Wear
C07.793.818.124.....Tooth Abrasion
C07.793.818.249.....Tooth Attrition
C07.793.818.500.....Tooth Erosion
C07.793.846.....Tooth, Impacted
C07.793.850.....Tooth Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C07.793.850.725.....Tooth Avulsion
C07.793.850.750.....Tooth Fractures
C07.793.850.750.300.....Cracked Tooth Syndrome
C07.793.870.....Tooth Loss
C07.793.901.....Tooth Resorption
C07.793.901.653.....Root Resorption
C07.793.915.....Tooth, Unerupted
C07.793.929.....Toothache
C08.....Respiratory Tract Diseases
C08.127.....Bronchial Diseases
C08.127.108.....Asthma
C08.127.108.054.....Asthma, Aspirin-Induced
C08.127.108.110.....Asthma, Exercise-Induced
C08.127.108.495.....Asthma, Occupational
C08.127.108.880.....Status Asthmaticus
C08.127.196.....Bronchial Fistula
C08.127.210.....Bronchial Hyperreactivity
C08.127.265.....Bronchial Neoplasms
C08.127.321.....Bronchial Spasm
C08.127.384.....Bronchiectasis
C08.127.384.500.....Kartagener Syndrome
C08.127.446.....Bronchitis
C08.127.446.135.....Bronchiolitis
C08.127.446.135.140.....Bronchiolitis Obliterans
C08.127.446.135.140.200.....Cryptogenic Organizing Pneumonia
C08.127.446.135.321.....Bronchiolitis, Viral
C08.127.446.567.....Bronchitis, Chronic
C08.127.480.....Bronchogenic Cyst
C08.127.509.....Bronchopneumonia
C08.127.719.....Tracheobronchomalacia
C08.127.719.500.....Bronchomalacia
C08.127.930.....Tracheobronchomegaly
C08.200.....Ciliary Motility Disorders
C08.200.531.....Kartagener Syndrome
C08.280.....Granuloma, Respiratory Tract
C08.280.400.....Granuloma, Laryngeal
C08.360.....Laryngeal Diseases
C08.360.232.....Granuloma, Laryngeal
C08.360.313.....Laryngeal Edema
C08.360.369.....Laryngeal Neoplasms
C08.360.424.....Laryngeal Nerve Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C08.360.424.500.....Recurrent Laryngeal Nerve Injuries
C08.360.535.....Laryngitis
C08.360.535.365.....Croup
C08.360.549.....Laryngocele
C08.360.563.....Laryngomalacia
C08.360.577.....Laryngopharyngeal Reflux
C08.360.591.....Laryngostenosis
C08.360.840.....Supraglottitis
C08.360.860.....Tuberculosis, Laryngeal
C08.360.895.....Vocal Cord Dysfunction
C08.360.895.500.....Laryngismus
C08.360.931.....Vocal Cord Paralysis
C08.360.940.....Voice Disorders
C08.360.940.160.....Aphonia
C08.360.940.325.....Dysphonia
C08.360.940.490.....Hoarseness
C08.381.....Lung Diseases
C08.381.074.....Acute Chest Syndrome
C08.381.112.....alpha 1-Antitrypsin Deficiency
C08.381.150.....Cystic Adenomatoid Malformation of Lung, Congenital
C08.381.187.....Cystic Fibrosis
C08.381.348.....Hemoptysis
C08.381.385.....Hepatopulmonary Syndrome
C08.381.423.....Hypertension, Pulmonary
C08.381.423.694.....Persistent Fetal Circulation Syndrome
C08.381.423.847.....Familial Primary Pulmonary Hypertension
C08.381.450.....Lung Abscess
C08.381.472.....Lung Diseases, Fungal
C08.381.472.350.....Blastomycosis
C08.381.472.700.....Pneumonia, Pneumocystis
C08.381.472.850.....Pulmonary Aspergillosis
C08.381.472.850.500.....Aspergillosis, Allergic Bronchopulmonary
C08.381.472.850.750.....Invasive Pulmonary Aspergillosis
C08.381.483.....Lung Diseases, Interstitial
C08.381.483.125.....Alveolitis, Extrinsic Allergic
C08.381.483.125.125.....Bird Fancier's Lung
C08.381.483.125.365.....Farmer's Lung
C08.381.483.125.682.....Silo Filler's Disease
C08.381.483.125.841.....Trichosporonosis
C08.381.483.156.....Anti-Glomerular Basement Membrane Disease
C08.381.483.375.....Histiocytosis, Langerhans-Cell

## 2018 MeSH Tree Hierarchy

Tree location
C08.381.483.375.500.....Eosinophilic Granuloma
C08.381.483.487.....Idiopathic Interstitial Pneumonias
C08.381.483.487.249.....Cryptogenic Organizing Pneumonia
C08.381.483.487.500.....Idiopathic Pulmonary Fibrosis
C08.381.483.581.....Pneumoconiosis
C08.381.483.581.062.....Anthracosis
C08.381.483.581.062.500.....Anthracosilicosis
C08.381.483.581.125.....Asbestosis
C08.381.483.581.225.....Berylliosis
C08.381.483.581.275.....Byssinosis
C08.381.483.581.300.....Caplan Syndrome
C08.381.483.581.750.....Siderosis
C08.381.483.581.760.....Silicosis
C08.381.483.581.760.125.....Anthracosilicosis
C08.381.483.581.760.750.....Silicotuberculosis
C08.381.483.675.....Radiation Pneumonitis
C08.381.483.725.....Sarcoidosis, Pulmonary
C08.381.483.950.....Granulomatosis with Polyangiitis
C08.381.495.....Lung Diseases, Obstructive
C08.381.495.108.....Asthma
C08.381.495.146.....Bronchitis
C08.381.495.146.135.....Bronchiolitis
C08.381.495.146.135.140.....Bronchiolitis Obliterans
C08.381.495.146.135.140.200.....Cryptogenic Organizing Pneumonia
C08.381.495.146.135.321.....Bronchiolitis, Viral
C08.381.495.146.567.....Bronchitis, Chronic
C08.381.495.389.....Pulmonary Disease, Chronic Obstructive
C08.381.495.389.500.....Bronchitis, Chronic
C08.381.495.389.750.....Pulmonary Emphysema
C08.381.517.....Lung Diseases, Parasitic
C08.381.517.314.....Echinococcosis, Pulmonary
C08.381.520.....Lung Injury
C08.381.520.500.....Acute Lung Injury
C08.381.520.500.500.....Transfusion-Related Acute Lung Injury
C08.381.520.687.....Meconium Aspiration Syndrome
C08.381.520.702.....Pneumoconiosis
C08.381.520.702.062.....Anthracosis
C08.381.520.702.062.500.....Anthracosilicosis
C08.381.520.702.125.....Asbestosis
C08.381.520.702.225.....Berylliosis
C08.381.520.702.275.....Byssinosis

## 2018 MeSH Tree Hierarchy

Tree location
C08.381.520.702.300.....Caplan Syndrome
C08.381.520.702.750.....Siderosis
C08.381.520.702.760.....Silicosis
C08.381.520.702.760.125.....Anthracosilicosis
C08.381.520.702.760.750.....Silicotuberculosis
C08.381.520.734.....Radiation Pneumonitis
C08.381.520.750.....Ventilator-Induced Lung Injury
C08.381.520.750.500.....Bronchopulmonary Dysplasia
C08.381.520.750.750.....Pneumonia, Ventilator-Associated
C08.381.540.....Lung Neoplasms
C08.381.540.140.....Carcinoma, Bronchogenic
C08.381.540.140.500.....Carcinoma, Non-Small-Cell Lung
C08.381.540.140.750.....Small Cell Lung Carcinoma
C08.381.540.148.....Multiple Pulmonary Nodules
C08.381.540.734.....Pancoast Syndrome
C08.381.540.867.....Pulmonary Sclerosing Hemangioma
C08.381.570.....Lung, Hyperlucent
C08.381.600.....Plasma Cell Granuloma, Pulmonary
C08.381.677.....Pneumonia
C08.381.677.127.....Bronchopneumonia
C08.381.677.473.....Pleuropneumonia
C08.381.677.529.....Pneumonia, Aspiration
C08.381.677.529.612.....Pneumonia, Lipid
C08.381.677.540.....Pneumonia, Bacterial
C08.381.677.540.249.....Chlamydial Pneumonia
C08.381.677.540.500.....Pneumonia, Mycoplasma
C08.381.677.540.530.....Pneumonia of Calves, Enzootic
C08.381.677.540.540.....Pneumonia of Swine, Mycoplasmal
C08.381.677.540.550.....Pneumonia, Pneumococcal
C08.381.677.540.600.....Pneumonia, Rickettsial
C08.381.677.540.620.....Pneumonia, Staphylococcal
C08.381.677.608.....Pneumonia, Necrotizing
C08.381.677.675.....Pneumonia, Pneumocystis
C08.381.677.800.....Pneumonia, Ventilator-Associated
C08.381.677.807.....Pneumonia, Viral
C08.381.719.....Pulmonary Alveolar Proteinosis
C08.381.730.....Pulmonary Atelectasis
C08.381.730.542.....Middle Lobe Syndrome
C08.381.742.....Pulmonary Edema
C08.381.746.....Pulmonary Embolism
C08.381.746.500.....Pulmonary Infarction



## 2018 MeSH Tree Hierarchy

Tree location	
C08.381.750.....	Pulmonary Eosinophilia
C08.381.765.....	Pulmonary Fibrosis
C08.381.765.500.....	Idiopathic Pulmonary Fibrosis
C08.381.780.....	Pulmonary Veno-Occlusive Disease
C08.381.840.....	Respiratory Distress Syndrome, Adult
C08.381.842.....	Respiratory Distress Syndrome, Newborn
C08.381.842.475.....	Hyaline Membrane Disease
C08.381.842.737.....	Transient Tachypnea of the Newborn
C08.381.844.....	Scimitar Syndrome
C08.381.884.....	Solitary Pulmonary Nodule
C08.381.922.....	Tuberculosis, Pulmonary
C08.381.922.669.....	Silicotuberculosis
C08.460.....	Nose Diseases
C08.460.171.....	Choanal Atresia
C08.460.261.....	Epistaxis
C08.460.393.....	Granuloma, Lethal Midline
C08.460.525.....	Nasal Obstruction
C08.460.572.....	Nasal Polyps
C08.460.595.....	Nasal Septal Perforation
C08.460.619.....	Nose Deformities, Acquired
C08.460.669.....	Nose Neoplasms
C08.460.669.693.....	Paranasal Sinus Neoplasms
C08.460.669.693.575.....	Maxillary Sinus Neoplasms
C08.460.692.....	Paranasal Sinus Diseases
C08.460.692.503.....	Paranasal Sinus Neoplasms
C08.460.692.503.503.....	Maxillary Sinus Neoplasms
C08.460.692.752.....	Sinusitis
C08.460.692.752.267.....	Ethmoid Sinusitis
C08.460.692.752.387.....	Frontal Sinusitis
C08.460.692.752.578.....	Maxillary Sinusitis
C08.460.692.752.827.....	Sphenoid Sinusitis
C08.460.799.....	Rhinitis
C08.460.799.315.....	Rhinitis, Allergic
C08.460.799.315.500.....	Rhinitis, Allergic, Perennial
C08.460.799.315.750.....	Rhinitis, Allergic, Seasonal
C08.460.799.649.....	Rhinitis, Atrophic
C08.460.799.910.....	Rhinitis, Vasomotor
C08.460.850.....	Rhinoscleroma
C08.528.....	Pleural Diseases
C08.528.142.....	Chylothorax
C08.528.240.....	Empyema, Pleural

## 2018 MeSH Tree Hierarchy

Tree location
C08.528.240.320.....Empyema, Tuberculous
C08.528.338.....Hemopneumothorax
C08.528.380.....Hemothorax
C08.528.434.....Hydropneumothorax
C08.528.476.....Hydrothorax
C08.528.652.....Pleural Effusion
C08.528.652.700.....Pleural Effusion, Malignant
C08.528.694.....Pleural Neoplasms
C08.528.694.700.....Pleural Effusion, Malignant
C08.528.735.....Pleurisy
C08.528.735.473.....Pleuropneumonia
C08.528.778.....Pneumothorax
C08.528.928.....Tuberculosis, Pleural
C08.528.928.405.....Empyema, Tuberculous
C08.618.....Respiration Disorders
C08.618.009.....Acute Chest Syndrome
C08.618.020.....Altitude Sickness
C08.618.085.....Apnea
C08.618.085.852.....Sleep Apnea Syndromes
C08.618.085.852.800.....Sleep Apnea, Central
C08.618.085.852.850.....Sleep Apnea, Obstructive
C08.618.085.852.850.500.....Obesity Hypoventilation Syndrome
C08.618.182.....Cheyne-Stokes Respiration
C08.618.248.....Cough
C08.618.326.....Dyspnea
C08.618.326.396.....Dyspnea, Paroxysmal
C08.618.490.....Hoarseness
C08.618.490.500.....Lipoid Proteinosis of Urbach and Wiethe
C08.618.501.....Hyperventilation
C08.618.501.271.....Alkalosis, Respiratory
C08.618.580.....Meconium Aspiration Syndrome
C08.618.659.....Mouth Breathing
C08.618.749.....Respiratory Aspiration
C08.618.749.500.....Respiratory Aspiration of Gastric Contents
C08.618.840.....Respiratory Distress Syndrome, Adult
C08.618.842.....Respiratory Distress Syndrome, Newborn
C08.618.842.475.....Hyaline Membrane Disease
C08.618.842.737.....Transient Tachypnea of the Newborn
C08.618.846.....Respiratory Insufficiency
C08.618.846.093.....Acidosis, Respiratory
C08.618.846.185.....Airway Obstruction

## 2018 MeSH Tree Hierarchy

Tree location
C08.618.846.185.525.....Nasal Obstruction
C08.618.846.414.....Granuloma, Laryngeal
C08.618.846.450.....Hantavirus Pulmonary Syndrome
C08.618.846.565.....Hypoventilation
C08.618.846.565.500.....Obesity Hypoventilation Syndrome
C08.618.846.600.....Infantile Apparent Life-Threatening Event
C08.618.846.688.....Positive-Pressure Respiration, Intrinsic
C08.618.846.812.....Respiratory Paralysis
C08.618.923.....Sarcoglycanopathies
C08.618.961.....Tachypnea
C08.618.961.500.....Transient Tachypnea of the Newborn
C08.618.980.....Vocal Cord Dysfunction
C08.618.980.500.....Laryngismus
C08.674.....Respiratory Hypersensitivity
C08.674.055.....Alveolitis, Extrinsic Allergic
C08.674.055.125.....Bird Fancier's Lung
C08.674.055.365.....Farmer's Lung
C08.674.055.682.....Trichosporonosis
C08.674.060.....Aspergillosis, Allergic Bronchopulmonary
C08.674.095.....Asthma
C08.674.095.054.....Asthma, Aspirin-Induced
C08.674.095.110.....Asthma, Exercise-Induced
C08.674.095.495.....Asthma, Occupational
C08.674.095.880.....Status Asthmaticus
C08.674.453.....Rhinitis, Allergic
C08.674.453.500.....Rhinitis, Allergic, Perennial
C08.674.453.750.....Rhinitis, Allergic, Seasonal
C08.695.....Respiratory System Abnormalities
C08.695.195.....Bronchogenic Cyst
C08.695.214.....Bronchopulmonary Sequestration
C08.695.271.....Choanal Atresia
C08.695.290.....Cystic Adenomatoid Malformation of Lung, Congenital
C08.695.501.....Kartagener Syndrome
C08.695.520.....Laryngocele
C08.695.815.....Scimitar Syndrome
C08.695.830.....Tracheobronchomegaly
C08.702.....Respiratory Tract Fistula
C08.702.196.....Bronchial Fistula
C08.702.750.....Tracheoesophageal Fistula
C08.730.....Respiratory Tract Infections
C08.730.085.....Bovine Respiratory Disease Complex

## 2018 MeSH Tree Hierarchy

Tree location	
C08.730.085.600.....	Pasteurellosis, Pneumonic
C08.730.085.660.....	Pneumonia, Atypical Interstitial, of Cattle
C08.730.085.675.....	Pneumonia of Calves, Enzootic
C08.730.099.....	Bronchitis
C08.730.099.135.....	Bronchiolitis
C08.730.099.135.321.....	Bronchiolitis, Viral
C08.730.099.567.....	Bronchitis, Chronic
C08.730.162.....	Common Cold
C08.730.265.....	Empyema, Pleural
C08.730.265.320.....	Empyema, Tuberculous
C08.730.310.....	Influenza, Human
C08.730.368.....	Laryngitis
C08.730.382.....	Legionellosis
C08.730.382.380.....	Legionnaires' Disease
C08.730.407.....	Lung Abscess
C08.730.435.....	Lung Diseases, Fungal
C08.730.435.090.....	Aspergillosis, Allergic Bronchopulmonary
C08.730.435.395.....	Blastomycosis
C08.730.435.700.....	Pneumonia, Pneumocystis
C08.730.450.....	Lung Diseases, Parasitic
C08.730.450.314.....	Echinococcosis, Pulmonary
C08.730.561.....	Pharyngitis
C08.730.561.500.....	Nasopharyngitis
C08.730.561.625.....	Retropharyngeal Abscess
C08.730.561.750.....	Tonsillitis
C08.730.561.750.500.....	Peritonsillar Abscess
C08.730.582.....	Pleurisy
C08.730.582.473.....	Pleuropneumonia
C08.730.610.....	Pneumonia
C08.730.610.127.....	Bronchopneumonia
C08.730.610.473.....	Pleuropneumonia
C08.730.610.529.....	Pneumonia, Aspiration
C08.730.610.529.612.....	Pneumonia, Lipid
C08.730.610.540.....	Pneumonia, Bacterial
C08.730.610.540.249.....	Chlamydial Pneumonia
C08.730.610.540.500.....	Pneumonia, Mycoplasma
C08.730.610.540.530.....	Pneumonia of Calves, Enzootic
C08.730.610.540.540.....	Pneumonia of Swine, Mycoplasmal
C08.730.610.540.550.....	Pneumonia, Pneumococcal
C08.730.610.540.600.....	Pneumonia, Rickettsial
C08.730.610.540.620.....	Pneumonia, Staphylococcal

## 2018 MeSH Tree Hierarchy

Tree location
C08.730.610.608.....Pneumonia, Necrotizing
C08.730.610.675.....Pneumonia, Pneumocystis
C08.730.610.750.....Pneumonia, Ventilator-Associated
C08.730.610.763.....Pneumonia, Viral
C08.730.674.....Rhinitis
C08.730.702.....Rhinoscleroma
C08.730.730.....Severe Acute Respiratory Syndrome
C08.730.749.....Sinusitis
C08.730.749.267.....Ethmoid Sinusitis
C08.730.749.387.....Frontal Sinusitis
C08.730.749.578.....Maxillary Sinusitis
C08.730.749.827.....Sphenoid Sinusitis
C08.730.798.....Supraglottitis
C08.730.798.200.....Epiglottitis
C08.730.848.....Tracheitis
C08.730.860.....Tuberculosis, Laryngeal
C08.730.912.....Tuberculosis, Pleural
C08.730.912.405.....Empyema, Tuberculous
C08.730.939.....Tuberculosis, Pulmonary
C08.730.939.669.....Silicotuberculosis
C08.730.969.....Whooping Cough
C08.785.....Respiratory Tract Neoplasms
C08.785.481.....Laryngeal Neoplasms
C08.785.520.....Lung Neoplasms
C08.785.520.100.....Bronchial Neoplasms
C08.785.520.100.220.....Carcinoma, Bronchogenic
C08.785.520.100.220.500.....Carcinoma, Non-Small-Cell Lung
C08.785.520.100.220.750.....Small Cell Lung Carcinoma
C08.785.520.148.....Multiple Pulmonary Nodules
C08.785.520.734.....Pancoast Syndrome
C08.785.520.867.....Pulmonary Sclerosing Hemangioma
C08.785.600.....Nose Neoplasms
C08.785.600.693.....Paranasal Sinus Neoplasms
C08.785.600.693.575.....Maxillary Sinus Neoplasms
C08.785.640.....Pleural Neoplasms
C08.785.640.700.....Pleural Effusion, Malignant
C08.785.760.....Tracheal Neoplasms
C08.846.....Thoracic Diseases
C08.846.187.....Mediastinal Diseases
C08.846.187.145.....Mediastinal Cyst
C08.846.187.290.....Mediastinal Emphysema

## 2018 MeSH Tree Hierarchy

Tree location
C08.846.187.580.....Mediastinal Neoplasms
C08.846.187.790.....Mediastinitis
C08.907.....Tracheal Diseases
C08.907.563.....Tracheal Neoplasms
C08.907.663.....Tracheal Stenosis
C08.907.763.....Tracheitis
C08.907.796.....Tracheobronchomalacia
C08.907.796.500.....Tracheomalacia
C08.907.830.....Tracheobronchomegaly
C08.907.863.....Tracheoesophageal Fistula
C09.....Otorhinolaryngologic Diseases
C09.150.....Ciliary Motility Disorders
C09.150.531.....Kartagener Syndrome
C09.218.....Ear Diseases
C09.218.200.....Cholesteatoma, Middle Ear
C09.218.235.....Congenital Microtia
C09.218.271.....Ear Deformities, Acquired
C09.218.334.....Ear Neoplasms
C09.218.350.....Earache
C09.218.458.....Hearing Disorders
C09.218.458.341.....Hearing Loss
C09.218.458.341.186.....Deafness
C09.218.458.341.186.500.....Deaf-Blind Disorders
C09.218.458.341.186.500.500.....Usher Syndromes
C09.218.458.341.186.500.750.....Wolfram Syndrome
C09.218.458.341.374.....Hearing Loss, Bilateral
C09.218.458.341.562.....Hearing Loss, Conductive
C09.218.458.341.750.....Hearing Loss, Functional
C09.218.458.341.812.....Hearing Loss, High-Frequency
C09.218.458.341.849.....Hearing Loss, Mixed Conductive-Sensorineural
C09.218.458.341.887.....Hearing Loss, Sensorineural
C09.218.458.341.887.432.....Hearing Loss, Central
C09.218.458.341.887.460.....Hearing Loss, Noise-Induced
C09.218.458.341.887.772.....Presbycusis
C09.218.458.341.887.886.....Usher Syndromes
C09.218.458.341.900.....Hearing Loss, Sudden
C09.218.458.341.950.....Hearing Loss, Unilateral
C09.218.458.505.....Hyperacusis
C09.218.458.670.....Tinnitus
C09.218.513.....Herpes Zoster Oticus
C09.218.568.....Labyrinth Diseases

## 2018 MeSH Tree Hierarchy

Tree location
C09.218.568.120.....Cochlear Diseases
C09.218.568.217.....Endolymphatic Hydrops
C09.218.568.217.500.....Meniere Disease
C09.218.568.558.....Labyrinthitis
C09.218.568.900.....Vestibular Diseases
C09.218.568.900.442.....Bilateral Vestibulopathy
C09.218.568.900.883.....Vertigo
C09.218.568.900.883.500.....Benign Paroxysmal Positional Vertigo
C09.218.636.....Myringosclerosis
C09.218.705.....Otitis
C09.218.705.371.....Labyrinthitis
C09.218.705.496.....Otitis Externa
C09.218.705.663.....Otitis Media
C09.218.705.663.652.....Mastoiditis
C09.218.705.663.680.....Otitis Media, Suppurative
C09.218.705.663.683.....Otitis Media with Effusion
C09.218.705.663.841.....Petrositis
C09.218.736.....Otomycosis
C09.218.768.....Otosclerosis
C09.218.807.....Retrocochlear Diseases
C09.218.807.186.....Auditory Diseases, Central
C09.218.807.186.094.....Auditory Perceptual Disorders
C09.218.807.186.432.....Hearing Loss, Central
C09.218.807.800.....Vestibulocochlear Nerve Diseases
C09.218.807.800.675.....Neuroma, Acoustic
C09.218.807.800.675.500.....Neurofibromatosis 2
C09.218.807.800.837.....Vestibular Neuronitis
C09.218.807.800.918.....Vestibulocochlear Nerve Injuries
C09.218.855.....Susac Syndrome
C09.218.903.....Tympanic Membrane Perforation
C09.400.....Laryngeal Diseases
C09.400.232.....Granuloma, Laryngeal
C09.400.313.....Laryngeal Edema
C09.400.369.....Laryngeal Neoplasms
C09.400.424.....Laryngeal Nerve Injuries
C09.400.424.500.....Recurrent Laryngeal Nerve Injuries
C09.400.535.....Laryngitis
C09.400.535.365.....Croup
C09.400.549.....Laryngocele
C09.400.563.....Laryngomalacia
C09.400.591.....Laryngostenosis

## 2018 MeSH Tree Hierarchy

Tree location	
C09.400.840.....	Supraglottitis
C09.400.860.....	Tuberculosis, Laryngeal
C09.400.895.....	Vocal Cord Dysfunction
C09.400.895.500.....	Laryngismus
C09.400.931.....	Vocal Cord Paralysis
C09.400.940.....	Voice Disorders
C09.400.940.160.....	Aphonia
C09.400.940.325.....	Dysphonia
C09.400.940.490.....	Hoarseness
C09.603.....	Nose Diseases
C09.603.171.....	Choanal Atresia
C09.603.261.....	Epistaxis
C09.603.393.....	Granuloma, Lethal Midline
C09.603.525.....	Nasal Obstruction
C09.603.557.....	Nasal Polyps
C09.603.588.....	Nasal Septal Perforation
C09.603.619.....	Nose Deformities, Acquired
C09.603.669.....	Nose Neoplasms
C09.603.669.693.....	Paranasal Sinus Neoplasms
C09.603.669.693.575.....	Maxillary Sinus Neoplasms
C09.603.692.....	Paranasal Sinus Diseases
C09.603.692.503.....	Paranasal Sinus Neoplasms
C09.603.692.503.503.....	Maxillary Sinus Neoplasms
C09.603.692.752.....	Sinusitis
C09.603.692.752.267.....	Ethmoid Sinusitis
C09.603.692.752.387.....	Frontal Sinusitis
C09.603.692.752.578.....	Maxillary Sinusitis
C09.603.692.752.827.....	Sphenoid Sinusitis
C09.603.799.....	Rhinitis
C09.603.799.315.....	Rhinitis, Allergic
C09.603.799.315.500.....	Rhinitis, Allergic, Perennial
C09.603.799.315.750.....	Rhinitis, Allergic, Seasonal
C09.603.799.649.....	Rhinitis, Atrophic
C09.603.799.910.....	Rhinitis, Vasomotor
C09.603.850.....	Rhinoscleroma
C09.647.....	Otorhinolaryngologic Neoplasms
C09.647.312.....	Ear Neoplasms
C09.647.481.....	Laryngeal Neoplasms
C09.647.675.....	Neuroma, Acoustic
C09.647.675.500.....	Neurofibromatosis 2
C09.647.685.....	Nose Neoplasms



## 2018 MeSH Tree Hierarchy

Tree location
C09.647.685.693.....Paranasal Sinus Neoplasms
C09.647.685.693.575.....Maxillary Sinus Neoplasms
C09.647.710.....Pharyngeal Neoplasms
C09.647.710.485.....Hypopharyngeal Neoplasms
C09.647.710.650.....Nasopharyngeal Neoplasms
C09.647.710.685.....Oropharyngeal Neoplasms
C09.647.710.685.800.....Tonsillar Neoplasms
C09.775.....Pharyngeal Diseases
C09.775.174.....Deglutition Disorders
C09.775.262.....Lemierre Syndrome
C09.775.350.....Nasopharyngeal Diseases
C09.775.350.650.....Nasopharyngeal Neoplasms
C09.775.350.700.....Nasopharyngitis
C09.775.549.....Pharyngeal Neoplasms
C09.775.549.485.....Hypopharyngeal Neoplasms
C09.775.549.650.....Nasopharyngeal Neoplasms
C09.775.549.685.....Oropharyngeal Neoplasms
C09.775.549.685.800.....Tonsillar Neoplasms
C09.775.649.....Pharyngitis
C09.775.649.500.....Nasopharyngitis
C09.775.649.625.....Retropharyngeal Abscess
C09.775.649.750.....Tonsillitis
C09.775.649.750.500.....Peritonsillar Abscess
C09.775.955.....Velopharyngeal Insufficiency
C10.....Nervous System Diseases
C10.114.....Autoimmune Diseases of the Nervous System
C10.114.375.....Demyelinating Autoimmune Diseases, CNS
C10.114.375.112.....Diffuse Cerebral Sclerosis of Schilder
C10.114.375.225.....Encephalomyelitis, Acute Disseminated
C10.114.375.225.500.....Leukoencephalitis, Acute Hemorrhagic
C10.114.375.362.....Leukoencephalitis, Acute Hemorrhagic
C10.114.375.500.....Multiple Sclerosis
C10.114.375.500.200.....Multiple Sclerosis, Chronic Progressive
C10.114.375.500.600.....Multiple Sclerosis, Relapsing-Remitting
C10.114.375.600.....Myelitis, Transverse
C10.114.375.600.500.....Neuromyelitis Optica
C10.114.375.800.....Neuromyelitis Optica
C10.114.468.....Lambert-Eaton Myasthenic Syndrome
C10.114.656.....Myasthenia Gravis
C10.114.656.300.....Myasthenia Gravis, Autoimmune, Experimental
C10.114.656.650.....Myasthenia Gravis, Neonatal

## 2018 MeSH Tree Hierarchy

Tree location	
C10.114.703.....	Nervous System Autoimmune Disease, Experimental
C10.114.703.300.....	Encephalomyelitis, Autoimmune, Experimental
C10.114.703.350.....	Myasthenia Gravis, Autoimmune, Experimental
C10.114.703.700.....	Neuritis, Autoimmune, Experimental
C10.114.750.....	Polyradiculoneuropathy
C10.114.750.100.....	Guillain-Barre Syndrome
C10.114.750.100.500.....	Miller Fisher Syndrome
C10.114.750.175.....	Polyradiculoneuropathy, Chronic Inflammatory Demyelinating
C10.114.812.....	Stiff-Person Syndrome
C10.114.843.....	Uveomeningoencephalitic Syndrome
C10.114.875.....	Vasculitis, Central Nervous System
C10.114.875.175.....	AIDS Arteritis, Central Nervous System
C10.114.875.700.....	Giant Cell Arteritis
C10.114.875.850.....	Lupus Vasculitis, Central Nervous System
C10.177.....	Autonomic Nervous System Diseases
C10.177.045.....	Adie Syndrome
C10.177.090.....	Autonomic Dysreflexia
C10.177.195.....	Complex Regional Pain Syndromes
C10.177.195.200.....	Causalgia
C10.177.195.800.....	Reflex Sympathetic Dystrophy
C10.177.350.....	Horner Syndrome
C10.177.575.....	Primary Dysautonomias
C10.177.575.300.....	Dysautonomia, Familial
C10.177.575.550.....	Multiple System Atrophy
C10.177.575.550.375.....	Olivopontocerebellar Atrophies
C10.177.575.550.750.....	Shy-Drager Syndrome
C10.177.575.550.875.....	Striatonigral Degeneration
C10.177.575.600.....	Orthostatic Intolerance
C10.177.575.600.450.....	Hypotension, Orthostatic
C10.177.575.600.537.....	Post-Exercise Hypotension
C10.177.575.600.625.....	Postural Orthostatic Tachycardia Syndrome
C10.177.575.600.800.....	Syncope, Vasovagal
C10.177.575.650.....	Pure Autonomic Failure
C10.177.825.....	Sweating, Gustatory
C10.228.....	Central Nervous System Diseases
C10.228.140.....	Brain Diseases
C10.228.140.021.....	Acute Febrile Encephalopathy
C10.228.140.042.....	Akinetic Mutism
C10.228.140.055.....	Amblyopia
C10.228.140.060.....	Amnesia, Transient Global
C10.228.140.068.....	Auditory Diseases, Central

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.068.094.....Auditory Perceptual Disorders
C10.228.140.068.432.....Hearing Loss, Central
C10.228.140.079.....Basal Ganglia Diseases
C10.228.140.079.127.....Basal Ganglia Cerebrovascular Disease
C10.228.140.079.127.500.....Basal Ganglia Hemorrhage
C10.228.140.079.127.500.500.....Putaminal Hemorrhage
C10.228.140.079.294.....Chorea Gravidarum
C10.228.140.079.357.....Dystonia Musculorum Deformans
C10.228.140.079.493.....Hepatolenticular Degeneration
C10.228.140.079.545.....Huntington Disease
C10.228.140.079.590.....Meige Syndrome
C10.228.140.079.612.....Multiple System Atrophy
C10.228.140.079.612.600.....Olivopontocerebellar Atrophies
C10.228.140.079.612.700.....Shy-Drager Syndrome
C10.228.140.079.612.800.....Striatonigral Degeneration
C10.228.140.079.737.....Neuroleptic Malignant Syndrome
C10.228.140.079.800.....Pantothenate Kinase-Associated Neurodegeneration
C10.228.140.079.862.....Parkinsonian Disorders
C10.228.140.079.862.400.....Lewy Body Disease
C10.228.140.079.862.500.....Parkinson Disease
C10.228.140.079.862.800.....Parkinson Disease, Secondary
C10.228.140.079.862.800.300.....MPTP Poisoning
C10.228.140.079.862.800.600.....Parkinson Disease, Postencephalitic
C10.228.140.079.882.....Supranuclear Palsy, Progressive
C10.228.140.079.898.....Tourette Syndrome
C10.228.140.116.....Brain Abscess
C10.228.140.116.800.....Toxoplasmosis, Cerebral
C10.228.140.140.....Brain Damage, Chronic
C10.228.140.140.127.....Brain Injury, Chronic
C10.228.140.140.254.....Cerebral Palsy
C10.228.140.140.627.....Persistent Vegetative State
C10.228.140.151.....Brain Death
C10.228.140.163.....Brain Diseases, Metabolic
C10.228.140.163.100.....Brain Diseases, Metabolic, Inborn
C10.228.140.163.100.084.....Adrenoleukodystrophy
C10.228.140.163.100.168.....Cerebral Amyloid Angiopathy, Familial
C10.228.140.163.100.320.....Galactosemias
C10.228.140.163.100.355.....Hartnup Disease
C10.228.140.163.100.360.....Hepatolenticular Degeneration
C10.228.140.163.100.362.....Hereditary Central Nervous System Demyelinating Diseases
C10.228.140.163.100.362.250.....Adrenoleukodystrophy

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.163.100.362.312.....Alexander Disease
C10.228.140.163.100.362.375.....Canavan Disease
C10.228.140.163.100.362.500.....Leukodystrophy, Globoid Cell
C10.228.140.163.100.362.550.....Leukodystrophy, Metachromatic
C10.228.140.163.100.362.775.....Pelizaeus-Merzbacher Disease
C10.228.140.163.100.365.....Homocystinuria
C10.228.140.163.100.375.....Hyperglycinemia, Nonketotic
C10.228.140.163.100.380.....Hyperlysinemias
C10.228.140.163.100.412.....Leigh Disease
C10.228.140.163.100.425.....Lesch-Nyhan Syndrome
C10.228.140.163.100.435.....Lysosomal Storage Diseases, Nervous System
C10.228.140.163.100.435.295.....Fucosidosis
C10.228.140.163.100.435.340.....Glycogen Storage Disease Type II
C10.228.140.163.100.435.590.....Mucopolidoses
C10.228.140.163.100.435.810.....Sialic Acid Storage Disease
C10.228.140.163.100.435.825.....Sphingolipidoses
C10.228.140.163.100.435.825.200.....Fabry Disease
C10.228.140.163.100.435.825.250.....Farber Lipogranulomatosis
C10.228.140.163.100.435.825.300.....Gangliosidoses
C10.228.140.163.100.435.825.300.300.....Gangliosidoses, GM2
C10.228.140.163.100.435.825.300.300.249.....Sandhoff Disease
C10.228.140.163.100.435.825.300.300.500.....Tay-Sachs Disease
C10.228.140.163.100.435.825.300.300.750.....Tay-Sachs Disease, AB Variant
C10.228.140.163.100.435.825.300.400.....Gangliosidosis, GM1
C10.228.140.163.100.435.825.400.....Gaucher Disease
C10.228.140.163.100.435.825.590.....Leukodystrophy, Globoid Cell
C10.228.140.163.100.435.825.700.....Niemann-Pick Diseases
C10.228.140.163.100.435.825.700.500.....Niemann-Pick Disease, Type A
C10.228.140.163.100.435.825.700.750.....Niemann-Pick Disease, Type B
C10.228.140.163.100.435.825.700.875.....Niemann-Pick Disease, Type C
C10.228.140.163.100.435.825.775.....Sea-Blue Histiocyte Syndrome
C10.228.140.163.100.435.825.850.....Sulfatidosis
C10.228.140.163.100.435.825.850.500.....Leukodystrophy, Metachromatic
C10.228.140.163.100.435.825.850.750.....Multiple Sulfatase Deficiency Disease
C10.228.140.163.100.520.....Maple Syrup Urine Disease
C10.228.140.163.100.535.....MELAS Syndrome
C10.228.140.163.100.540.....Menkes Kinky Hair Syndrome
C10.228.140.163.100.545.....MERRF Syndrome
C10.228.140.163.100.593.....Mevalonate Kinase Deficiency
C10.228.140.163.100.640.....Oculocerebrorenal Syndrome
C10.228.140.163.100.687.....Phenylketonurias

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.163.100.687.500.....Phenylketonuria, Maternal
C10.228.140.163.100.725.....Pyruvate Carboxylase Deficiency Disease
C10.228.140.163.100.750.....Pyruvate Dehydrogenase Complex Deficiency Disease
C10.228.140.163.100.813.....Refsum Disease
C10.228.140.163.100.844.....Refsum Disease, Infantile
C10.228.140.163.100.875.....Tyrosinemias
C10.228.140.163.100.937.....Urea Cycle Disorders, Inborn
C10.228.140.163.100.937.124.....Argininosuccinic Aciduria
C10.228.140.163.100.937.249.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C10.228.140.163.100.937.374.....Citrullinemia
C10.228.140.163.100.937.500.....Hyperargininemia
C10.228.140.163.100.937.750.....Ornithine Carbamoyltransferase Deficiency Disease
C10.228.140.163.100.968.....Zellweger Syndrome
C10.228.140.163.360.....Hepatic Encephalopathy
C10.228.140.163.480.....Kernicterus
C10.228.140.163.510.....Marchiafava-Bignami Disease
C10.228.140.163.540.....Mitochondrial Encephalomyopathies
C10.228.140.163.560.....Myelinolysis, Central Pontine
C10.228.140.163.780.....Reye Syndrome
C10.228.140.163.960.....Wernicke Encephalopathy
C10.228.140.187.....Brain Edema
C10.228.140.199.....Brain Injuries
C10.228.140.199.275.....Brain Hemorrhage, Traumatic
C10.228.140.199.275.200.....Brain Stem Hemorrhage, Traumatic
C10.228.140.199.275.300.....Cerebral Hemorrhage, Traumatic
C10.228.140.199.388.....Brain Injuries, Diffuse
C10.228.140.199.388.500.....Diffuse Axonal Injury
C10.228.140.199.444.....Brain Injuries, Traumatic
C10.228.140.199.444.250.....Brain Concussion
C10.228.140.199.444.375.....Brain Contusion
C10.228.140.199.444.500.....Chronic Traumatic Encephalopathy
C10.228.140.199.500.....Brain Injury, Chronic
C10.228.140.199.500.500.....Chronic Traumatic Encephalopathy
C10.228.140.199.650.....Epilepsy, Post-Traumatic
C10.228.140.199.700.....Pneumocephalus
C10.228.140.211.....Brain Neoplasms
C10.228.140.211.280.....Cerebral Ventricle Neoplasms
C10.228.140.211.280.300.....Choroid Plexus Neoplasms
C10.228.140.211.280.300.500.....Papilloma, Choroid Plexus
C10.228.140.211.500.....Infratentorial Neoplasms
C10.228.140.211.500.100.....Brain Stem Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.211.500.200.....Cerebellar Neoplasms
C10.228.140.211.692.....Neurocytoma
C10.228.140.211.788.....Pinealoma
C10.228.140.211.885.....Supratentorial Neoplasms
C10.228.140.211.885.500.....Hypothalamic Neoplasms
C10.228.140.211.885.500.299.....Pallister-Hall Syndrome
C10.228.140.211.885.500.600.....Pituitary Neoplasms
C10.228.140.252.....Cerebellar Diseases
C10.228.140.252.190.....Cerebellar Ataxia
C10.228.140.252.190.530.....Spinocerebellar Ataxias
C10.228.140.252.190.530.060.....Ataxia Telangiectasia
C10.228.140.252.190.530.530.....Machado-Joseph Disease
C10.228.140.252.200.....Cerebellar Neoplasms
C10.228.140.252.300.....Dandy-Walker Syndrome
C10.228.140.252.500.....Miller Fisher Syndrome
C10.228.140.252.620.....Paraneoplastic Cerebellar Degeneration
C10.228.140.252.700.....Spinocerebellar Degenerations
C10.228.140.252.700.150.....Friedreich Ataxia
C10.228.140.252.700.250.....Myoclonic Cerebellar Dyssynergia
C10.228.140.252.700.650.....Olivopontocerebellar Atrophies
C10.228.140.252.700.700.....Spinocerebellar Ataxias
C10.228.140.252.700.700.500.....Machado-Joseph Disease
C10.228.140.300.....Cerebrovascular Disorders
C10.228.140.300.100.....Basal Ganglia Cerebrovascular Disease
C10.228.140.300.100.200.....Basal Ganglia Hemorrhage
C10.228.140.300.100.200.500.....Putaminal Hemorrhage
C10.228.140.300.150.....Brain Ischemia
C10.228.140.300.150.477.....Brain Infarction
C10.228.140.300.150.477.100.....Brain Stem Infarctions
C10.228.140.300.150.477.100.500.....Lateral Medullary Syndrome
C10.228.140.300.150.477.200.....Cerebral Infarction
C10.228.140.300.150.477.200.199.....Dementia, Multi-Infarct
C10.228.140.300.150.477.200.400.....Infarction, Anterior Cerebral Artery
C10.228.140.300.150.477.200.450.....Infarction, Middle Cerebral Artery
C10.228.140.300.150.477.200.475.....Infarction, Posterior Cerebral Artery
C10.228.140.300.150.716.....Hypoxia-Ischemia, Brain
C10.228.140.300.150.836.....Ischemic Attack, Transient
C10.228.140.300.150.956.....Vertebrobasilar Insufficiency
C10.228.140.300.150.956.700.....Subclavian Steal Syndrome
C10.228.140.300.200.....Carotid Artery Diseases
C10.228.140.300.200.345.....Carotid Artery Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.300.200.345.300.....Carotid Artery, Internal, Dissection
C10.228.140.300.200.355.....Carotid Artery Thrombosis
C10.228.140.300.200.360.....Carotid Stenosis
C10.228.140.300.200.480.....Carotid-Cavernous Sinus Fistula
C10.228.140.300.200.600.....Moyamoya Disease
C10.228.140.300.275.....Cerebral Small Vessel Diseases
C10.228.140.300.275.249.....CADASIL
C10.228.140.300.275.311.....Cerebral Amyloid Angiopathy, Familial
C10.228.140.300.275.374.....Fabry Disease
C10.228.140.300.275.500.....MELAS Syndrome
C10.228.140.300.275.600.....Microscopic Polyangiitis
C10.228.140.300.275.800.....Stroke, Lacunar
C10.228.140.300.350.....Cerebrovascular Trauma
C10.228.140.300.350.500.....Carotid Artery Injuries
C10.228.140.300.350.500.300.....Carotid Artery, Internal, Dissection
C10.228.140.300.350.500.350.....Carotid-Cavernous Sinus Fistula
C10.228.140.300.350.875.....Vertebral Artery Dissection
C10.228.140.300.400.....Dementia, Vascular
C10.228.140.300.400.203.....CADASIL
C10.228.140.300.400.408.....Dementia, Multi-Infarct
C10.228.140.300.510.....Intracranial Arterial Diseases
C10.228.140.300.510.200.....Cerebral Arterial Diseases
C10.228.140.300.510.200.175.....CADASIL
C10.228.140.300.510.200.200.....Cerebral Amyloid Angiopathy
C10.228.140.300.510.200.200.160.....Cerebral Amyloid Angiopathy, Familial
C10.228.140.300.510.200.325.....Infarction, Anterior Cerebral Artery
C10.228.140.300.510.200.387.....Infarction, Middle Cerebral Artery
C10.228.140.300.510.200.418.....Infarction, Posterior Cerebral Artery
C10.228.140.300.510.200.737.....Moyamoya Disease
C10.228.140.300.510.600.....Intracranial Aneurysm
C10.228.140.300.510.800.....Intracranial Arteriosclerosis
C10.228.140.300.510.800.500.....Dementia, Vascular
C10.228.140.300.520.....Intracranial Arteriovenous Malformations
C10.228.140.300.520.500.....Vein of Galen Malformations
C10.228.140.300.525.....Intracranial Embolism and Thrombosis
C10.228.140.300.525.400.....Intracranial Embolism
C10.228.140.300.525.425.....Intracranial Thrombosis
C10.228.140.300.525.425.500.....Sinus Thrombosis, Intracranial
C10.228.140.300.525.425.500.375.....Cavernous Sinus Thrombosis
C10.228.140.300.525.425.500.562.....Lateral Sinus Thrombosis
C10.228.140.300.525.425.500.750.....Sagittal Sinus Thrombosis

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.300.535.....Intracranial Hemorrhages
C10.228.140.300.535.200.....Cerebral Hemorrhage
C10.228.140.300.535.200.150.....Basal Ganglia Hemorrhage
C10.228.140.300.535.200.150.500.....Putaminal Hemorrhage
C10.228.140.300.535.200.200.....Cerebral Hemorrhage, Traumatic
C10.228.140.300.535.200.600.....Cerebral Intraventricular Hemorrhage
C10.228.140.300.535.325.....Intracranial Hemorrhage, Hypertensive
C10.228.140.300.535.450.....Intracranial Hemorrhage, Traumatic
C10.228.140.300.535.450.200.....Brain Hemorrhage, Traumatic
C10.228.140.300.535.450.200.500.....Brain Stem Hemorrhage, Traumatic
C10.228.140.300.535.450.200.750.....Cerebral Hemorrhage, Traumatic
C10.228.140.300.535.450.300.....Hematoma, Epidural, Cranial
C10.228.140.300.535.450.400.....Hematoma, Subdural
C10.228.140.300.535.450.400.050.....Hematoma, Subdural, Acute
C10.228.140.300.535.450.400.120.....Hematoma, Subdural, Chronic
C10.228.140.300.535.450.400.400.....Hematoma, Subdural, Intracranial
C10.228.140.300.535.450.650.....Subarachnoid Hemorrhage, Traumatic
C10.228.140.300.535.625.....Pituitary Apoplexy
C10.228.140.300.535.800.....Subarachnoid Hemorrhage
C10.228.140.300.535.800.700.....Subarachnoid Hemorrhage, Traumatic
C10.228.140.300.700.....Leukomalacia, Periventricular
C10.228.140.300.750.....Sneddon Syndrome
C10.228.140.300.775.....Stroke
C10.228.140.300.775.200.....Brain Infarction
C10.228.140.300.775.200.100.....Brain Stem Infarctions
C10.228.140.300.775.200.100.500.....Lateral Medullary Syndrome
C10.228.140.300.775.200.200.....Cerebral Infarction
C10.228.140.300.775.200.200.199.....Dementia, Multi-Infarct
C10.228.140.300.775.200.200.400.....Infarction, Anterior Cerebral Artery
C10.228.140.300.775.200.200.450.....Infarction, Middle Cerebral Artery
C10.228.140.300.775.200.200.475.....Infarction, Posterior Cerebral Artery
C10.228.140.300.775.600.....Stroke, Lacunar
C10.228.140.300.787.....Susac Syndrome
C10.228.140.300.800.....Vascular Headaches
C10.228.140.300.850.....Vasculitis, Central Nervous System
C10.228.140.300.850.125.....AIDS Arteritis, Central Nervous System
C10.228.140.300.850.500.....Giant Cell Arteritis
C10.228.140.300.850.750.....Lupus Vasculitis, Central Nervous System
C10.228.140.300.900.....Vasospasm, Intracranial
C10.228.140.380.....Dementia
C10.228.140.380.070.....AIDS Dementia Complex



## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.380.100.....Alzheimer Disease
C10.228.140.380.132.....Aphasia, Primary Progressive
C10.228.140.380.132.600.....Primary Progressive Nonfluent Aphasia
C10.228.140.380.165.....Creutzfeldt-Jakob Syndrome
C10.228.140.380.230.....Dementia, Vascular
C10.228.140.380.230.124.....CADASIL
C10.228.140.380.230.250.....Dementia, Multi-Infarct
C10.228.140.380.254.....Diffuse Neurofibrillary Tangles with Calcification
C10.228.140.380.266.....Frontotemporal Lobar Degeneration
C10.228.140.380.266.299.....Frontotemporal Dementia
C10.228.140.380.266.299.500.....Pick Disease of the Brain
C10.228.140.380.266.600.....Primary Progressive Nonfluent Aphasia
C10.228.140.380.278.....Huntington Disease
C10.228.140.380.326.....Kluver-Bucy Syndrome
C10.228.140.380.422.....Lewy Body Disease
C10.228.140.400.....Diffuse Cerebral Sclerosis of Schilder
C10.228.140.430.....Encephalitis
C10.228.140.430.124.....Anti-N-Methyl-D-Aspartate Receptor Encephalitis
C10.228.140.430.249.....Cerebral Ventriculitis
C10.228.140.430.520.....Infectious Encephalitis
C10.228.140.430.520.750.....Encephalitis, Viral
C10.228.140.430.520.750.300.....Encephalitis, Arbovirus
C10.228.140.430.520.750.300.200.....Encephalitis, California
C10.228.140.430.520.750.300.400.....Encephalitis, Japanese
C10.228.140.430.520.750.300.550.....Encephalitis, St. Louis
C10.228.140.430.520.750.300.775.....Encephalitis, Tick-Borne
C10.228.140.430.520.750.300.887.....West Nile Fever
C10.228.140.430.520.750.350.....Encephalitis, Herpes Simplex
C10.228.140.430.520.750.400.....Encephalitis, Varicella Zoster
C10.228.140.430.520.750.450.....Encephalomyelitis, Equine
C10.228.140.430.520.750.450.200.....Encephalomyelitis, Eastern Equine
C10.228.140.430.520.750.450.600.....Encephalomyelitis, Venezuelan Equine
C10.228.140.430.520.750.450.800.....Encephalomyelitis, Western Equine
C10.228.140.430.520.750.500.....Leukoencephalopathy, Progressive Multifocal
C10.228.140.430.520.750.600.....Subacute Sclerosing Panencephalitis
C10.228.140.430.525.....Limbic Encephalitis
C10.228.140.430.550.....Meningoencephalitis
C10.228.140.430.550.500.....Lupus Vasculitis, Central Nervous System
C10.228.140.461.....Encephalomalacia
C10.228.140.461.550.....Leukomalacia, Periventricular
C10.228.140.490.....Epilepsy

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.490.125.....Drug Resistant Epilepsy
C10.228.140.490.360.....Epilepsies, Partial
C10.228.140.490.360.260.....Epilepsy, Complex Partial
C10.228.140.490.360.270.....Epilepsy, Frontal Lobe
C10.228.140.490.360.272.....Epilepsy, Partial, Motor
C10.228.140.490.360.275.....Epilepsy, Partial, Sensory
C10.228.140.490.360.280.....Epilepsy, Rolandic
C10.228.140.490.360.290.....Epilepsy, Temporal Lobe
C10.228.140.490.370.....Epilepsy, Benign Neonatal
C10.228.140.490.375.....Epilepsy, Generalized
C10.228.140.490.375.130.....Epilepsies, Myoclonic
C10.228.140.490.375.130.650.....Myoclonic Epilepsies, Progressive
C10.228.140.490.375.130.650.500.....Lafora Disease
C10.228.140.490.375.130.650.700.....MERRF Syndrome
C10.228.140.490.375.130.650.900.....Unverricht-Lundborg Syndrome
C10.228.140.490.375.130.670.....Myoclonic Epilepsy, Juvenile
C10.228.140.490.375.260.....Epilepsy, Absence
C10.228.140.490.375.290.....Epilepsy, Tonic-Clonic
C10.228.140.490.375.525.....Nodding Syndrome
C10.228.140.490.375.760.....Spasms, Infantile
C10.228.140.490.380.....Epilepsy, Post-Traumatic
C10.228.140.490.450.....Epilepsy, Reflex
C10.228.140.490.493.....Epileptic Syndromes
C10.228.140.490.493.063.....Epilepsies, Myoclonic
C10.228.140.490.493.063.650.....Myoclonic Epilepsies, Progressive
C10.228.140.490.493.063.650.500.....Lafora Disease
C10.228.140.490.493.063.650.700.....MERRF Syndrome
C10.228.140.490.493.063.650.900.....Unverricht-Lundborg Syndrome
C10.228.140.490.493.063.670.....Myoclonic Epilepsy, Juvenile
C10.228.140.490.493.125.....Epilepsy, Absence
C10.228.140.490.493.188.....Epilepsy, Frontal Lobe
C10.228.140.490.493.250.....Epilepsy, Rolandic
C10.228.140.490.493.375.....Epilepsy, Temporal Lobe
C10.228.140.490.493.500.....Landau-Kleffner Syndrome
C10.228.140.490.493.750.....Lennox Gastaut Syndrome
C10.228.140.490.493.875.....Spasms, Infantile
C10.228.140.546.....Headache Disorders
C10.228.140.546.399.....Headache Disorders, Primary
C10.228.140.546.399.750.....Migraine Disorders
C10.228.140.546.399.750.124.....Alice in Wonderland Syndrome
C10.228.140.546.399.750.250.....Migraine with Aura

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.546.399.750.450.....Migraine without Aura
C10.228.140.546.399.750.725.....Ophthalmoplegic Migraine
C10.228.140.546.399.875.....Tension-Type Headache
C10.228.140.546.399.937.....Trigeminal Autonomic Cephalalgias
C10.228.140.546.399.937.500.....Cluster Headache
C10.228.140.546.399.937.750.....Paroxysmal Hemicrania
C10.228.140.546.399.937.875.....SUNCT Syndrome
C10.228.140.546.699.....Headache Disorders, Secondary
C10.228.140.546.699.124.....Post-Dural Puncture Headache
C10.228.140.546.699.249.....Post-Traumatic Headache
C10.228.140.546.699.500.....Vascular Headaches
C10.228.140.602.....Hydrocephalus
C10.228.140.602.500.....Dandy-Walker Syndrome
C10.228.140.602.750.....Hydrocephalus, Normal Pressure
C10.228.140.617.....Hypothalamic Diseases
C10.228.140.617.200.....Bardet-Biedl Syndrome
C10.228.140.617.477.....Hypothalamic Neoplasms
C10.228.140.617.477.299.....Pallister-Hall Syndrome
C10.228.140.617.477.600.....Pituitary Neoplasms
C10.228.140.617.500.....Laurence-Moon Syndrome
C10.228.140.617.738.....Pituitary Diseases
C10.228.140.617.738.200.....Empty Sella Syndrome
C10.228.140.617.738.250.....Hyperpituitarism
C10.228.140.617.738.250.100.....Acromegaly
C10.228.140.617.738.250.450.....Hyperprolactinemia
C10.228.140.617.738.250.725.....Pituitary ACTH Hypersecretion
C10.228.140.617.738.275.....Hypophysitis
C10.228.140.617.738.275.500.....Autoimmune Hypophysitis
C10.228.140.617.738.300.....Hypopituitarism
C10.228.140.617.738.300.300.....Dwarfism, Pituitary
C10.228.140.617.738.320.....Inappropriate ADH Syndrome
C10.228.140.617.738.350.....Pituitary Apoplexy
C10.228.140.617.738.675.....Pituitary Neoplasms
C10.228.140.617.738.675.149.....ACTH-Secreting Pituitary Adenoma
C10.228.140.617.738.675.149.500.....Nelson Syndrome
C10.228.140.617.738.675.299.....Growth Hormone-Secreting Pituitary Adenoma
C10.228.140.617.738.675.800.....Prolactinoma
C10.228.140.624.....Hypoxia, Brain
C10.228.140.624.500.....Hypoxia-Ischemia, Brain
C10.228.140.631.....Intracranial Hypertension
C10.228.140.631.500.....Hypertensive Encephalopathy

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.140.631.500.500.....Posterior Leukoencephalopathy Syndrome
C10.228.140.631.750.....Pseudotumor Cerebri
C10.228.140.638.....Intracranial Hypotension
C10.228.140.695.....Leukoencephalopathies
C10.228.140.695.500.....Dementia, Vascular
C10.228.140.695.562.....Demyelinating Autoimmune Diseases, CNS
C10.228.140.695.562.112.....Diffuse Cerebral Sclerosis of Schilder
C10.228.140.695.562.225.....Encephalomyelitis, Acute Disseminated
C10.228.140.695.562.225.500.....Leukoencephalitis, Acute Hemorrhagic
C10.228.140.695.562.250.....Encephalomyelitis, Autoimmune, Experimental
C10.228.140.695.562.375.....Leukoencephalitis, Acute Hemorrhagic
C10.228.140.695.625.....Hereditary Central Nervous System Demyelinating Diseases
C10.228.140.695.625.250.....Adrenoleukodystrophy
C10.228.140.695.625.312.....Alexander Disease
C10.228.140.695.625.375.....Canavan Disease
C10.228.140.695.625.500.....Leukodystrophy, Globoid Cell
C10.228.140.695.625.550.....Leukodystrophy, Metachromatic
C10.228.140.695.625.775.....Pelizaeus-Merzbacher Disease
C10.228.140.695.750.....Leukoencephalopathy, Progressive Multifocal
C10.228.140.695.875.....Posterior Leukoencephalopathy Syndrome
C10.228.140.744.....Neuroaxonal Dystrophies
C10.228.140.744.320.....Pantothenate Kinase-Associated Neurodegeneration
C10.228.140.807.....Sepsis-Associated Encephalopathy
C10.228.140.870.....Subdural Effusion
C10.228.140.915.....Thalamic Diseases
C10.228.228.....Central Nervous System Infections
C10.228.228.090.....Brain Abscess
C10.228.228.090.800.....Toxoplasmosis, Cerebral
C10.228.228.180.....Central Nervous System Bacterial Infections
C10.228.228.180.437.....Lyme Neuroborreliosis
C10.228.228.180.500.....Meningitis, Bacterial
C10.228.228.180.500.350.....Meningitis, Escherichia coli
C10.228.228.180.500.425.....Meningitis, Haemophilus
C10.228.228.180.500.500.....Meningitis, Listeria
C10.228.228.180.500.750.....Meningitis, Meningococcal
C10.228.228.180.500.750.500.....Waterhouse-Friderichsen Syndrome
C10.228.228.180.500.875.....Meningitis, Pneumococcal
C10.228.228.180.500.937.....Tuberculosis, Meningeal
C10.228.228.180.600.....Neurosyphilis
C10.228.228.180.600.800.....Tabes Dorsalis
C10.228.228.180.850.....Tuberculosis, Central Nervous System

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.228.180.850.400.....Tuberculoma, Intracranial
C10.228.228.180.850.800.....Tuberculosis, Meningeal
C10.228.228.198.....Central Nervous System Fungal Infections
C10.228.228.198.500.....Meningitis, Fungal
C10.228.228.198.500.500.....Meningitis, Cryptococcal
C10.228.228.198.750.....Neuroaspergillosis
C10.228.228.205.....Central Nervous System Parasitic Infections
C10.228.228.205.250.....Central Nervous System Helminthiasis
C10.228.228.205.250.550.....Neurocysticercosis
C10.228.228.205.250.600.....Neuroschistosomiasis
C10.228.228.205.300.....Central Nervous System Protozoal Infections
C10.228.228.205.300.500.....Malaria, Cerebral
C10.228.228.205.300.800.....Toxoplasmosis, Cerebral
C10.228.228.205.300.900.....Toxoplasmosis, Congenital
C10.228.228.245.....Central Nervous System Viral Diseases
C10.228.228.245.169.....Cerebral Ventriculitis
C10.228.228.245.340.....Encephalitis, Viral
C10.228.228.245.340.300.....Encephalitis, Arbovirus
C10.228.228.245.340.300.200.....Encephalitis, California
C10.228.228.245.340.300.400.....Encephalitis, Japanese
C10.228.228.245.340.300.550.....Encephalitis, St. Louis
C10.228.228.245.340.300.775.....Encephalitis, Tick-Borne
C10.228.228.245.340.300.887.....West Nile Fever
C10.228.228.245.340.350.....Encephalitis, Herpes Simplex
C10.228.228.245.340.400.....Encephalitis, Varicella Zoster
C10.228.228.245.340.450.....Encephalomyelitis, Equine
C10.228.228.245.340.450.200.....Encephalomyelitis, Eastern Equine
C10.228.228.245.340.450.600.....Encephalomyelitis, Venezuelan Equine
C10.228.228.245.340.450.800.....Encephalomyelitis, Western Equine
C10.228.228.245.340.500.....Leukoencephalopathy, Progressive Multifocal
C10.228.228.245.340.600.....Subacute Sclerosing Panencephalitis
C10.228.228.245.500.....Meningitis, Viral
C10.228.228.245.500.500.....Lymphocytic Choriomeningitis
C10.228.228.245.550.....Meningoencephalitis
C10.228.228.245.550.500.....Lupus Vasculitis, Central Nervous System
C10.228.228.245.700.....Limbic Encephalitis
C10.228.228.245.710.....Pseudorabies
C10.228.228.291.....Encephalomyelitis
C10.228.228.291.323.....Encephalomyelitis, Equine
C10.228.228.291.323.162.....Encephalomyelitis, Eastern Equine
C10.228.228.291.323.325.....Encephalomyelitis, Venezuelan Equine

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.228.291.323.662.....Encephalomyelitis, Western Equine
C10.228.228.300.....Epidural Abscess
C10.228.228.399.....Infectious Encephalitis
C10.228.228.399.750.....Encephalitis, Viral
C10.228.228.399.750.300.....Encephalitis, Arbovirus
C10.228.228.399.750.300.200.....Encephalitis, California
C10.228.228.399.750.300.400.....Encephalitis, Japanese
C10.228.228.399.750.300.550.....Encephalitis, St. Louis
C10.228.228.399.750.300.775.....Encephalitis, Tick-Borne
C10.228.228.399.750.300.887.....West Nile Fever
C10.228.228.399.750.350.....Encephalitis, Herpes Simplex
C10.228.228.399.750.400.....Encephalitis, Varicella Zoster
C10.228.228.399.750.450.....Encephalomyelitis, Equine
C10.228.228.399.750.450.200.....Encephalomyelitis, Eastern Equine
C10.228.228.399.750.450.600.....Encephalomyelitis, Venezuelan Equine
C10.228.228.399.750.450.800.....Encephalomyelitis, Western Equine
C10.228.228.399.750.500.....Leukoencephalopathy, Progressive Multifocal
C10.228.228.399.750.600.....Subacute Sclerosing Panencephalitis
C10.228.228.570.....Meningoencephalitis
C10.228.228.570.450.....Lupus Vasculitis, Central Nervous System
C10.228.228.618.....Myelitis
C10.228.228.618.250.....Myelitis, Transverse
C10.228.228.618.500.....Paraparesis, Tropical Spastic
C10.228.228.618.750.....Poliomyelitis
C10.228.228.618.750.500.....Poliomyelitis, Bulbar
C10.228.228.618.750.750.....Postpoliomyelitis Syndrome
C10.228.228.709.....Perimeningeal Infections
C10.228.228.709.300.....Empyema, Subdural
C10.228.228.709.350.....Epidural Abscess
C10.228.228.709.675.....Subdural Effusion
C10.228.228.800.....Prion Diseases
C10.228.228.800.230.....Creutzfeldt-Jakob Syndrome
C10.228.228.800.260.....Encephalopathy, Bovine Spongiform
C10.228.228.800.350.....Gerstmann-Straussler-Scheinker Disease
C10.228.228.800.392.....Insomnia, Fatal Familial
C10.228.228.800.435.....Kuru
C10.228.228.800.717.....Scrapie
C10.228.228.800.858.....Wasting Disease, Chronic
C10.228.440.....Encephalomyelitis
C10.228.440.406.....Encephalomyelitis, Equine
C10.228.440.406.200.....Encephalomyelitis, Eastern Equine

## 2018 MeSH Tree Hierarchy

Tree location	
C10.228.440.406.225.....	Encephalomyelitis, Venezuelan Equine
C10.228.440.406.250.....	Encephalomyelitis, Western Equine
C10.228.440.600.....	Fatigue Syndrome, Chronic
C10.228.566.....	High Pressure Neurological Syndrome
C10.228.590.....	Hyperekplexia
C10.228.614.....	Meningitis
C10.228.614.097.....	Arachnoiditis
C10.228.614.220.....	Meningitis, Aseptic
C10.228.614.280.....	Meningitis, Bacterial
C10.228.614.280.350.....	Meningitis, Escherichia coli
C10.228.614.280.393.....	Meningitis, Haemophilus
C10.228.614.280.449.....	Meningitis, Listeria
C10.228.614.280.505.....	Meningitis, Meningococcal
C10.228.614.280.505.904.....	Waterhouse-Friderichsen Syndrome
C10.228.614.280.560.....	Meningitis, Pneumococcal
C10.228.614.280.915.....	Tuberculosis, Meningeal
C10.228.614.300.....	Meningitis, Fungal
C10.228.614.300.500.....	Meningitis, Cryptococcal
C10.228.614.400.....	Meningitis, Viral
C10.228.614.400.500.....	Lymphocytic Choriomeningitis
C10.228.614.500.....	Meningoencephalitis
C10.228.614.500.500.....	Lupus Vasculitis, Central Nervous System
C10.228.662.....	Movement Disorders
C10.228.662.037.....	Akathisia, Drug-Induced
C10.228.662.075.....	Angelman Syndrome
C10.228.662.262.....	Dyskinesias
C10.228.662.262.249.....	Chorea
C10.228.662.262.249.500.....	Chorea Gravidarum
C10.228.662.262.249.750.....	Huntington Disease
C10.228.662.262.249.937.....	Neuroacanthocytosis
C10.228.662.262.500.....	Dyskinesia, Drug-Induced
C10.228.662.262.500.500.....	Tardive Dyskinesia
C10.228.662.300.....	Dystonic Disorders
C10.228.662.300.200.....	Dystonia Musculorum Deformans
C10.228.662.300.500.....	Meige Syndrome
C10.228.662.300.750.....	Torticollis
C10.228.662.350.....	Essential Tremor
C10.228.662.400.....	Hepatolenticular Degeneration
C10.228.662.550.....	Multiple System Atrophy
C10.228.662.550.600.....	Olivopontocerebellar Atrophies
C10.228.662.550.700.....	Shy-Drager Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C10.228.662.550.800.....Striatonigral Degeneration
C10.228.662.575.....Pantothenate Kinase-Associated Neurodegeneration
C10.228.662.600.....Parkinsonian Disorders
C10.228.662.600.200.....Lewy Body Disease
C10.228.662.600.400.....Parkinson Disease
C10.228.662.600.700.....Parkinson Disease, Secondary
C10.228.662.600.700.250.....MPTP Poisoning
C10.228.662.600.700.500.....Parkinson Disease, Postencephalitic
C10.228.662.700.....Supranuclear Palsy, Progressive
C10.228.662.825.....Tic Disorders
C10.228.662.825.800.....Tourette Syndrome
C10.228.758.....Ocular Motility Disorders
C10.228.758.500.....Opsoclonus-Myoclonus Syndrome
C10.228.806.....Pneumocephalus
C10.228.854.....Spinal Cord Diseases
C10.228.854.139.....Amyotrophic Lateral Sclerosis
C10.228.854.303.....Epidural Abscess
C10.228.854.468.....Muscular Atrophy, Spinal
C10.228.854.468.399.....Bulbo-Spinal Atrophy, X-Linked
C10.228.854.468.800.....Spinal Muscular Atrophies of Childhood
C10.228.854.525.....Myelitis
C10.228.854.525.553.....Myelitis, Transverse
C10.228.854.525.700.....Paraparesis, Tropical Spastic
C10.228.854.525.850.....Poliomyelitis
C10.228.854.525.850.500.....Poliomyelitis, Bulbar
C10.228.854.525.850.750.....Postpoliomyelitis Syndrome
C10.228.854.583.....Pneumorrhachis
C10.228.854.761.....Spinal Cord Compression
C10.228.854.765.....Spinal Cord Neoplasms
C10.228.854.765.342.....Epidural Neoplasms
C10.228.854.770.....Spinal Cord Injuries
C10.228.854.770.500.....Central Cord Syndrome
C10.228.854.785.....Spinal Cord Vascular Diseases
C10.228.854.785.650.....Spinal Cord Ischemia
C10.228.854.785.650.100.....Anterior Spinal Artery Syndrome
C10.228.854.787.....Spinocerebellar Degenerations
C10.228.854.787.200.....Friedreich Ataxia
C10.228.854.787.500.....Myoclonic Cerebellar Dyssynergia
C10.228.854.787.750.....Olivopontocerebellar Atrophies
C10.228.854.787.875.....Spinocerebellar Ataxias
C10.228.854.787.875.500.....Machado-Joseph Disease



## 2018 MeSH Tree Hierarchy

Tree location	
C10.228.854.790.....	Stiff-Person Syndrome
C10.228.854.811.....	Subacute Combined Degeneration
C10.228.854.833.....	Syringomyelia
C10.228.854.889.....	Tabes Dorsalis
C10.281.....	Chronobiology Disorders
C10.281.440.....	Jet Lag Syndrome
C10.281.800.....	Sleep Disorders, Circadian Rhythm
C10.281.900.....	Smith-Magenis Syndrome
C10.292.....	Cranial Nerve Diseases
C10.292.150.....	Abducens Nerve Diseases
C10.292.150.100.....	Abducens Nerve Injury
C10.292.175.....	Accessory Nerve Diseases
C10.292.175.500.....	Accessory Nerve Injuries
C10.292.225.....	Cranial Nerve Neoplasms
C10.292.225.750.....	Neuroma, Acoustic
C10.292.225.750.500.....	Neurofibromatosis 2
C10.292.225.800.....	Optic Nerve Neoplasms
C10.292.225.800.500.....	Optic Nerve Glioma
C10.292.262.....	Cranial Nerve Injuries
C10.292.262.200.....	Abducens Nerve Injury
C10.292.262.350.....	Accessory Nerve Injuries
C10.292.262.500.....	Facial Nerve Injuries
C10.292.262.531.....	Glossopharyngeal Nerve Injuries
C10.292.262.562.....	Hypoglossal Nerve Injuries
C10.292.262.656.....	Oculomotor Nerve Injuries
C10.292.262.687.....	Olfactory Nerve Injuries
C10.292.262.750.....	Optic Nerve Injuries
C10.292.262.875.....	Trigeminal Nerve Injuries
C10.292.262.875.500.....	Lingual Nerve Injuries
C10.292.262.906.....	Trochlear Nerve Injuries
C10.292.262.937.....	Vagus Nerve Injuries
C10.292.262.937.750.....	Laryngeal Nerve Injuries
C10.292.262.937.750.500.....	Recurrent Laryngeal Nerve Injuries
C10.292.262.968.....	Vestibulocochlear Nerve Injuries
C10.292.319.....	Facial Nerve Diseases
C10.292.319.250.....	Bell Palsy
C10.292.319.375.....	Facial Hemiatrophy
C10.292.319.500.....	Facial Nerve Injuries
C10.292.319.625.....	Facial Neuralgia
C10.292.319.625.700.....	Trigeminal Nerve Diseases
C10.292.319.625.700.349.....	Trigeminal Nerve Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C10.292.319.625.700.349.500.....Lingual Nerve Injuries
C10.292.319.625.700.700.....Trigeminal Neuralgia
C10.292.319.750.....Herpes Zoster Oticus
C10.292.319.800.....Melkersson-Rosenthal Syndrome
C10.292.319.825.....Mobius Syndrome
C10.292.450.....Glossopharyngeal Nerve Diseases
C10.292.450.500.....Glossopharyngeal Nerve Injuries
C10.292.525.....Hypoglossal Nerve Diseases
C10.292.525.500.....Hypoglossal Nerve Injuries
C10.292.562.....Ocular Motility Disorders
C10.292.562.250.....Duane Retraction Syndrome
C10.292.562.350.....Miller Fisher Syndrome
C10.292.562.675.....Nystagmus, Pathologic
C10.292.562.675.300.....Nystagmus, Congenital
C10.292.562.700.....Oculomotor Nerve Diseases
C10.292.562.700.250.....Adie Syndrome
C10.292.562.700.500.....Oculomotor Nerve Injuries
C10.292.562.750.....Ophthalmoplegia
C10.292.562.750.250.....Ophthalmoplegia, Chronic Progressive External
C10.292.562.750.250.500.....Kearns-Sayre Syndrome
C10.292.562.750.375.....Ophthalmoplegic Migraine
C10.292.562.750.500.....Supranuclear Palsy, Progressive
C10.292.562.831.....Opsoclonus-Myoclonus Syndrome
C10.292.562.887.....Strabismus
C10.292.562.887.300.....Esotropia
C10.292.562.887.650.....Exotropia
C10.292.562.900.....Tolosa-Hunt Syndrome
C10.292.650.....Olfactory Nerve Diseases
C10.292.650.200.....Esthesioneuroblastoma, Olfactory
C10.292.650.600.....Olfactory Nerve Injuries
C10.292.675.....Ophthalmoplegic Migraine
C10.292.700.....Optic Nerve Diseases
C10.292.700.225.....Optic Atrophy
C10.292.700.225.500.....Optic Atrophies, Hereditary
C10.292.700.225.500.100.....Optic Atrophy, Autosomal Dominant
C10.292.700.225.500.400.....Optic Atrophy, Hereditary, Leber
C10.292.700.225.500.980.....Wolfram Syndrome
C10.292.700.450.....Optic Disk Drusen
C10.292.700.475.....Optic Nerve Injuries
C10.292.700.500.....Optic Nerve Neoplasms
C10.292.700.500.500.....Optic Nerve Glioma

## 2018 MeSH Tree Hierarchy

Tree location
C10.292.700.550.....Optic Neuritis
C10.292.700.550.500.....Neuromyelitis Optica
C10.292.700.600.....Optic Neuropathy, Ischemic
C10.292.700.900.....Papilledema
C10.292.850.....Trochlear Nerve Diseases
C10.292.887.....Vagus Nerve Diseases
C10.292.887.399.....Vagus Nerve Injuries
C10.292.887.800.....Vocal Cord Paralysis
C10.292.910.....Vestibulocochlear Nerve Diseases
C10.292.910.299.....Cogan Syndrome
C10.292.910.600.....Neuroma, Acoustic
C10.292.910.600.500.....Neurofibromatosis 2
C10.292.910.850.....Vestibular Neuronitis
C10.292.910.925.....Vestibulocochlear Nerve Injuries
C10.314.....Demyelinating Diseases
C10.314.350.....Demyelinating Autoimmune Diseases, CNS
C10.314.350.112.....Diffuse Cerebral Sclerosis of Schilder
C10.314.350.225.....Encephalomyelitis, Acute Disseminated
C10.314.350.225.500.....Leukoencephalitis, Acute Hemorrhagic
C10.314.350.250.....Encephalomyelitis, Autoimmune, Experimental
C10.314.350.375.....Leukoencephalitis, Acute Hemorrhagic
C10.314.350.500.....Multiple Sclerosis
C10.314.350.500.200.....Multiple Sclerosis, Chronic Progressive
C10.314.350.500.600.....Multiple Sclerosis, Relapsing-Remitting
C10.314.350.600.....Myelitis, Transverse
C10.314.350.600.500.....Neuromyelitis Optica
C10.314.350.800.....Neuromyelitis Optica
C10.314.400.....Hereditary Central Nervous System Demyelinating Diseases
C10.314.400.250.....Adrenoleukodystrophy
C10.314.400.312.....Alexander Disease
C10.314.400.375.....Canavan Disease
C10.314.400.500.....Leukodystrophy, Globoid Cell
C10.314.400.550.....Leukodystrophy, Metachromatic
C10.314.400.775.....Pelizaeus-Merzbacher Disease
C10.314.450.....Leukoencephalopathy, Progressive Multifocal
C10.314.475.....Marchiafava-Bignami Disease
C10.314.500.....Myelinolysis, Central Pontine
C10.314.687.....Ophthalmoplegic Migraine
C10.314.750.....Polyradiculoneuropathy
C10.314.750.450.....Guillain-Barre Syndrome
C10.314.750.450.500.....Miller Fisher Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C10.314.750.700.....Polyradiculoneuropathy, Chronic Inflammatory Demyelinating
C10.314.875.....Subacute Combined Degeneration
C10.500.....Nervous System Malformations
C10.500.034.....Agenesis of Corpus Callosum
C10.500.034.500.....Acrocallosal Syndrome
C10.500.034.687.....Aicardi Syndrome
C10.500.034.875.....Holoprosencephaly
C10.500.142.....Central Nervous System Cysts
C10.500.142.100.....Arachnoid Cysts
C10.500.142.200.....Colloid Cysts
C10.500.190.....Central Nervous System Vascular Malformations
C10.500.190.100.....Central Nervous System Venous Angioma
C10.500.190.200.....Hemangioma, Cavernous, Central Nervous System
C10.500.190.500.....Intracranial Arteriovenous Malformations
C10.500.190.500.500.....Vein of Galen Malformations
C10.500.190.800.....Sinus Pericranii
C10.500.205.....Dandy-Walker Syndrome
C10.500.300.....Hereditary Sensory and Motor Neuropathy
C10.500.300.099.....Alstrom Syndrome
C10.500.300.200.....Charcot-Marie-Tooth Disease
C10.500.300.490.....Giant Axonal Neuropathy
C10.500.300.780.....Refsum Disease
C10.500.300.820.....Spastic Paraplegia, Hereditary
C10.500.310.....Hereditary Sensory and Autonomic Neuropathies
C10.500.310.309.....Dysautonomia, Familial
C10.500.450.....Hydranencephaly
C10.500.507.....Malformations of Cortical Development
C10.500.507.400.....Malformations of Cortical Development, Group I
C10.500.507.400.249.....Megalencephaly
C10.500.507.400.249.500.....Hemimegalencephaly
C10.500.507.400.500.....Microcephaly
C10.500.507.400.750.....Tuberous Sclerosis
C10.500.507.450.....Malformations of Cortical Development, Group II
C10.500.507.450.230.....Classical Lissencephalies and Subcortical Band Heterotopias
C10.500.507.450.249.....Cobblestone Lissencephaly
C10.500.507.450.499.....Lissencephaly
C10.500.507.450.499.230.....Classical Lissencephalies and Subcortical Band Heterotopias
C10.500.507.450.499.249.....Cobblestone Lissencephaly
C10.500.507.450.499.249.500.....Walker-Warburg Syndrome
C10.500.507.450.750.....Periventricular Nodular Heterotopia
C10.500.507.500.....Malformations of Cortical Development, Group III

## 2018 MeSH Tree Hierarchy

Tree location
C10.500.507.500.500.....Polymicrogyria
C10.500.507.500.625.....Porencephaly
C10.500.507.500.750.....Schizencephaly
C10.500.680.....Neural Tube Defects
C10.500.680.196.....Anencephaly
C10.500.680.291.....Arnold-Chiari Malformation
C10.500.680.488.....Encephalocele
C10.500.680.598.....Meningocele
C10.500.680.610.....Meningomyelocele
C10.500.680.705.....Pentalogy of Cantrell
C10.500.680.800.....Spinal Dysraphism
C10.500.680.800.730.....Spina Bifida Cystica
C10.500.680.800.750.....Spina Bifida Occulta
C10.500.840.....Septo-Optic Dysplasia
C10.551.....Nervous System Neoplasms
C10.551.240.....Central Nervous System Neoplasms
C10.551.240.250.....Brain Neoplasms
C10.551.240.250.200.....Cerebral Ventricle Neoplasms
C10.551.240.250.200.200.....Choroid Plexus Neoplasms
C10.551.240.250.200.200.500.....Papilloma, Choroid Plexus
C10.551.240.250.400.....Infratentorial Neoplasms
C10.551.240.250.400.200.....Brain Stem Neoplasms
C10.551.240.250.400.300.....Cerebellar Neoplasms
C10.551.240.250.550.....Neurocytoma
C10.551.240.250.625.....Pinealoma
C10.551.240.250.700.....Supratentorial Neoplasms
C10.551.240.250.700.500.....Hypothalamic Neoplasms
C10.551.240.250.700.500.249.....Pallister-Hall Syndrome
C10.551.240.250.700.500.500.....Pituitary Neoplasms
C10.551.240.375.....Central Nervous System Cysts
C10.551.240.375.100.....Arachnoid Cysts
C10.551.240.375.200.....Colloid Cysts
C10.551.240.500.....Meningeal Neoplasms
C10.551.240.500.150.....Meningeal Carcinomatosis
C10.551.240.500.500.....Meningioma
C10.551.240.750.....Spinal Cord Neoplasms
C10.551.240.750.200.....Epidural Neoplasms
C10.551.360.....Cranial Nerve Neoplasms
C10.551.360.500.....Optic Nerve Neoplasms
C10.551.360.500.500.....Optic Nerve Glioma
C10.551.775.....Peripheral Nervous System Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location	
C10.551.775.250.....	Cranial Nerve Neoplasms
C10.551.775.250.500.....	Optic Nerve Neoplasms
C10.551.775.250.500.500.....	Optic Nerve Glioma
C10.551.775.500.....	Nerve Sheath Neoplasms
C10.551.775.500.750.....	Neurofibroma
C10.551.775.500.750.500.....	Neurofibroma, Plexiform
C10.551.775.500.750.750.....	Neurofibrosarcoma
C10.562.....	Neurocutaneous Syndromes
C10.562.100.....	Ataxia Telangiectasia
C10.562.600.....	Neurofibromatoses
C10.562.600.500.....	Neurofibromatosis 1
C10.562.600.750.....	Neurofibromatosis 2
C10.562.700.....	Nevus, Sebaceous of Jadassohn
C10.562.800.....	Sturge-Weber Syndrome
C10.562.850.....	Tuberous Sclerosis
C10.562.925.....	von Hippel-Lindau Disease
C10.574.....	Neurodegenerative Diseases
C10.574.250.....	Chronic Traumatic Encephalopathy
C10.574.500.....	Heredodegenerative Disorders, Nervous System
C10.574.500.024.....	Alexander Disease
C10.574.500.050.....	Amyloid Neuropathies, Familial
C10.574.500.175.....	Bulbo-Spinal Atrophy, X-Linked
C10.574.500.300.....	Canavan Disease
C10.574.500.362.....	Cockayne Syndrome
C10.574.500.393.....	Dystonia Musculorum Deformans
C10.574.500.425.....	Gerstmann-Straussler-Scheinker Disease
C10.574.500.487.....	Hepatolenticular Degeneration
C10.574.500.494.....	Hereditary Central Nervous System Demyelinating Diseases
C10.574.500.495.....	Hereditary Sensory and Motor Neuropathy
C10.574.500.495.099.....	Alstrom Syndrome
C10.574.500.495.200.....	Charcot-Marie-Tooth Disease
C10.574.500.495.490.....	Giant Axonal Neuropathy
C10.574.500.495.780.....	Refsum Disease
C10.574.500.495.820.....	Spastic Paraplegia, Hereditary
C10.574.500.496.....	Hereditary Sensory and Autonomic Neuropathies
C10.574.500.496.250.....	Dysautonomia, Familial
C10.574.500.497.....	Huntington Disease
C10.574.500.529.....	Lafora Disease
C10.574.500.545.....	Myotonia Congenita
C10.574.500.547.....	Myotonic Dystrophy
C10.574.500.549.....	Neurofibromatoses

## 2018 MeSH Tree Hierarchy

Tree location
C10.574.500.549.400.....Neurofibromatosis 1
C10.574.500.549.700.....Neurofibromatosis 2
C10.574.500.550.....Neuronal Ceroid-Lipofuscinoses
C10.574.500.662.....Optic Atrophies, Hereditary
C10.574.500.662.100.....Optic Atrophy, Autosomal Dominant
C10.574.500.662.400.....Optic Atrophy, Hereditary, Leber
C10.574.500.662.980.....Wolfram Syndrome
C10.574.500.700.....Pantothenate Kinase-Associated Neurodegeneration
C10.574.500.812.....Spinal Muscular Atrophies of Childhood
C10.574.500.825.....Spinocerebellar Degenerations
C10.574.500.825.200.....Friedreich Ataxia
C10.574.500.825.250.....Myoclonic Cerebellar Dyssynergia
C10.574.500.825.650.....Olivopontocerebellar Atrophies
C10.574.500.825.700.....Spinocerebellar Ataxias
C10.574.500.825.700.500.....Machado-Joseph Disease
C10.574.500.850.....Tourette Syndrome
C10.574.500.865.....Tuberous Sclerosis
C10.574.500.875.....Unverricht-Lundborg Syndrome
C10.574.531.....Lewy Body Disease
C10.574.562.....Motor Neuron Disease
C10.574.562.250.....Amyotrophic Lateral Sclerosis
C10.574.562.300.....Bulbar Palsy, Progressive
C10.574.562.500.....Muscular Atrophy, Spinal
C10.574.562.500.374.....Bulbo-Spinal Atrophy, X-Linked
C10.574.562.500.750.....Spinal Muscular Atrophies of Childhood
C10.574.625.....Multiple System Atrophy
C10.574.625.600.....Olivopontocerebellar Atrophies
C10.574.625.700.....Shy-Drager Syndrome
C10.574.625.800.....Striatonigral Degeneration
C10.574.781.....Paraneoplastic Syndromes, Nervous System
C10.574.781.249.....Anti-N-Methyl-D-Aspartate Receptor Encephalitis
C10.574.781.500.....Lambert-Eaton Myasthenic Syndrome
C10.574.781.550.....Limbic Encephalitis
C10.574.781.625.....Myelitis, Transverse
C10.574.781.662.....Opsoclonus-Myoclonus Syndrome
C10.574.781.700.....Paraneoplastic Cerebellar Degeneration
C10.574.781.850.....Paraneoplastic Polyneuropathy
C10.574.812.....Parkinson Disease
C10.574.827.....Postpoliomyelitis Syndrome
C10.574.843.....Prion Diseases
C10.574.843.300.....Encephalopathy, Bovine Spongiform

## 2018 MeSH Tree Hierarchy

Tree location
C10.574.843.400.....Gerstmann-Straussler-Scheinker Disease
C10.574.843.512.....Insomnia, Fatal Familial
C10.574.843.625.....Kuru
C10.574.843.850.....Scrapie
C10.574.843.925.....Wasting Disease, Chronic
C10.574.910.....Subacute Combined Degeneration
C10.574.945.....Tauopathies
C10.574.945.249.....Alzheimer Disease
C10.574.945.374.....Diffuse Neurofibrillary Tangles with Calcification
C10.574.945.500.....Supranuclear Palsy, Progressive
C10.574.950.....TDP-43 Proteinopathies
C10.574.950.050.....Amyotrophic Lateral Sclerosis
C10.574.950.300.....Frontotemporal Lobar Degeneration
C10.574.950.300.299.....Frontotemporal Dementia
C10.574.950.300.600.....Primary Progressive Nonfluent Aphasia
C10.597.....Neurologic Manifestations
C10.597.057.....Bilateral Vestibulopathy
C10.597.114.....Cerebrospinal Fluid Leak
C10.597.114.500.....Cerebrospinal Fluid Otorrhea
C10.597.114.750.....Cerebrospinal Fluid Rhinorrhea
C10.597.305.....Decerebrate State
C10.597.350.....Dyskinesias
C10.597.350.090.....Ataxia
C10.597.350.090.500.....Cerebellar Ataxia
C10.597.350.090.500.530.....Spinocerebellar Ataxias
C10.597.350.090.500.530.060.....Ataxia Telangiectasia
C10.597.350.090.500.530.530.....Machado-Joseph Disease
C10.597.350.090.750.....Gait Ataxia
C10.597.350.110.....Athetosis
C10.597.350.200.....Catalepsy
C10.597.350.250.....Chorea
C10.597.350.275.....Dyskinesia, Drug-Induced
C10.597.350.275.500.....Tardive Dyskinesia
C10.597.350.300.....Dystonia
C10.597.350.300.800.....Torticollis
C10.597.350.350.....Hyperkinesia
C10.597.350.400.....Hypokinesia
C10.597.350.500.....Myoclonus
C10.597.350.500.500.....Opsoclonus-Myoclonus Syndrome
C10.597.350.600.....Psychomotor Agitation
C10.597.350.675.....Synkinesis



## 2018 MeSH Tree Hierarchy

Tree location
C10.597.350.700.....Tics
C10.597.350.850.....Tremor
C10.597.404.....Gait Disorders, Neurologic
C10.597.404.400.....Gait Apraxia
C10.597.404.450.....Gait Ataxia
C10.597.544.....Meningism
C10.597.606.....Neurobehavioral Manifestations
C10.597.606.057.....Anhedonia
C10.597.606.115.....Catatonia
C10.597.606.150.....Communication Disorders
C10.597.606.150.500.....Language Disorders
C10.597.606.150.500.050.....Agraphia
C10.597.606.150.500.090.....Anomia
C10.597.606.150.500.300.....Dyslexia
C10.597.606.150.500.300.200.....Dyslexia, Acquired
C10.597.606.150.500.300.200.100.....Alexia, Pure
C10.597.606.150.500.550.....Language Development Disorders
C10.597.606.150.500.800.....Speech Disorders
C10.597.606.150.500.800.100.....Aphasia
C10.597.606.150.500.800.100.100.....Aphasia, Broca
C10.597.606.150.500.800.100.111.....Aphasia, Conduction
C10.597.606.150.500.800.100.155.....Aphasia, Primary Progressive
C10.597.606.150.500.800.100.155.600.....Primary Progressive Nonfluent Aphasia
C10.597.606.150.500.800.100.166.....Aphasia, Wernicke
C10.597.606.150.500.800.150.....Articulation Disorders
C10.597.606.150.500.800.150.200.....Dysarthria
C10.597.606.150.500.800.300.....Echolalia
C10.597.606.150.500.800.500.....Mutism
C10.597.606.150.500.800.750.....Stuttering
C10.597.606.150.550.....Learning Disorders
C10.597.606.150.550.099.....Dyscalculia
C10.597.606.150.550.200.....Dyslexia
C10.597.606.150.550.200.500.....Dyslexia, Acquired
C10.597.606.337.....Confusion
C10.597.606.337.500.....Delirium
C10.597.606.337.500.500.....Emergence Delirium
C10.597.606.358.....Consciousness Disorders
C10.597.606.358.800.....Unconsciousness
C10.597.606.358.800.200.....Coma
C10.597.606.358.800.200.100.....Brain Death
C10.597.606.358.800.200.200.....Coma, Post-Head Injury

## 2018 MeSH Tree Hierarchy

Tree location
C10.597.606.358.800.200.600.....Insulin Coma
C10.597.606.358.800.400.....Persistent Vegetative State
C10.597.606.358.800.500.....Stupor
C10.597.606.358.800.600.....Syncope
C10.597.606.358.800.600.500.....Syncope, Vasovagal
C10.597.606.441.....Lethargy
C10.597.606.525.....Memory Disorders
C10.597.606.525.100.....Amnesia
C10.597.606.525.100.075.....Amnesia, Anterograde
C10.597.606.525.100.150.....Amnesia, Retrograde
C10.597.606.525.100.800.....Amnesia, Transient Global
C10.597.606.525.400.....Korsakoff Syndrome
C10.597.606.525.400.500.....Alcoholic Korsakoff Syndrome
C10.597.606.643.....Intellectual Disability
C10.597.606.643.180.....Cri-du-Chat Syndrome
C10.597.606.643.210.....De Lange Syndrome
C10.597.606.643.220.....Down Syndrome
C10.597.606.643.455.....Mental Retardation, X-Linked
C10.597.606.643.455.124.....Adrenoleukodystrophy
C10.597.606.643.455.249.....Coffin-Lowry Syndrome
C10.597.606.643.455.500.....Fragile X Syndrome
C10.597.606.643.455.562.....Glycogen Storage Disease Type IIb
C10.597.606.643.455.625.....Lesch-Nyhan Syndrome
C10.597.606.643.455.687.....Menkes Kinky Hair Syndrome
C10.597.606.643.455.750.....Mucopolysaccharidosis II
C10.597.606.643.455.875.....Pyruvate Dehydrogenase Complex Deficiency Disease
C10.597.606.643.455.937.....Rett Syndrome
C10.597.606.643.690.....Prader-Willi Syndrome
C10.597.606.643.700.....Rubinstein-Taybi Syndrome
C10.597.606.643.835.....Trisomy 13 Syndrome
C10.597.606.643.969.....WAGR Syndrome
C10.597.606.643.970.....Williams Syndrome
C10.597.606.762.....Perceptual Disorders
C10.597.606.762.100.....Agnosia
C10.597.606.762.100.300.....Gerstmann Syndrome
C10.597.606.762.100.650.....Prosopagnosia
C10.597.606.762.150.....Alice in Wonderland Syndrome
C10.597.606.762.175.....Allesthesia
C10.597.606.762.200.....Auditory Perceptual Disorders
C10.597.606.762.300.....Hallucinations
C10.597.606.762.300.500.....Charles Bonnet Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C10.597.606.762.400.....Illusions
C10.597.606.762.700.....Phantom Limb
C10.597.606.881.....Psychomotor Disorders
C10.597.606.881.350.....Apraxias
C10.597.606.881.350.099.....Alien Hand Syndrome
C10.597.606.881.350.200.....Apraxia, Ideomotor
C10.597.606.881.350.600.....Gait Apraxia
C10.597.606.881.700.....Psychomotor Agitation
C10.597.609.....Neurogenic Inflammation
C10.597.613.....Neuromuscular Manifestations
C10.597.613.250.....Fasciculation
C10.597.613.500.....Muscle Cramp
C10.597.613.550.....Muscle Hypertonia
C10.597.613.550.500.....Muscle Rigidity
C10.597.613.550.550.....Muscle Spasticity
C10.597.613.575.....Muscle Hypotonia
C10.597.613.593.....Muscle Weakness
C10.597.613.612.....Muscular Atrophy
C10.597.613.612.500.....Sarcopenia
C10.597.613.650.....Myokymia
C10.597.613.700.....Myotonia
C10.597.613.750.....Spasm
C10.597.613.750.400.....Hemifacial Spasm
C10.597.613.750.700.....Trismus
C10.597.613.875.....Tetany
C10.597.622.....Paralysis
C10.597.622.214.....Facial Paralysis
C10.597.622.295.....Hemiplegia
C10.597.622.447.....Ophthalmoplegia
C10.597.622.447.511.....Ophthalmoplegia, Chronic Progressive External
C10.597.622.447.511.500.....Kearns-Sayre Syndrome
C10.597.622.447.600.....Ophthalmoplegic Migraine
C10.597.622.447.690.....Supranuclear Palsy, Progressive
C10.597.622.669.....Paraplegia
C10.597.622.669.300.....Brown-Sequard Syndrome
C10.597.622.714.....Pseudobulbar Palsy
C10.597.622.760.....Quadriplegia
C10.597.622.812.....Respiratory Paralysis
C10.597.622.943.....Vocal Cord Paralysis
C10.597.636.....Paresis
C10.597.636.500.....Paraparesis

## 2018 MeSH Tree Hierarchy

Tree location
C10.597.636.500.500.....Paraparesis, Spastic
C10.597.690.....Pupil Disorders
C10.597.690.150.....Anisocoria
C10.597.690.362.....Miosis
C10.597.690.362.500.....Horner Syndrome
C10.597.690.575.....Tonic Pupil
C10.597.704.....Reflex, Abnormal
C10.597.742.....Seizures
C10.597.742.143.....Alcohol Withdrawal Seizures
C10.597.742.571.....Seizures, Febrile
C10.597.742.785.....Status Epilepticus
C10.597.742.785.260.....Epilepsia Partialis Continua
C10.597.751.....Sensation Disorders
C10.597.751.418.....Hearing Disorders
C10.597.751.418.341.....Hearing Loss
C10.597.751.418.341.186.....Deafness
C10.597.751.418.341.186.500.....Deaf-Blind Disorders
C10.597.751.418.341.186.500.500.....Usher Syndromes
C10.597.751.418.341.186.500.750.....Wolfram Syndrome
C10.597.751.418.341.374.....Hearing Loss, Bilateral
C10.597.751.418.341.562.....Hearing Loss, Conductive
C10.597.751.418.341.750.....Hearing Loss, Functional
C10.597.751.418.341.812.....Hearing Loss, High-Frequency
C10.597.751.418.341.849.....Hearing Loss, Mixed Conductive-Sensorineural
C10.597.751.418.341.887.....Hearing Loss, Sensorineural
C10.597.751.418.341.887.432.....Hearing Loss, Central
C10.597.751.418.341.887.460.....Hearing Loss, Noise-Induced
C10.597.751.418.341.887.772.....Presbycusis
C10.597.751.418.341.887.886.....Usher Syndromes
C10.597.751.418.341.900.....Hearing Loss, Sudden
C10.597.751.418.341.950.....Hearing Loss, Unilateral
C10.597.751.418.505.....Hyperacusis
C10.597.751.418.670.....Tinnitus
C10.597.751.600.....Olfaction Disorders
C10.597.751.791.....Somatosensory Disorders
C10.597.751.791.400.....Hyperalgesia
C10.597.751.791.450.....Hyperesthesia
C10.597.751.791.500.....Hypesthesia
C10.597.751.791.875.....Paresthesia
C10.597.751.861.....Taste Disorders
C10.597.751.861.184.....Ageusia

## 2018 MeSH Tree Hierarchy

Tree location
C10.597.751.861.479.....Dysgeusia
C10.597.751.941.....Vision Disorders
C10.597.751.941.036.....Alice in Wonderland Syndrome
C10.597.751.941.073.....Amblyopia
C10.597.751.941.162.....Blindness
C10.597.751.941.162.125.....Amaurosis Fugax
C10.597.751.941.162.250.....Blindness, Cortical
C10.597.751.941.162.625.....Deaf-Blind Disorders
C10.597.751.941.162.625.500.....Usher Syndromes
C10.597.751.941.162.625.750.....Wolfram Syndrome
C10.597.751.941.256.....Color Vision Defects
C10.597.751.941.339.....Diplopia
C10.597.751.941.512.....Hemianopsia
C10.597.751.941.661.....Photophobia
C10.597.751.941.811.....Scotoma
C10.597.751.941.905.....Vision, Low
C10.597.825.....Susac Syndrome
C10.597.900.....Urinary Bladder, Neurogenic
C10.597.951.....Vertigo
C10.597.951.500.....Benign Paroxysmal Positional Vertigo
C10.597.975.....Voice Disorders
C10.597.975.100.....Aphonia
C10.597.975.325.....Dysphonia
C10.597.975.550.....Hoarseness
C10.668.....Neuromuscular Diseases
C10.668.364.....Fatigue Syndrome, Chronic
C10.668.467.....Motor Neuron Disease
C10.668.467.250.....Amyotrophic Lateral Sclerosis
C10.668.467.300.....Bulbar Palsy, Progressive
C10.668.467.500.....Muscular Atrophy, Spinal
C10.668.467.500.186.....Bulbo-Spinal Atrophy, X-Linked
C10.668.467.500.750.....Spinal Muscular Atrophies of Childhood
C10.668.491.....Muscular Diseases
C10.668.491.087.....Medial Tibial Stress Syndrome
C10.668.491.175.....Muscular Disorders, Atrophic
C10.668.491.175.500.....Muscular Dystrophies
C10.668.491.175.500.074.....Distal Myopathies
C10.668.491.175.500.112.....Glycogen Storage Disease Type VII
C10.668.491.175.500.149.....Muscular Dystrophies, Limb-Girdle
C10.668.491.175.500.149.500.....Sarcoglycanopathies
C10.668.491.175.500.300.....Muscular Dystrophy, Duchenne

## 2018 MeSH Tree Hierarchy

Tree location
C10.668.491.175.500.350.....Muscular Dystrophy, Emery-Dreifuss
C10.668.491.175.500.400.....Muscular Dystrophy, Facioscapulohumeral
C10.668.491.175.500.450.....Muscular Dystrophy, Oculopharyngeal
C10.668.491.175.500.500.....Myotonic Dystrophy
C10.668.491.175.750.....Postpoliomyelitis Syndrome
C10.668.491.387.....Eosinophilia-Myalgia Syndrome
C10.668.491.425.....Fibromyalgia
C10.668.491.500.....Mitochondrial Myopathies
C10.668.491.500.500.....Mitochondrial Encephalomyopathies
C10.668.491.500.500.500.....MELAS Syndrome
C10.668.491.500.500.550.....MERRF Syndrome
C10.668.491.500.700.....Ophthalmoplegia, Chronic Progressive External
C10.668.491.500.700.500.....Kearns-Sayre Syndrome
C10.668.491.525.....Myalgia
C10.668.491.550.....Myopathies, Structural, Congenital
C10.668.491.550.290.....Myopathies, Nemaline
C10.668.491.550.300.....Myopathy, Central Core
C10.668.491.562.....Myositis
C10.668.491.562.500.....Myositis, Inclusion Body
C10.668.491.562.537.....Orbital Myositis
C10.668.491.562.575.....Polymyositis
C10.668.491.562.575.500.....Dermatomyositis
C10.668.491.562.787.....Pyomyositis
C10.668.491.606.....Myotonic Disorders
C10.668.491.606.500.....Myotonia Congenita
C10.668.491.606.750.....Myotonic Dystrophy
C10.668.491.650.....Paralyses, Familial Periodic
C10.668.491.650.450.....Hypokalemic Periodic Paralysis
C10.668.491.650.600.....Paralysis, Hyperkalemic Periodic
C10.668.758.....Neuromuscular Junction Diseases
C10.668.758.200.....Botulism
C10.668.758.450.....Lambert-Eaton Myasthenic Syndrome
C10.668.758.725.....Myasthenia Gravis
C10.668.758.725.300.....Myasthenia Gravis, Autoimmune, Experimental
C10.668.758.725.650.....Myasthenia Gravis, Neonatal
C10.668.758.800.....Myasthenic Syndromes, Congenital
C10.668.829.....Peripheral Nervous System Diseases
C10.668.829.025.....Acrodynia
C10.668.829.050.....Amyloid Neuropathies
C10.668.829.050.050.....Amyloid Neuropathies, Familial
C10.668.829.100.....Brachial Plexus Neuropathies

## 2018 MeSH Tree Hierarchy

Tree location
C10.668.829.100.500.....Brachial Plexus Neuritis
C10.668.829.250.....Complex Regional Pain Syndromes
C10.668.829.250.200.....Causalgia
C10.668.829.250.800.....Reflex Sympathetic Dystrophy
C10.668.829.300.....Diabetic Neuropathies
C10.668.829.325.....Giant Axonal Neuropathy
C10.668.829.350.....Guillain-Barre Syndrome
C10.668.829.350.500.....Miller Fisher Syndrome
C10.668.829.380.....Hand-Arm Vibration Syndrome
C10.668.829.425.....Isaacs Syndrome
C10.668.829.500.....Mononeuropathies
C10.668.829.500.200.....Femoral Neuropathy
C10.668.829.500.500.....Median Neuropathy
C10.668.829.500.500.200.....Carpal Tunnel Syndrome
C10.668.829.500.600.....Peroneal Neuropathies
C10.668.829.500.650.....Radial Neuropathy
C10.668.829.500.675.....Sciatic Neuropathy
C10.668.829.500.675.399.....Piriformis Muscle Syndrome
C10.668.829.500.675.800.....Sciatica
C10.668.829.500.700.....Tibial Neuropathy
C10.668.829.500.700.800.....Tarsal Tunnel Syndrome
C10.668.829.500.850.....Ulnar Neuropathies
C10.668.829.500.850.200.....Cubital Tunnel Syndrome
C10.668.829.500.850.600.....Ulnar Nerve Compression Syndromes
C10.668.829.550.....Nerve Compression Syndromes
C10.668.829.550.200.....Carpal Tunnel Syndrome
C10.668.829.550.500.....Piriformis Muscle Syndrome
C10.668.829.550.650.....Pudendal Neuralgia
C10.668.829.550.800.....Tarsal Tunnel Syndrome
C10.668.829.550.850.....Thoracic Outlet Syndrome
C10.668.829.550.850.200.....Cervical Rib Syndrome
C10.668.829.550.925.....Ulnar Nerve Compression Syndromes
C10.668.829.550.925.200.....Cubital Tunnel Syndrome
C10.668.829.600.....Neuralgia
C10.668.829.600.200.....Causalgia
C10.668.829.600.375.....Morton Neuroma
C10.668.829.600.550.....Neuralgia, Postherpetic
C10.668.829.600.675.....Piriformis Muscle Syndrome
C10.668.829.600.737.....Pudendal Neuralgia
C10.668.829.600.800.....Sciatica
C10.668.829.650.....Neuritis

## 2018 MeSH Tree Hierarchy

Tree location
C10.668.829.650.250.....Brachial Plexus Neuritis
C10.668.829.650.500.....Neuritis, Autoimmune, Experimental
C10.668.829.675.....Neurofibromatosis 1
C10.668.829.700.....Pain Insensitivity, Congenital
C10.668.829.712.....Peripheral Nerve Injuries
C10.668.829.725.....Peripheral Nervous System Neoplasms
C10.668.829.725.500.....Nerve Sheath Neoplasms
C10.668.829.725.500.600.....Neurofibroma
C10.668.829.725.500.600.500.....Neurofibroma, Plexiform
C10.668.829.725.500.600.600.....Neurofibrosarcoma
C10.668.829.800.....Polyneuropathies
C10.668.829.800.050.....Alcoholic Neuropathy
C10.668.829.800.175.....Hereditary Sensory and Autonomic Neuropathies
C10.668.829.800.175.250.....Dysautonomia, Familial
C10.668.829.800.300.....Hereditary Sensory and Motor Neuropathy
C10.668.829.800.300.099.....Alstrom Syndrome
C10.668.829.800.300.200.....Charcot-Marie-Tooth Disease
C10.668.829.800.300.490.....Giant Axonal Neuropathy
C10.668.829.800.300.780.....Refsum Disease
C10.668.829.800.300.820.....Spastic Paraplegia, Hereditary
C10.668.829.800.662.....Paraneoplastic Polyneuropathy
C10.668.829.800.700.....POEMS Syndrome
C10.668.829.800.750.....Polyradiculoneuropathy
C10.668.829.800.750.300.....Guillain-Barre Syndrome
C10.668.829.800.750.300.500.....Miller Fisher Syndrome
C10.668.829.800.750.600.....Polyradiculoneuropathy, Chronic Inflammatory Demyelinating
C10.668.829.800.750.700.....Polyradiculopathy
C10.668.829.800.875.....Tangier Disease
C10.668.829.820.....Radiculopathy
C10.668.829.860.....Small Fiber Neuropathy
C10.668.829.900.....Tarlov Cysts
C10.668.864.....Poliomyelitis
C10.668.864.250.....Poliomyelitis, Bulbar
C10.668.864.500.....Postpoliomyelitis Syndrome
C10.668.900.....Stiff-Person Syndrome
C10.720.....Neurotoxicity Syndromes
C10.720.075.....Akathisia, Drug-Induced
C10.720.112.....Alcohol-Induced Disorders, Nervous System
C10.720.112.100.....Alcohol Amnestic Disorder
C10.720.112.100.250.....Alcoholic Korsakoff Syndrome
C10.720.112.200.....Alcohol Withdrawal Delirium



## 2018 MeSH Tree Hierarchy

Tree location
C10.720.112.300.....Alcohol Withdrawal Seizures
C10.720.112.400.....Alcoholic Neuropathy
C10.720.150.....Botulism
C10.720.312.....Dyskinesia, Drug-Induced
C10.720.475.....Heavy Metal Poisoning, Nervous System
C10.720.475.150.....Arsenic Poisoning
C10.720.475.400.....Lead Poisoning, Nervous System
C10.720.475.400.350.....Lead Poisoning, Nervous System, Adult
C10.720.475.400.700.....Lead Poisoning, Nervous System, Childhood
C10.720.475.500.....Manganese Poisoning
C10.720.475.600.....Mercury Poisoning, Nervous System
C10.720.475.600.150.....Acrodynia
C10.720.606.....MPTP Poisoning
C10.720.737.....Neuroleptic Malignant Syndrome
C10.803.....Restless Legs Syndrome
C10.886.....Sleep Wake Disorders
C10.886.425.....Dyssomnias
C10.886.425.175.....Sleep Deprivation
C10.886.425.200.....Sleep Disorders, Circadian Rhythm
C10.886.425.200.500.....Jet Lag Syndrome
C10.886.425.800.....Sleep Disorders, Intrinsic
C10.886.425.800.200.....Disorders of Excessive Somnolence
C10.886.425.800.200.400.....Hypersomnolence, Idiopathic
C10.886.425.800.200.500.....Kleine-Levin Syndrome
C10.886.425.800.200.750.....Narcolepsy
C10.886.425.800.200.750.500.....Cataplexy
C10.886.425.800.600.....Nocturnal Myoclonus Syndrome
C10.886.425.800.700.....Restless Legs Syndrome
C10.886.425.800.750.....Sleep Apnea Syndromes
C10.886.425.800.750.800.....Sleep Apnea, Central
C10.886.425.800.750.850.....Sleep Apnea, Obstructive
C10.886.425.800.750.850.500.....Obesity Hypoventilation Syndrome
C10.886.425.800.800.....Sleep Initiation and Maintenance Disorders
C10.886.425.800.800.400.....Insomnia, Fatal Familial
C10.886.659.....Parasomnias
C10.886.659.618.....Nocturnal Myoclonus Syndrome
C10.886.659.627.....Nocturnal Paroxysmal Dystonia
C10.886.659.633.....REM Sleep Parasomnias
C10.886.659.633.700.....REM Sleep Behavior Disorder
C10.886.659.633.800.....Sleep Paralysis
C10.886.659.634.....Restless Legs Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C10.886.659.635.....Sleep Arousal Disorders
C10.886.659.635.600.....Night Terrors
C10.886.659.635.700.....Somnambulism
C10.886.659.637.....Sleep Bruxism
C10.886.659.700.....Sleep-Wake Transition Disorders
C10.900.....Trauma, Nervous System
C10.900.250.....Cerebrovascular Trauma
C10.900.250.300.....Carotid Artery Injuries
C10.900.250.300.300.....Carotid Artery, Internal, Dissection
C10.900.250.300.400.....Carotid-Cavernous Sinus Fistula
C10.900.250.650.....Vertebral Artery Dissection
C10.900.300.....Craniocerebral Trauma
C10.900.300.087.....Brain Injuries
C10.900.300.087.187.....Brain Hemorrhage, Traumatic
C10.900.300.087.187.200.....Brain Stem Hemorrhage, Traumatic
C10.900.300.087.187.300.....Cerebral Hemorrhage, Traumatic
C10.900.300.087.219.....Brain Injuries, Diffuse
C10.900.300.087.219.500.....Diffuse Axonal Injury
C10.900.300.087.235.....Brain Injuries, Traumatic
C10.900.300.087.235.250.....Brain Concussion
C10.900.300.087.235.375.....Brain Contusion
C10.900.300.087.235.500.....Chronic Traumatic Encephalopathy
C10.900.300.087.250.....Brain Injury, Chronic
C10.900.300.087.250.500.....Chronic Traumatic Encephalopathy
C10.900.300.087.600.....Epilepsy, Post-Traumatic
C10.900.300.087.700.....Pneumocephalus
C10.900.300.087.850.....Shaken Baby Syndrome
C10.900.300.109.....Cerebrospinal Fluid Leak
C10.900.300.109.500.....Cerebrospinal Fluid Otorrhea
C10.900.300.109.750.....Cerebrospinal Fluid Rhinorrhea
C10.900.300.175.....Coma, Post-Head Injury
C10.900.300.218.....Cranial Nerve Injuries
C10.900.300.218.150.....Abducens Nerve Injury
C10.900.300.218.225.....Accessory Nerve Injuries
C10.900.300.218.300.....Facial Nerve Injuries
C10.900.300.218.331.....Glossopharyngeal Nerve Injuries
C10.900.300.218.362.....Hypoglossal Nerve Injuries
C10.900.300.218.456.....Oculomotor Nerve Injuries
C10.900.300.218.487.....Olfactory Nerve Injuries
C10.900.300.218.550.....Optic Nerve Injuries
C10.900.300.218.775.....Trigeminal Nerve Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C10.900.300.218.775.500.....Lingual Nerve Injuries
C10.900.300.218.831.....Trochlear Nerve Injuries
C10.900.300.218.887.....Vagus Nerve Injuries
C10.900.300.218.887.750.....Laryngeal Nerve Injuries
C10.900.300.218.887.750.500.....Recurrent Laryngeal Nerve Injuries
C10.900.300.218.943.....Vestibulocochlear Nerve Injuries
C10.900.300.284.....Facial Injuries
C10.900.300.284.250.....Eye Injuries
C10.900.300.284.250.124.....Corneal Injuries
C10.900.300.284.250.124.500.....Corneal Perforation
C10.900.300.284.250.250.....Eye Burns
C10.900.300.284.250.260.....Eye Foreign Bodies
C10.900.300.284.250.270.....Eye Injuries, Penetrating
C10.900.300.284.500.....Maxillofacial Injuries
C10.900.300.284.500.400.....Jaw Fractures
C10.900.300.284.500.400.255.....Mandibular Fractures
C10.900.300.284.500.400.510.....Maxillary Fractures
C10.900.300.284.500.500.....Mandibular Injuries
C10.900.300.284.500.550.....Orbital Fractures
C10.900.300.284.500.950.....Zygomatic Fractures
C10.900.300.350.....Head Injuries, Closed
C10.900.300.350.300.....Brain Concussion
C10.900.300.350.300.250.....Contrecoup Injury
C10.900.300.350.300.500.....Post-Concussion Syndrome
C10.900.300.675.....Head Injuries, Penetrating
C10.900.300.837.....Intracranial Hemorrhage, Traumatic
C10.900.300.837.150.....Brain Hemorrhage, Traumatic
C10.900.300.837.150.300.....Brain Stem Hemorrhage, Traumatic
C10.900.300.837.150.650.....Cerebral Hemorrhage, Traumatic
C10.900.300.837.300.....Hematoma, Epidural, Cranial
C10.900.300.837.600.....Hematoma, Subdural
C10.900.300.837.600.050.....Hematoma, Subdural, Acute
C10.900.300.837.600.120.....Hematoma, Subdural, Chronic
C10.900.300.837.600.400.....Hematoma, Subdural, Intracranial
C10.900.300.837.800.....Subarachnoid Hemorrhage, Traumatic
C10.900.300.918.....Skull Fractures
C10.900.300.918.150.....Skull Fracture, Basilar
C10.900.300.918.300.....Skull Fracture, Depressed
C10.900.575.....Peripheral Nerve Injuries
C10.900.850.....Spinal Cord Injuries
C10.900.850.250.....Autonomic Dysreflexia

## 2018 MeSH Tree Hierarchy

Tree location
C10.900.850.625.....Central Cord Syndrome
C11.....Eye Diseases
C11.093.....Asthenopia
C11.180.....Cogan Syndrome
C11.187.....Conjunctival Diseases
C11.187.169.....Conjunctival Neoplasms
C11.187.183.....Conjunctivitis
C11.187.183.200.....Conjunctivitis, Allergic
C11.187.183.220.....Conjunctivitis, Bacterial
C11.187.183.220.250.....Conjunctivitis, Inclusion
C11.187.183.220.538.....Ophthalmia Neonatorum
C11.187.183.220.889.....Trachoma
C11.187.183.240.....Conjunctivitis, Viral
C11.187.183.240.216.....Conjunctivitis, Acute Hemorrhagic
C11.187.183.394.....Keratoconjunctivitis
C11.187.183.394.520.....Keratoconjunctivitis, Infectious
C11.187.183.394.550.....Keratoconjunctivitis Sicca
C11.187.482.....Pemphigoid, Benign Mucous Membrane
C11.187.631.....Pinguecula
C11.187.781.....Pterygium
C11.187.810.....Xerophthalmia
C11.204.....Corneal Diseases
C11.204.236.....Corneal Dystrophies, Hereditary
C11.204.236.218.....Corneal Dystrophy, Juvenile Epithelial of Meesmann
C11.204.236.438.....Fuchs' Endothelial Dystrophy
C11.204.267.....Corneal Edema
C11.204.278.....Corneal Endothelial Cell Loss
C11.204.284.....Corneal Injuries
C11.204.284.500.....Corneal Perforation
C11.204.290.....Corneal Neovascularization
C11.204.299.....Corneal Opacity
C11.204.299.070.....Arcus Senilis
C11.204.431.....Corneal Wavefront Aberration
C11.204.497.....Iridocorneal Endothelial Syndrome
C11.204.564.....Keratitis
C11.204.564.112.....Acanthamoeba Keratitis
C11.204.564.225.....Corneal Ulcer
C11.204.564.425.....Keratitis, Herpetic
C11.204.564.425.450.....Keratitis, Dendritic
C11.204.564.585.....Keratoconjunctivitis
C11.204.564.585.500.....Keratoconjunctivitis, Infectious

## 2018 MeSH Tree Hierarchy

Tree location
C11.204.564.585.630.....Keratoconjunctivitis Sicca
C11.204.627.....Keratoconus
C11.204.813.....Trachoma
C11.250.....Eye Abnormalities
C11.250.060.....Aniridia
C11.250.060.950.....WAGR Syndrome
C11.250.080.....Anophthalmos
C11.250.090.....Blepharophimosis
C11.250.110.....Coloboma
C11.250.300.....Ectopia Lentis
C11.250.390.....Fraser Syndrome
C11.250.480.....Hydrophthalmos
C11.250.566.....Microphthalmos
C11.250.616.....Persistent Hyperplastic Primary Vitreous
C11.250.666.....Retinal Dysplasia
C11.270.....Eye Diseases, Hereditary
C11.270.019.....Aicardi Syndrome
C11.270.040.....Albinism
C11.270.040.090.....Albinism, Ocular
C11.270.040.545.....Albinism, Oculocutaneous
C11.270.040.545.400.....Hermanski-Pudlak Syndrome
C11.270.060.....Aniridia
C11.270.060.950.....WAGR Syndrome
C11.270.142.....Choroideremia
C11.270.152.....Cone-Rod Dystrophies
C11.270.162.....Corneal Dystrophies, Hereditary
C11.270.162.218.....Corneal Dystrophy, Juvenile Epithelial of Meesmann
C11.270.162.438.....Fuchs' Endothelial Dystrophy
C11.270.235.....Duane Retraction Syndrome
C11.270.468.....Gyrate Atrophy
C11.270.516.....Leber Congenital Amaurosis
C11.270.564.....Optic Atrophies, Hereditary
C11.270.564.100.....Optic Atrophy, Autosomal Dominant
C11.270.564.400.....Optic Atrophy, Hereditary, Leber
C11.270.564.980.....Wolfram Syndrome
C11.270.660.....Retinal Dysplasia
C11.270.684.....Retinitis Pigmentosa
C11.270.684.249.....Alstrom Syndrome
C11.270.842.....Graves Ophthalmopathy
C11.270.881.....Walker-Warburg Syndrome
C11.270.921.....Weill-Marchesani Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C11.290.....Eye Hemorrhage
C11.290.195.....Choroid Hemorrhage
C11.290.484.....Hyphema
C11.290.807.....Retinal Hemorrhage
C11.290.960.....Vitreous Hemorrhage
C11.294.....Eye Infections
C11.294.177.....Corneal Ulcer
C11.294.265.....Endophthalmitis
C11.294.265.500.....Uveitis, Suppurative
C11.294.354.....Eye Infections, Bacterial
C11.294.354.220.....Conjunctivitis, Bacterial
C11.294.354.220.250.....Conjunctivitis, Inclusion
C11.294.354.220.625.....Ophthalmia Neonatorum
C11.294.354.220.800.....Trachoma
C11.294.354.400.....Hordeolum
C11.294.354.450.....Keratoconjunctivitis, Infectious
C11.294.354.800.....Tuberculosis, Ocular
C11.294.354.900.....Uveitis, Suppurative
C11.294.354.900.675.....Panophthalmitis
C11.294.450.....Eye Infections, Fungal
C11.294.450.900.....Uveitis, Suppurative
C11.294.450.900.675.....Panophthalmitis
C11.294.725.....Eye Infections, Parasitic
C11.294.725.125.....Acanthamoeba Keratitis
C11.294.725.562.....Onchocerciasis, Ocular
C11.294.725.781.....Toxoplasmosis, Ocular
C11.294.800.....Eye Infections, Viral
C11.294.800.250.....Conjunctivitis, Viral
C11.294.800.250.250.....Conjunctivitis, Acute Hemorrhagic
C11.294.800.270.....Cytomegalovirus Retinitis
C11.294.800.450.....Herpes Zoster Ophthalmicus
C11.294.800.475.....Keratitis, Herpetic
C11.294.800.475.450.....Keratitis, Dendritic
C11.297.....Eye Injuries
C11.297.249.....Anterior Capsular Rupture, Ocular
C11.297.374.....Corneal Injuries
C11.297.374.500.....Corneal Perforation
C11.297.500.....Posterior Capsular Rupture, Ocular
C11.300.....Eye Manifestations
C11.300.500.....Eye Pain
C11.319.....Eye Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location	
C11.319.217.....	Conjunctival Neoplasms
C11.319.421.....	Eyelid Neoplasms
C11.319.457.....	Orbital Neoplasms
C11.319.466.....	Paraneoplastic Syndromes, Ocular
C11.319.475.....	Retinal Neoplasms
C11.319.475.760.....	Retinoblastoma
C11.319.494.....	Uveal Neoplasms
C11.319.494.198.....	Choroid Neoplasms
C11.319.494.400.....	Iris Neoplasms
C11.338.....	Eyelid Diseases
C11.338.133.....	Blepharitis
C11.338.190.....	Blepharophimosis
C11.338.204.....	Blepharoptosis
C11.338.250.....	Blepharospasm
C11.338.300.....	Chalazion
C11.338.362.....	Ectropion
C11.338.443.....	Entropion
C11.338.526.....	Eyelid Neoplasms
C11.338.648.....	Hordeolum
C11.338.912.....	Trichiasis
C11.496.....	Lacrimal Apparatus Diseases
C11.496.221.....	Dacryocystitis
C11.496.221.500.....	Canaliculitis
C11.496.260.....	Dry Eye Syndromes
C11.496.260.394.....	Keratoconjunctivitis Sicca
C11.496.260.719.....	Sjogren's Syndrome
C11.496.260.892.....	Xerophthalmia
C11.496.456.....	Lacrimal Duct Obstruction
C11.510.....	Lens Diseases
C11.510.103.....	Aphakia
C11.510.103.110.....	Aphakia, Postcataract
C11.510.174.....	Artificial Lens Implant Migration
C11.510.245.....	Cataract
C11.510.245.500.....	Capsule Opacification
C11.510.598.....	Lens Subluxation
C11.510.598.373.....	Ectopia Lentis
C11.525.....	Ocular Hypertension
C11.525.381.....	Glaucoma
C11.525.381.056.....	Glaucoma, Angle-Closure
C11.525.381.348.....	Glaucoma, Neovascular
C11.525.381.407.....	Glaucoma, Open-Angle

## 2018 MeSH Tree Hierarchy

Tree location
C11.525.381.407.480.....Hydrophthalmos
C11.525.381.703.....Low Tension Glaucoma
C11.540.....Ocular Hypotension
C11.590.....Ocular Motility Disorders
C11.590.224.....Duane Retraction Syndrome
C11.590.312.....Miller Fisher Syndrome
C11.590.400.....Nystagmus, Pathologic
C11.590.400.300.....Nystagmus, Congenital
C11.590.436.....Oculomotor Nerve Diseases
C11.590.436.200.....Adie Syndrome
C11.590.436.600.....Oculomotor Nerve Injuries
C11.590.472.....Ophthalmoplegia
C11.590.472.250.....Ophthalmoplegia, Chronic Progressive External
C11.590.472.250.500.....Kearns-Sayre Syndrome
C11.590.472.375.....Ophthalmoplegic Migraine
C11.590.472.500.....Supranuclear Palsy, Progressive
C11.590.725.....Opsoclonus-Myoclonus Syndrome
C11.590.810.....Strabismus
C11.590.810.400.....Esotropia
C11.590.810.440.....Exotropia
C11.590.905.....Tolosa-Hunt Syndrome
C11.640.....Optic Nerve Diseases
C11.640.225.....Low Tension Glaucoma
C11.640.451.....Optic Atrophy
C11.640.451.451.....Optic Atrophies, Hereditary
C11.640.451.451.100.....Optic Atrophy, Autosomal Dominant
C11.640.451.451.400.....Optic Atrophy, Hereditary, Leber
C11.640.451.451.980.....Wolfram Syndrome
C11.640.513.....Optic Disk Drusen
C11.640.530.....Optic Nerve Injuries
C11.640.544.....Optic Nerve Neoplasms
C11.640.544.500.....Optic Nerve Glioma
C11.640.576.....Optic Neuritis
C11.640.576.695.....Neuromyelitis Optica
C11.640.643.....Optic Neuropathy, Ischemic
C11.640.710.....Papilledema
C11.675.....Orbital Diseases
C11.675.319.....Enophthalmos
C11.675.349.....Exophthalmos
C11.675.349.500.....Graves Disease
C11.675.349.500.500.....Graves Ophthalmopathy



## 2018 MeSH Tree Hierarchy

Tree location
C11.675.387.....Orbital Cellulitis
C11.675.426.....Orbital Myositis
C11.675.659.....Orbital Neoplasms
C11.675.679.....Orbital Pseudotumor
C11.675.689.....Pott Puffy Tumor
C11.675.700.....Retrobulbar Hemorrhage
C11.710.....Pupil Disorders
C11.710.090.....Anisocoria
C11.710.528.....Miosis
C11.710.528.500.....Horner Syndrome
C11.710.570.....Mydriasis
C11.710.800.....Tonic Pupil
C11.710.800.180.....Adie Syndrome
C11.744.....Refractive Errors
C11.744.116.....Aniseikonia
C11.744.126.....Anisometropia
C11.744.212.....Astigmatism
C11.744.345.....Corneal Wavefront Aberration
C11.744.479.....Hyperopia
C11.744.636.....Myopia
C11.744.636.500.....Myopia, Degenerative
C11.744.786.....Presbyopia
C11.768.....Retinal Diseases
C11.768.094.....Angioid Streaks
C11.768.175.....Central Serous Chorioretinopathy
C11.768.257.....Diabetic Retinopathy
C11.768.328.....Epiretinal Membrane
C11.768.346.....Hypertensive Retinopathy
C11.768.364.....Leber Congenital Amaurosis
C11.768.400.....Retinal Artery Occlusion
C11.768.400.500.....Susac Syndrome
C11.768.585.....Retinal Degeneration
C11.768.585.439.....Macular Degeneration
C11.768.585.439.122.....Geographic Atrophy
C11.768.585.439.245.....Macular Edema
C11.768.585.439.433.....Vitelliform Macular Dystrophy
C11.768.585.439.622.....Wet Macular Degeneration
C11.768.585.585.....Retinal Drusen
C11.768.585.658.....Retinal Dystrophies
C11.768.585.658.250.....Cone-Rod Dystrophies
C11.768.585.658.500.....Retinitis Pigmentosa

## 2018 MeSH Tree Hierarchy

Tree location
C11.768.585.658.500.627.....Kearns-Sayre Syndrome
C11.768.585.658.500.813.....Usher Syndromes
C11.768.585.865.....Retinoschisis
C11.768.648.....Retinal Detachment
C11.768.660.....Retinal Dysplasia
C11.768.710.....Retinal Hemorrhage
C11.768.717.....Retinal Neoplasms
C11.768.717.760.....Retinoblastoma
C11.768.725.....Retinal Neovascularization
C11.768.740.....Retinal Perforations
C11.768.748.....Retinal Telangiectasis
C11.768.757.....Retinal Vasculitis
C11.768.760.....Retinal Vein Occlusion
C11.768.773.....Retinitis
C11.768.773.348.....Chorioretinitis
C11.768.773.360.....Cytomegalovirus Retinitis
C11.768.773.674.....Retinal Necrosis Syndrome, Acute
C11.768.836.....Retinopathy of Prematurity
C11.768.890.....Vitreoretinopathy, Proliferative
C11.790.....Scleral Diseases
C11.790.500.....Scleritis
C11.941.....Uveal Diseases
C11.941.160.....Choroid Diseases
C11.941.160.177.....Choroid Hemorrhage
C11.941.160.238.....Choroid Neoplasms
C11.941.160.244.....Choroidal Neovascularization
C11.941.160.300.....Choroideremia
C11.941.160.478.....Choroiditis
C11.941.160.478.400.....Chorioretinitis
C11.941.160.478.700.....Pars Planitis
C11.941.160.578.....Gyrate Atrophy
C11.941.375.....Iris Diseases
C11.941.375.060.....Aniridia
C11.941.375.060.950.....WAGR Syndrome
C11.941.375.285.....Exfoliation Syndrome
C11.941.375.322.....Iridocorneal Endothelial Syndrome
C11.941.375.360.....Iridocyclitis
C11.941.375.375.....Iris Neoplasms
C11.941.375.385.....Iritis
C11.941.855.....Uveal Neoplasms
C11.941.855.198.....Choroid Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C11.941.855.400.....Iris Neoplasms
C11.941.879.....Uveitis
C11.941.879.780.....Panuveitis
C11.941.879.780.500.....Ophthalmia, Sympathetic
C11.941.879.780.880.....Uveitis, Anterior
C11.941.879.780.880.200.....Behcet Syndrome
C11.941.879.780.880.400.....Iridocyclitis
C11.941.879.780.880.448.....Iritis
C11.941.879.780.900.....Uveitis, Posterior
C11.941.879.780.900.300.....Choroiditis
C11.941.879.780.900.300.318.....Chorioretinitis
C11.941.879.780.900.300.659.....Pars Planitis
C11.941.879.900.....Uveitis, Intermediate
C11.941.879.900.500.....Pars Planitis
C11.941.879.960.....Uveitis, Suppurative
C11.941.879.960.580.....Panophthalmitis
C11.941.879.980.....Uveomeningoencephalitic Syndrome
C11.966.....Vision Disorders
C11.966.073.....Amblyopia
C11.966.075.....Blindness
C11.966.075.125.....Amaurosis Fugax
C11.966.075.250.....Blindness, Cortical
C11.966.075.375.....Deaf-Blind Disorders
C11.966.075.375.500.....Usher Syndromes
C11.966.075.375.750.....Wolfram Syndrome
C11.966.075.500.....Hemianopsia
C11.966.256.....Color Vision Defects
C11.966.339.....Diplopia
C11.966.671.....Night Blindness
C11.966.741.....Photophobia
C11.966.811.....Scotoma
C11.966.858.....Susac Syndrome
C11.966.905.....Vision, Low
C11.980.....Vitreous Detachment
C12.....Male Urogenital Diseases
C12.294.....Genital Diseases, Male
C12.294.199.....Epididymitis
C12.294.229.....Fournier Gangrene
C12.294.260.....Genital Neoplasms, Male
C12.294.260.500.....Penile Neoplasms
C12.294.260.750.....Prostatic Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C12.294.260.750.500.....Prostatic Neoplasms, Castration-Resistant
C12.294.260.937.....Testicular Neoplasms
C12.294.260.937.500.....Sertoli-Leydig Cell Tumor
C12.294.260.937.500.249.....Leydig Cell Tumor
C12.294.260.937.500.500.....Sertoli Cell Tumor
C12.294.287.....Hematocele
C12.294.293.....Hemospermia
C12.294.329.....Herpes Genitalis
C12.294.365.....Infertility
C12.294.365.700.....Infertility, Male
C12.294.365.700.126.....Aspermia
C12.294.365.700.253.....Asthenozoospermia
C12.294.365.700.380.....Azoospermia
C12.294.365.700.508.....Oligospermia
C12.294.365.700.754.....Sertoli Cell-Only Syndrome
C12.294.365.700.877.....Teratozoospermia
C12.294.494.....Penile Diseases
C12.294.494.136.....Balanitis
C12.294.494.136.500.....Balanitis Xerotica Obliterans
C12.294.494.400.....Hypospadias
C12.294.494.508.....Penile Induration
C12.294.494.591.....Penile Neoplasms
C12.294.494.684.....Phimosis
C12.294.494.684.587.....Paraphimosis
C12.294.494.786.....Priapism
C12.294.565.....Prostatic Diseases
C12.294.565.500.....Prostatic Hyperplasia
C12.294.565.625.....Prostatic Neoplasms
C12.294.565.625.500.....Prostatic Neoplasms, Castration-Resistant
C12.294.565.750.....Prostatitis
C12.294.604.....Reproductive Tract Infections
C12.294.644.....Sexual Dysfunction, Physiological
C12.294.644.242.....Dyspareunia
C12.294.644.486.....Erectile Dysfunction
C12.294.644.486.500.....Impotence, Vasculogenic
C12.294.644.743.....Premature Ejaculation
C12.294.668.....Sexually Transmitted Diseases
C12.294.668.281.....Sexually Transmitted Diseases, Bacterial
C12.294.668.281.201.....Chancroid
C12.294.668.281.301.....Chlamydia Infections
C12.294.668.281.301.490.....Lymphogranuloma Venereum

## 2018 MeSH Tree Hierarchy

Tree location
C12.294.668.281.401.....Gonorrhea
C12.294.668.281.451.....Granuloma Inguinale
C12.294.668.281.859.....Syphilis
C12.294.693.....Spermatic Cord Torsion
C12.294.731.....Spermatocoele
C12.294.829.....Testicular Diseases
C12.294.829.258.....Cryptorchidism
C12.294.829.493.....Orchitis
C12.294.882.....Testicular Hydrocele
C12.294.909.....Tuberculosis, Male Genital
C12.294.936.....Varicocele
C12.483.....Pelvic Floor Disorders
C12.672.....Tuberculosis, Urogenital
C12.672.721.....Tuberculosis, Male Genital
C12.672.847.....Tuberculosis, Renal
C12.706.....Urogenital Abnormalities
C12.706.132.....Bladder Exstrophy
C12.706.258.....Cryptorchidism
C12.706.316.....Disorders of Sex Development
C12.706.316.064.....46, XX Disorders of Sex Development
C12.706.316.064.124.....46, XX Testicular Disorders of Sex Development
C12.706.316.064.249.....Gonadal Dysgenesis, 46,XX
C12.706.316.064.500.....Hyperandrogenism
C12.706.316.096.....46, XY Disorders of Sex Development
C12.706.316.096.500.....Androgen-Insensitivity Syndrome
C12.706.316.096.562.....Denys-Drash Syndrome
C12.706.316.096.624.....Frasier Syndrome
C12.706.316.096.687.....Gonadal Dysgenesis, 46,XY
C12.706.316.096.687.500.....Gonadoblastoma
C12.706.316.096.750.....Kallmann Syndrome
C12.706.316.096.875.....WAGR Syndrome
C12.706.316.129.....Adrenogenital Syndrome
C12.706.316.129.500.....Adrenal Hyperplasia, Congenital
C12.706.316.129.750.....Hyperandrogenism
C12.706.316.309.....Gonadal Dysgenesis
C12.706.316.309.193.....Gonadal Dysgenesis, 46,XX
C12.706.316.309.388.....Gonadal Dysgenesis, 46,XY
C12.706.316.309.388.500.....Gonadoblastoma
C12.706.316.309.391.....Gonadal Dysgenesis, Mixed
C12.706.316.309.631.....Sexual Infantilism
C12.706.316.309.872.....Turner Syndrome

## 2018 MeSH Tree Hierarchy

Tree location	
C12.706.316.343.....	Ovotesticular Disorders of Sex Development
C12.706.316.795.....	Sex Chromosome Disorders of Sex Development
C12.706.316.795.124.....	Freemartinism
C12.706.316.795.249.....	Gonadal Dysgenesis, Mixed
C12.706.316.795.500.....	Klinefelter Syndrome
C12.706.316.795.750.....	Turner Syndrome
C12.706.374.....	Epispadias
C12.706.410.....	Fraser Syndrome
C12.706.445.....	Fused Kidney
C12.706.516.....	Hypospadias
C12.706.629.....	Multicystic Dysplastic Kidney
C12.706.742.....	Nephritis, Hereditary
C12.706.811.....	Retrocaval Ureter
C12.706.846.....	Solitary Kidney
C12.706.881.....	Urinary Fistula
C12.706.881.312.....	Urinary Bladder Fistula
C12.758.....	Urogenital Neoplasms
C12.758.409.....	Genital Neoplasms, Male
C12.758.409.500.....	Penile Neoplasms
C12.758.409.750.....	Prostatic Neoplasms
C12.758.409.750.500.....	Prostatic Neoplasms, Castration-Resistant
C12.758.409.937.....	Testicular Neoplasms
C12.758.409.937.500.....	Sertoli-Leydig Cell Tumor
C12.758.409.937.500.249.....	Leydig Cell Tumor
C12.758.409.937.500.500.....	Sertoli Cell Tumor
C12.758.820.....	Urologic Neoplasms
C12.758.820.750.....	Kidney Neoplasms
C12.758.820.750.160.....	Carcinoma, Renal Cell
C12.758.820.750.372.....	Nephroma, Mesoblastic
C12.758.820.750.585.....	Wilms Tumor
C12.758.820.750.585.220.....	Denys-Drash Syndrome
C12.758.820.750.585.950.....	WAGR Syndrome
C12.758.820.875.....	Ureteral Neoplasms
C12.758.820.937.....	Urethral Neoplasms
C12.758.820.968.....	Urinary Bladder Neoplasms
C12.777.....	Urologic Diseases
C12.777.419.....	Kidney Diseases
C12.777.419.050.....	AIDS-Associated Nephropathy
C12.777.419.078.....	Anuria
C12.777.419.135.....	Diabetes Insipidus
C12.777.419.135.500.....	Diabetes Insipidus, Nephrogenic

## 2018 MeSH Tree Hierarchy

Tree location	
C12.777.419.135.750.....	Diabetes Insipidus, Neurogenic
C12.777.419.135.875.....	Wolfram Syndrome
C12.777.419.192.....	Diabetic Nephropathies
C12.777.419.291.....	Hepatorenal Syndrome
C12.777.419.307.....	Hydronephrosis
C12.777.419.307.500.....	Pyonephrosis
C12.777.419.313.....	Hyperoxaluria
C12.777.419.313.500.....	Hyperoxaluria, Primary
C12.777.419.331.....	Hypertension, Renal
C12.777.419.331.490.....	Hypertension, Renovascular
C12.777.419.393.....	Kidney Cortex Necrosis
C12.777.419.403.....	Kidney Diseases, Cystic
C12.777.419.403.500.....	Medullary Sponge Kidney
C12.777.419.403.750.....	Multicystic Dysplastic Kidney
C12.777.419.403.875.....	Polycystic Kidney Diseases
C12.777.419.403.875.500.....	Polycystic Kidney, Autosomal Dominant
C12.777.419.403.875.510.....	Polycystic Kidney, Autosomal Recessive
C12.777.419.473.....	Kidney Neoplasms
C12.777.419.473.160.....	Carcinoma, Renal Cell
C12.777.419.473.372.....	Nephroma, Mesoblastic
C12.777.419.473.585.....	Wilms Tumor
C12.777.419.473.585.220.....	Denys-Drash Syndrome
C12.777.419.473.585.950.....	WAGR Syndrome
C12.777.419.493.....	Kidney Papillary Necrosis
C12.777.419.570.....	Nephritis
C12.777.419.570.363.....	Glomerulonephritis
C12.777.419.570.363.304.....	Anti-Glomerular Basement Membrane Disease
C12.777.419.570.363.608.....	Glomerulonephritis, IGA
C12.777.419.570.363.615.....	Glomerulonephritis, Membranoproliferative
C12.777.419.570.363.625.....	Glomerulonephritis, Membranous
C12.777.419.570.363.660.....	Glomerulosclerosis, Focal Segmental
C12.777.419.570.363.680.....	Lupus Nephritis
C12.777.419.570.620.....	Nephritis, Hereditary
C12.777.419.570.643.....	Nephritis, Interstitial
C12.777.419.570.643.150.....	Balkan Nephropathy
C12.777.419.570.643.790.....	Pyelonephritis
C12.777.419.570.643.790.810.....	Pyelonephritis, Xanthogranulomatous
C12.777.419.570.821.....	Pyelitis
C12.777.419.570.821.358.....	Pyelocystitis
C12.777.419.570.821.717.....	Pyelonephritis
C12.777.419.570.821.717.810.....	Pyelonephritis, Xanthogranulomatous

## 2018 MeSH Tree Hierarchy

Tree location
C12.777.419.590.....Nephrocalcinosis
C12.777.419.600.....Nephrolithiasis
C12.777.419.600.500.....Kidney Calculi
C12.777.419.600.500.500.....Staghorn Calculi
C12.777.419.610.....Nephrosclerosis
C12.777.419.630.....Nephrosis
C12.777.419.630.477.....Nephrosis, Lipoid
C12.777.419.630.643.....Nephrotic Syndrome
C12.777.419.685.....Perinephritis
C12.777.419.775.....Renal Artery Obstruction
C12.777.419.780.....Renal Insufficiency
C12.777.419.780.050.....Acute Kidney Injury
C12.777.419.780.050.500.....Kidney Tubular Necrosis, Acute
C12.777.419.780.400.....Cardio-Renal Syndrome
C12.777.419.780.750.....Renal Insufficiency, Chronic
C12.777.419.780.750.500.....Kidney Failure, Chronic
C12.777.419.780.750.500.500.....Frasier Syndrome
C12.777.419.787.....Renal Nutcracker Syndrome
C12.777.419.795.....Chronic Kidney Disease-Mineral and Bone Disorder
C12.777.419.815.....Renal Tubular Transport, Inborn Errors
C12.777.419.815.093.....Acidosis, Renal Tubular
C12.777.419.815.279.....Bartter Syndrome
C12.777.419.815.364.....Dent Disease
C12.777.419.815.450.....Fanconi Syndrome
C12.777.419.815.491.....Gitelman Syndrome
C12.777.419.815.532.....Glycosuria, Renal
C12.777.419.815.647.....Hypophosphatemia, Familial
C12.777.419.815.647.500.....Familial Hypophosphatemic Rickets
C12.777.419.815.683.....Liddle Syndrome
C12.777.419.815.720.....Oculocerebrorenal Syndrome
C12.777.419.815.770.....Pseudohypoaldosteronism
C12.777.419.815.885.....Renal Aminoacidurias
C12.777.419.815.885.250.....Cystinuria
C12.777.419.815.885.457.....Hartnup Disease
C12.777.419.912.....Tuberculosis, Renal
C12.777.419.936.....Uremia
C12.777.419.936.231.....Azotemia
C12.777.419.936.463.....Hemolytic-Uremic Syndrome
C12.777.419.936.463.500.....Atypical Hemolytic Uremic Syndrome
C12.777.419.978.....Zellweger Syndrome
C12.777.725.....Ureteral Diseases



## 2018 MeSH Tree Hierarchy

Tree location
C12.777.725.676.....Ureteral Neoplasms
C12.777.725.776.....Ureteral Obstruction
C12.777.725.876.....Ureterocele
C12.777.725.938.....Ureterolithiasis
C12.777.725.938.500.....Ureteral Calculi
C12.777.767.....Urethral Diseases
C12.777.767.374.....Epispadias
C12.777.767.601.....Urethral Neoplasms
C12.777.767.700.....Urethral Obstruction
C12.777.767.700.700.....Urethral Stricture
C12.777.767.700.962.....Urinary Bladder Neck Obstruction
C12.777.767.851.....Urethritis
C12.777.829.....Urinary Bladder Diseases
C12.777.829.132.....Bladder Exstrophy
C12.777.829.495.....Cystitis
C12.777.829.495.500.....Cystitis, Interstitial
C12.777.829.495.750.....Pyelocystitis
C12.777.829.707.....Cystocele
C12.777.829.720.....Urinary Bladder Calculi
C12.777.829.733.....Urinary Bladder Fistula
C12.777.829.760.....Urinary Bladder Neck Obstruction
C12.777.829.813.....Urinary Bladder Neoplasms
C12.777.829.839.....Urinary Bladder, Neurogenic
C12.777.829.866.....Urinary Bladder, Overactive
C12.777.829.920.....Vesico-Ureteral Reflux
C12.777.892.....Urinary Tract Infections
C12.777.892.219.....Bacteriuria
C12.777.892.719.....Pyuria
C12.777.892.775.....Schistosomiasis haematobia
C12.777.934.....Urination Disorders
C12.777.934.141.....Anuria
C12.777.934.284.....Enuresis
C12.777.934.284.249.....Diurnal Enuresis
C12.777.934.284.500.....Nocturnal Enuresis
C12.777.934.363.....Glycosuria
C12.777.934.363.450.....Glycosuria, Renal
C12.777.934.442.....Hematuria
C12.777.934.600.....Oliguria
C12.777.934.616.....Polyuria
C12.777.934.734.....Proteinuria
C12.777.934.734.269.....Albuminuria

## 2018 MeSH Tree Hierarchy

Tree location
C12.777.934.734.634.....Hemoglobinuria
C12.777.934.852.....Urinary Incontinence
C12.777.934.852.249.....Urinary Incontinence, Stress
C12.777.934.852.500.....Urinary Incontinence, Urge
C12.777.934.880.....Urinary Retention
C12.777.967.....Urolithiasis
C12.777.967.249.....Nephrolithiasis
C12.777.967.249.500.....Kidney Calculi
C12.777.967.249.500.500.....Staghorn Calculi
C12.777.967.374.....Ureterolithiasis
C12.777.967.374.500.....Ureteral Calculi
C12.777.967.500.....Urinary Calculi
C12.777.967.500.503.....Kidney Calculi
C12.777.967.500.503.500.....Staghorn Calculi
C12.777.967.500.851.....Ureteral Calculi
C12.777.967.500.925.....Urinary Bladder Calculi
C13.....Female Urogenital Diseases and Pregnancy Complications
C13.351.....Female Urogenital Diseases
C13.351.500.....Genital Diseases, Female
C13.351.500.056.....Adnexal Diseases
C13.351.500.056.390.....Fallopian Tube Diseases
C13.351.500.056.390.390.....Fallopian Tube Neoplasms
C13.351.500.056.390.890.....Salpingitis
C13.351.500.056.630.....Ovarian Diseases
C13.351.500.056.630.050.....Anovulation
C13.351.500.056.630.250.....Menopause, Premature
C13.351.500.056.630.450.....Oophoritis
C13.351.500.056.630.580.....Ovarian Cysts
C13.351.500.056.630.580.765.....Polycystic Ovary Syndrome
C13.351.500.056.630.642.....Ovarian Hyperstimulation Syndrome
C13.351.500.056.630.705.....Ovarian Neoplasms
C13.351.500.056.630.705.265.....Brenner Tumor
C13.351.500.056.630.705.331.....Carcinoma, Endometrioid
C13.351.500.056.630.705.398.....Granulosa Cell Tumor
C13.351.500.056.630.705.431.....Hereditary Breast and Ovarian Cancer Syndrome
C13.351.500.056.630.705.464.....Luteoma
C13.351.500.056.630.705.531.....Meigs Syndrome
C13.351.500.056.630.705.648.....Sertoli-Leydig Cell Tumor
C13.351.500.056.630.705.765.....Thecoma
C13.351.500.056.630.750.....Primary Ovarian Insufficiency
C13.351.500.056.750.....Pelvic Inflammatory Disease

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.500.056.750.249.....Endometritis
C13.351.500.056.750.500.....Oophoritis
C13.351.500.056.750.750.....Parametritis
C13.351.500.056.750.875.....Salpingitis
C13.351.500.163.....Endometriosis
C13.351.500.320.....Gynatresia
C13.351.500.342.....Herpes Genitalis
C13.351.500.365.....Infertility
C13.351.500.365.700.....Infertility, Female
C13.351.500.630.....Reproductive Tract Infections
C13.351.500.665.....Sexual Dysfunction, Physiological
C13.351.500.665.313.....Dyspareunia
C13.351.500.665.656.....Vaginismus
C13.351.500.711.....Sexually Transmitted Diseases
C13.351.500.711.281.....Sexually Transmitted Diseases, Bacterial
C13.351.500.711.281.201.....Chancroid
C13.351.500.711.281.301.....Chlamydia Infections
C13.351.500.711.281.301.490.....Lymphogranuloma Venereum
C13.351.500.711.281.401.....Gonorrhea
C13.351.500.711.281.451.....Granuloma Inguinale
C13.351.500.711.281.859.....Syphilis
C13.351.500.758.....Tuberculosis, Female Genital
C13.351.500.852.....Uterine Diseases
C13.351.500.852.113.....Adenomyosis
C13.351.500.852.228.....Endometrial Hyperplasia
C13.351.500.852.299.....Endometritis
C13.351.500.852.495.....Hematometra
C13.351.500.852.544.....Pyometra
C13.351.500.852.593.....Uterine Cervical Diseases
C13.351.500.852.593.074.....Uterine Cervical Dysplasia
C13.351.500.852.593.074.249.....Atypical Squamous Cells of the Cervix
C13.351.500.852.593.074.500.....Squamous Intraepithelial Lesions of the Cervix
C13.351.500.852.593.112.....Uterine Cervical Erosion
C13.351.500.852.593.120.....Uterine Cervical Incompetence
C13.351.500.852.593.131.....Uterine Cervical Neoplasms
C13.351.500.852.593.150.....Uterine Cervicitis
C13.351.500.852.691.....Uterine Hemorrhage
C13.351.500.852.691.449.....Menorrhagia
C13.351.500.852.691.622.....Metrorrhagia
C13.351.500.852.726.....Uterine Inversion
C13.351.500.852.762.....Uterine Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location	
C13.351.500.852.762.200.....	Endometrial Neoplasms
C13.351.500.852.762.200.500.....	Endometrial Stromal Tumors
C13.351.500.852.762.200.500.500.....	Sarcoma, Endometrial Stromal
C13.351.500.852.762.850.....	Uterine Cervical Neoplasms
C13.351.500.852.833.....	Uterine Prolapse
C13.351.500.852.904.....	Uterine Rupture
C13.351.500.852.904.500.....	Uterine Perforation
C13.351.500.852.952.....	Uterine Retroversion
C13.351.500.894.....	Vaginal Diseases
C13.351.500.894.300.....	Hematocolpos
C13.351.500.894.500.....	Hydrocolpos
C13.351.500.894.700.....	Vaginal Discharge
C13.351.500.894.700.500.....	Leukorrhea
C13.351.500.894.767.....	Vaginal Fistula
C13.351.500.894.767.249.....	Rectovaginal Fistula
C13.351.500.894.767.500.....	Vesicovaginal Fistula
C13.351.500.894.834.....	Vaginal Neoplasms
C13.351.500.894.870.....	Vaginismus
C13.351.500.894.906.....	Vaginitis
C13.351.500.894.906.316.....	Atrophic Vaginitis
C13.351.500.894.906.633.....	Trichomonas Vaginitis
C13.351.500.894.906.800.....	Vaginosis, Bacterial
C13.351.500.894.906.820.....	Vulvovaginitis
C13.351.500.894.906.820.500.....	Candidiasis, Vulvovaginal
C13.351.500.944.....	Vulvar Diseases
C13.351.500.944.626.....	Pruritus Vulvae
C13.351.500.944.815.....	Vulvar Lichen Sclerosus
C13.351.500.944.819.....	Vulvar Neoplasms
C13.351.500.944.902.....	Vulvitis
C13.351.500.944.902.368.....	Vulvar Vestibulitis
C13.351.500.944.902.737.....	Vulvovaginitis
C13.351.500.944.902.737.500.....	Candidiasis, Vulvovaginal
C13.351.500.944.951.....	Vulvodynia
C13.351.625.....	Pelvic Floor Disorders
C13.351.750.....	Tuberculosis, Urogenital
C13.351.750.940.....	Tuberculosis, Female Genital
C13.351.750.970.....	Tuberculosis, Renal
C13.351.875.....	Urogenital Abnormalities
C13.351.875.132.....	Bladder Exstrophy
C13.351.875.253.....	Disorders of Sex Development
C13.351.875.253.064.....	46, XX Disorders of Sex Development

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.875.253.064.124.....46, XX Testicular Disorders of Sex Development
C13.351.875.253.064.249.....Gonadal Dysgenesis, 46,XX
C13.351.875.253.064.500.....Hyperandrogenism
C13.351.875.253.096.....46, XY Disorders of Sex Development
C13.351.875.253.096.500.....Androgen-Insensitivity Syndrome
C13.351.875.253.096.562.....Denys-Drash Syndrome
C13.351.875.253.096.624.....Fraser Syndrome
C13.351.875.253.096.687.....Gonadal Dysgenesis, 46,XY
C13.351.875.253.096.687.500.....Gonadoblastoma
C13.351.875.253.096.750.....Kallmann Syndrome
C13.351.875.253.096.875.....WAGR Syndrome
C13.351.875.253.129.....Adrenogenital Syndrome
C13.351.875.253.129.500.....Adrenal Hyperplasia, Congenital
C13.351.875.253.129.750.....Hyperandrogenism
C13.351.875.253.309.....Gonadal Dysgenesis
C13.351.875.253.309.193.....Gonadal Dysgenesis, 46,XX
C13.351.875.253.309.388.....Gonadal Dysgenesis, 46,XY
C13.351.875.253.309.388.500.....Gonadoblastoma
C13.351.875.253.309.391.....Gonadal Dysgenesis, Mixed
C13.351.875.253.309.631.....Sexual Infantilism
C13.351.875.253.309.872.....Turner Syndrome
C13.351.875.253.343.....Ovotesticular Disorders of Sex Development
C13.351.875.253.795.....Sex Chromosome Disorders of Sex Development
C13.351.875.253.795.124.....Freemartinism
C13.351.875.253.795.249.....Gonadal Dysgenesis, Mixed
C13.351.875.253.795.500.....Klinefelter Syndrome
C13.351.875.253.795.750.....Turner Syndrome
C13.351.875.374.....Epispadias
C13.351.875.397.....Fraser Syndrome
C13.351.875.420.....Fused Kidney
C13.351.875.466.....Hypospadias
C13.351.875.558.....Multicystic Dysplastic Kidney
C13.351.875.742.....Nephritis, Hereditary
C13.351.875.811.....Retrocaval Ureter
C13.351.875.846.....Solitary Kidney
C13.351.875.881.....Urinary Fistula
C13.351.875.881.312.....Urinary Bladder Fistula
C13.351.875.881.312.733.....Vesicovaginal Fistula
C13.351.937.....Urogenital Neoplasms
C13.351.937.418.....Genital Neoplasms, Female
C13.351.937.418.365.....Fallopian Tube Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.937.418.685.....Ovarian Neoplasms
C13.351.937.418.685.265.....Brenner Tumor
C13.351.937.418.685.331.....Carcinoma, Endometrioid
C13.351.937.418.685.398.....Granulosa Cell Tumor
C13.351.937.418.685.431.....Hereditary Breast and Ovarian Cancer Syndrome
C13.351.937.418.685.464.....Luteoma
C13.351.937.418.685.531.....Meigs Syndrome
C13.351.937.418.685.648.....Sertoli-Leydig Cell Tumor
C13.351.937.418.685.765.....Thecoma
C13.351.937.418.875.....Uterine Neoplasms
C13.351.937.418.875.200.....Endometrial Neoplasms
C13.351.937.418.875.200.124.....Carcinoma, Endometrioid
C13.351.937.418.875.200.374.....Endometrial Stromal Tumors
C13.351.937.418.875.200.374.500.....Sarcoma, Endometrial Stromal
C13.351.937.418.875.850.....Uterine Cervical Neoplasms
C13.351.937.418.937.....Vaginal Neoplasms
C13.351.937.418.968.....Vulvar Neoplasms
C13.351.937.820.....Urologic Neoplasms
C13.351.937.820.535.....Kidney Neoplasms
C13.351.937.820.535.160.....Carcinoma, Renal Cell
C13.351.937.820.535.585.....Wilms Tumor
C13.351.937.820.535.585.220.....Denys-Drash Syndrome
C13.351.937.820.535.585.950.....WAGR Syndrome
C13.351.937.820.535.790.....Nephroma, Mesoblastic
C13.351.937.820.875.....Ureteral Neoplasms
C13.351.937.820.890.....Urethral Neoplasms
C13.351.937.820.945.....Urinary Bladder Neoplasms
C13.351.968.....Urologic Diseases
C13.351.968.419.....Kidney Diseases
C13.351.968.419.050.....AIDS-Associated Nephropathy
C13.351.968.419.078.....Anuria
C13.351.968.419.135.....Diabetes Insipidus
C13.351.968.419.135.500.....Diabetes Insipidus, Nephrogenic
C13.351.968.419.135.750.....Diabetes Insipidus, Neurogenic
C13.351.968.419.135.875.....Wolfram Syndrome
C13.351.968.419.192.....Diabetic Nephropathies
C13.351.968.419.291.....Hepatorenal Syndrome
C13.351.968.419.307.....Hydronephrosis
C13.351.968.419.307.500.....Pyonephrosis
C13.351.968.419.313.....Hyperoxaluria
C13.351.968.419.313.500.....Hyperoxaluria, Primary

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.968.419.331.....Hypertension, Renal
C13.351.968.419.331.490.....Hypertension, Renovascular
C13.351.968.419.393.....Kidney Cortex Necrosis
C13.351.968.419.403.....Kidney Diseases, Cystic
C13.351.968.419.403.500.....Medullary Sponge Kidney
C13.351.968.419.403.750.....Multicystic Dysplastic Kidney
C13.351.968.419.403.875.....Polycystic Kidney Diseases
C13.351.968.419.403.875.500.....Polycystic Kidney, Autosomal Dominant
C13.351.968.419.403.875.510.....Polycystic Kidney, Autosomal Recessive
C13.351.968.419.473.....Kidney Neoplasms
C13.351.968.419.473.160.....Carcinoma, Renal Cell
C13.351.968.419.473.372.....Nephroma, Mesoblastic
C13.351.968.419.473.585.....Wilms Tumor
C13.351.968.419.473.585.220.....Denys-Drash Syndrome
C13.351.968.419.473.585.950.....WAGR Syndrome
C13.351.968.419.493.....Kidney Papillary Necrosis
C13.351.968.419.570.....Nephritis
C13.351.968.419.570.363.....Glomerulonephritis
C13.351.968.419.570.363.304.....Anti-Glomerular Basement Membrane Disease
C13.351.968.419.570.363.608.....Glomerulonephritis, IGA
C13.351.968.419.570.363.615.....Glomerulonephritis, Membranoproliferative
C13.351.968.419.570.363.625.....Glomerulonephritis, Membranous
C13.351.968.419.570.363.640.....Glomerulosclerosis, Focal Segmental
C13.351.968.419.570.363.680.....Lupus Nephritis
C13.351.968.419.570.620.....Nephritis, Hereditary
C13.351.968.419.570.643.....Nephritis, Interstitial
C13.351.968.419.570.643.150.....Balkan Nephropathy
C13.351.968.419.570.643.790.....Pyelonephritis
C13.351.968.419.570.643.790.810.....Pyelonephritis, Xanthogranulomatous
C13.351.968.419.570.821.....Pyelitis
C13.351.968.419.570.821.358.....Pyelocystitis
C13.351.968.419.570.821.717.....Pyelonephritis
C13.351.968.419.570.821.717.810.....Pyelonephritis, Xanthogranulomatous
C13.351.968.419.590.....Nephrocalcinosis
C13.351.968.419.600.....Nephrolithiasis
C13.351.968.419.600.500.....Kidney Calculi
C13.351.968.419.600.500.500.....Staghorn Calculi
C13.351.968.419.610.....Nephrosclerosis
C13.351.968.419.630.....Nephrosis
C13.351.968.419.630.477.....Nephrosis, Lipoid
C13.351.968.419.630.643.....Nephrotic Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.968.419.685.....Perinephritis
C13.351.968.419.775.....Renal Artery Obstruction
C13.351.968.419.780.....Renal Insufficiency
C13.351.968.419.780.050.....Acute Kidney Injury
C13.351.968.419.780.050.500.....Kidney Tubular Necrosis, Acute
C13.351.968.419.780.400.....Cardio-Renal Syndrome
C13.351.968.419.780.750.....Renal Insufficiency, Chronic
C13.351.968.419.780.750.500.....Kidney Failure, Chronic
C13.351.968.419.780.750.500.500.....Frasier Syndrome
C13.351.968.419.787.....Renal Nutcracker Syndrome
C13.351.968.419.795.....Chronic Kidney Disease-Mineral and Bone Disorder
C13.351.968.419.815.....Renal Tubular Transport, Inborn Errors
C13.351.968.419.815.093.....Acidosis, Renal Tubular
C13.351.968.419.815.279.....Bartter Syndrome
C13.351.968.419.815.364.....Dent Disease
C13.351.968.419.815.450.....Fanconi Syndrome
C13.351.968.419.815.491.....Gitelman Syndrome
C13.351.968.419.815.532.....Glycosuria, Renal
C13.351.968.419.815.647.....Hypophosphatemia, Familial
C13.351.968.419.815.647.500.....Familial Hypophosphatemic Rickets
C13.351.968.419.815.683.....Liddle Syndrome
C13.351.968.419.815.720.....Oculocerebrorenal Syndrome
C13.351.968.419.815.770.....Pseudohypoaldosteronism
C13.351.968.419.815.885.....Renal Aminoacidurias
C13.351.968.419.815.885.250.....Cystinuria
C13.351.968.419.815.885.625.....Hartnup Disease
C13.351.968.419.912.....Tuberculosis, Renal
C13.351.968.419.936.....Uremia
C13.351.968.419.936.231.....Azotemia
C13.351.968.419.936.463.....Hemolytic-Uremic Syndrome
C13.351.968.419.936.463.500.....Atypical Hemolytic Uremic Syndrome
C13.351.968.419.978.....Zellweger Syndrome
C13.351.968.725.....Ureteral Diseases
C13.351.968.725.676.....Ureteral Neoplasms
C13.351.968.725.776.....Ureteral Obstruction
C13.351.968.725.876.....Ureterocele
C13.351.968.725.938.....Ureterolithiasis
C13.351.968.725.938.500.....Ureteral Calculi
C13.351.968.767.....Urethral Diseases
C13.351.968.767.374.....Epispadias
C13.351.968.767.601.....Urethral Neoplasms



## 2018 MeSH Tree Hierarchy

Tree location	
C13.351.968.767.700.....	Urethral Obstruction
C13.351.968.767.700.700.....	Urethral Stricture
C13.351.968.767.700.850.....	Urinary Bladder Neck Obstruction
C13.351.968.767.851.....	Urethritis
C13.351.968.829.....	Urinary Bladder Diseases
C13.351.968.829.132.....	Bladder Exstrophy
C13.351.968.829.495.....	Cystitis
C13.351.968.829.495.500.....	Cystitis, Interstitial
C13.351.968.829.495.750.....	Pyelocystitis
C13.351.968.829.508.....	Cystocele
C13.351.968.829.521.....	Urinary Bladder Calculi
C13.351.968.829.548.....	Urinary Bladder Fistula
C13.351.968.829.548.733.....	Vesicovaginal Fistula
C13.351.968.829.601.....	Urinary Bladder Neck Obstruction
C13.351.968.829.707.....	Urinary Bladder Neoplasms
C13.351.968.829.760.....	Urinary Bladder, Neurogenic
C13.351.968.829.813.....	Urinary Bladder, Overactive
C13.351.968.829.920.....	Vesico-Ureteral Reflux
C13.351.968.892.....	Urinary Tract Infections
C13.351.968.892.219.....	Bacteriuria
C13.351.968.892.719.....	Pyuria
C13.351.968.892.775.....	Schistosomiasis haematobia
C13.351.968.934.....	Urination Disorders
C13.351.968.934.070.....	Anuria
C13.351.968.934.252.....	Enuresis
C13.351.968.934.252.249.....	Diurnal Enuresis
C13.351.968.934.252.500.....	Nocturnal Enuresis
C13.351.968.934.363.....	Glycosuria
C13.351.968.934.363.450.....	Glycosuria, Renal
C13.351.968.934.442.....	Hematuria
C13.351.968.934.600.....	Oliguria
C13.351.968.934.616.....	Polyuria
C13.351.968.934.734.....	Proteinuria
C13.351.968.934.734.269.....	Albuminuria
C13.351.968.934.734.634.....	Hemoglobinuria
C13.351.968.934.814.....	Urinary Incontinence
C13.351.968.934.814.500.....	Urinary Incontinence, Stress
C13.351.968.934.814.750.....	Urinary Incontinence, Urge
C13.351.968.934.880.....	Urinary Retention
C13.351.968.967.....	Urolithiasis
C13.351.968.967.249.....	Nephrolithiasis

## 2018 MeSH Tree Hierarchy

Tree location
C13.351.968.967.249.500.....Kidney Calculi
C13.351.968.967.249.500.500.....Staghorn Calculi
C13.351.968.967.374.....Ureterolithiasis
C13.351.968.967.374.500.....Ureteral Calculi
C13.351.968.967.500.....Urinary Calculi
C13.351.968.967.500.503.....Kidney Calculi
C13.351.968.967.500.503.500.....Staghorn Calculi
C13.351.968.967.500.851.....Ureteral Calculi
C13.351.968.967.500.925.....Urinary Bladder Calculi
C13.703.....Pregnancy Complications
C13.703.039.....Abortion, Spontaneous
C13.703.039.089.....Abortion, Habitual
C13.703.039.089.339.....Uterine Cervical Incompetence
C13.703.039.093.....Abortion, Incomplete
C13.703.039.173.....Abortion, Missed
C13.703.039.256.....Abortion, Septic
C13.703.039.422.....Abortion, Veterinary
C13.703.039.711.....Embryo Loss
C13.703.090.....Abortion, Threatened
C13.703.141.....Chorea Gravidarum
C13.703.170.....Diabetes, Gestational
C13.703.170.500.....Fetal Macrosomia
C13.703.223.....Fetal Death
C13.703.223.300.....Fetal Resorption
C13.703.223.650.....Stillbirth
C13.703.277.....Fetal Diseases
C13.703.277.030.....Chorioamnionitis
C13.703.277.050.....Echogenic Bowel
C13.703.277.060.....Erythroblastosis, Fetal
C13.703.277.060.480.....Hydrops Fetalis
C13.703.277.220.....Fetal Alcohol Spectrum Disorders
C13.703.277.370.....Fetal Growth Retardation
C13.703.277.390.....Fetal Hypoxia
C13.703.277.570.....Fetal Macrosomia
C13.703.277.677.....Fetal Nutrition Disorders
C13.703.277.785.....Meconium Aspiration Syndrome
C13.703.277.838.....Pyelectasis
C13.703.395.....Hypertension, Pregnancy-Induced
C13.703.395.124.....Eclampsia
C13.703.395.186.....HELLP Syndrome
C13.703.395.249.....Pre-Eclampsia

## 2018 MeSH Tree Hierarchy

Tree location	
C13.703.401.....	Maternal Death
C13.703.407.....	Morning Sickness
C13.703.407.500.....	Hyperemesis Gravidarum
C13.703.413.....	Nuchal Cord
C13.703.420.....	Obstetric Labor Complications
C13.703.420.078.....	Abruptio Placentae
C13.703.420.183.....	Breech Presentation
C13.703.420.235.....	Cephalopelvic Disproportion
C13.703.420.288.....	Dystocia
C13.703.420.288.728.....	Uterine Inertia
C13.703.420.339.....	Fetal Membranes, Premature Rupture
C13.703.420.339.260.....	Chorioamnionitis
C13.703.420.491.....	Obstetric Labor, Premature
C13.703.420.491.500.....	Premature Birth
C13.703.420.643.....	Placenta Accreta
C13.703.420.714.....	Placenta Previa
C13.703.420.725.....	Postpartum Hemorrhage
C13.703.420.814.....	Uterine Inversion
C13.703.420.904.....	Uterine Rupture
C13.703.420.952.....	Vasa Previa
C13.703.560.....	Oligohydramnios
C13.703.565.....	Pelvic Floor Disorders
C13.703.570.....	Pemphigoid Gestationis
C13.703.572.....	Perinatal Death
C13.703.575.....	Phenylketonuria, Maternal
C13.703.590.....	Placenta Diseases
C13.703.590.132.....	Abruptio Placentae
C13.703.590.268.....	Chorioamnionitis
C13.703.590.609.....	Placenta Accreta
C13.703.590.734.....	Placenta Previa
C13.703.590.767.....	Placenta, Retained
C13.703.590.800.....	Placental Insufficiency
C13.703.610.....	Polyhydramnios
C13.703.634.....	Pregnancy Complications, Cardiovascular
C13.703.634.404.....	Embolism, Amniotic Fluid
C13.703.667.....	Pregnancy Complications, Hematologic
C13.703.700.....	Pregnancy Complications, Infectious
C13.703.700.173.....	Abortion, Septic
C13.703.700.680.....	Pregnancy Complications, Parasitic
C13.703.700.715.....	Puerperal Infection
C13.703.720.....	Pregnancy Complications, Neoplastic

## 2018 MeSH Tree Hierarchy

Tree location
C13.703.720.949.....Trophoblastic Neoplasms
C13.703.720.949.208.....Choriocarcinoma
C13.703.720.949.208.438.....Choriocarcinoma, Non-gestational
C13.703.720.949.208.875.....Trophoblastic Tumor, Placental Site
C13.703.720.949.416.....Gestational Trophoblastic Disease
C13.703.720.949.416.875.....Hydatidiform Mole
C13.703.720.949.416.875.500.....Hydatidiform Mole, Invasive
C13.703.726.....Pregnancy in Diabetics
C13.703.726.570.....Fetal Macrosomia
C13.703.733.....Pregnancy, Ectopic
C13.703.733.536.....Pregnancy, Abdominal
C13.703.733.619.....Pregnancy, Angular
C13.703.733.640.....Pregnancy, Cornual
C13.703.733.650.....Pregnancy, Heterotopic
C13.703.733.661.....Pregnancy, Ovarian
C13.703.733.703.....Pregnancy, Tubal
C13.703.733.703.500.....Pregnancy, Interstitial
C13.703.805.....Pregnancy, Prolonged
C13.703.824.....Prenatal Injuries
C13.703.824.500.....Prenatal Exposure Delayed Effects
C13.703.844.....Puerperal Disorders
C13.703.844.253.....Depression, Postpartum
C13.703.844.506.....Lactation Disorders
C13.703.844.506.389.....Galactorrhea
C13.703.844.506.389.500.....Chiari-Frommel Syndrome
C13.703.844.603.....Mastitis
C13.703.844.603.400.....Granulomatous Mastitis
C13.703.844.700.....Postpartum Hemorrhage
C13.703.844.714.....Postpartum Thyroiditis
C13.703.844.728.....Pubic Symphysis Diastasis
C13.703.844.757.....Puerperal Infection
C14.....Cardiovascular Diseases
C14.240.....Cardiovascular Abnormalities
C14.240.400.....Heart Defects, Congenital
C14.240.400.021.....22q11 Deletion Syndrome
C14.240.400.021.500.....DiGeorge Syndrome
C14.240.400.044.....Alagille Syndrome
C14.240.400.090.....Aortic Coarctation
C14.240.400.145.....Arrhythmogenic Right Ventricular Dysplasia
C14.240.400.172.....Barth Syndrome
C14.240.400.200.....Cor Triatriatum

## 2018 MeSH Tree Hierarchy

Tree location
C14.240.400.210.....Coronary Vessel Anomalies
C14.240.400.210.249.....Bland White Garland Syndrome
C14.240.400.210.500.....Myocardial Bridging
C14.240.400.220.....Crisscross Heart
C14.240.400.280.....Dextrocardia
C14.240.400.280.500.....Kartagener Syndrome
C14.240.400.340.....Ductus Arteriosus, Patent
C14.240.400.395.....Ebstein Anomaly
C14.240.400.422.....Ectopia Cordis
C14.240.400.450.....Eisenmenger Complex
C14.240.400.560.....Heart Septal Defects
C14.240.400.560.098.....Aortopulmonary Septal Defect
C14.240.400.560.098.500.....Truncus Arteriosus, Persistent
C14.240.400.560.350.....Endocardial Cushion Defects
C14.240.400.560.375.....Heart Septal Defects, Atrial
C14.240.400.560.375.258.....Foramen Ovale, Patent
C14.240.400.560.375.518.....Lutembacher Syndrome
C14.240.400.560.540.....Heart Septal Defects, Ventricular
C14.240.400.592.....Heterotaxy Syndrome
C14.240.400.625.....Hypoplastic Left Heart Syndrome
C14.240.400.660.....Isolated Noncompaction of the Ventricular Myocardium
C14.240.400.695.....LEOPARD Syndrome
C14.240.400.701.....Levocardia
C14.240.400.725.....Marfan Syndrome
C14.240.400.787.....Noonan Syndrome
C14.240.400.849.....Tetralogy of Fallot
C14.240.400.915.....Transposition of Great Vessels
C14.240.400.915.300.....Double Outlet Right Ventricle
C14.240.400.920.....Tricuspid Atresia
C14.240.400.960.....Trilogy of Fallot
C14.240.400.970.....Trisomy 13 Syndrome
C14.240.400.975.....Trisomy 18 Syndrome
C14.240.400.980.....Turner Syndrome
C14.240.850.....Vascular Malformations
C14.240.850.750.....Arteriovenous Malformations
C14.240.850.750.147.....Arteriovenous Fistula
C14.240.850.750.147.500.....Carotid-Cavernous Sinus Fistula
C14.240.850.750.295.....Intracranial Arteriovenous Malformations
C14.240.850.750.295.500.....Vein of Galen Malformations
C14.240.850.875.....Central Nervous System Vascular Malformations
C14.240.850.875.124.....Central Nervous System Venous Angioma

## 2018 MeSH Tree Hierarchy

Tree location	
C14.240.850.875.249.....	Hemangioma, Cavernous, Central Nervous System
C14.240.850.875.500.....	Intracranial Arteriovenous Malformations
C14.240.850.875.500.500.....	Vein of Galen Malformations
C14.240.850.875.750.....	Sinus Pericranii
C14.240.850.906.....	May-Thurner Syndrome
C14.240.850.922.....	Median Arcuate Ligament Syndrome
C14.240.850.937.....	Pulmonary Atresia
C14.240.850.968.....	Scimitar Syndrome
C14.240.850.976.....	Single Umbilical Artery
C14.240.850.984.....	Vascular Fistula
C14.240.850.984.500.....	Arterio-Arterial Fistula
C14.240.850.984.500.500.....	Bland White Garland Syndrome
C14.240.850.984.750.....	Arteriovenous Fistula
C14.240.850.984.750.500.....	Carotid-Cavernous Sinus Fistula
C14.240.850.992.....	Vascular Ring
C14.260.....	Cardiovascular Infections
C14.260.249.....	Endocarditis, Bacterial
C14.260.249.407.....	Endocarditis, Subacute Bacterial
C14.260.500.....	Syphilis, Cardiovascular
C14.260.750.....	Tuberculosis, Cardiovascular
C14.260.750.595.....	Pericarditis, Tuberculous
C14.280.....	Heart Diseases
C14.280.067.....	Arrhythmias, Cardiac
C14.280.067.093.....	Arrhythmia, Sinus
C14.280.067.093.249.....	Sick Sinus Syndrome
C14.280.067.093.500.....	Sinus Arrest, Cardiac
C14.280.067.198.....	Atrial Fibrillation
C14.280.067.248.....	Atrial Flutter
C14.280.067.319.....	Bradycardia
C14.280.067.322.....	Brugada Syndrome
C14.280.067.325.....	Cardiac Complexes, Premature
C14.280.067.325.250.....	Atrial Premature Complexes
C14.280.067.325.500.....	Ventricular Premature Complexes
C14.280.067.441.....	Commotio Cordis
C14.280.067.558.....	Heart Block
C14.280.067.558.137.....	Adams-Stokes Syndrome
C14.280.067.558.230.....	Atrioventricular Block
C14.280.067.558.323.....	Bundle-Branch Block
C14.280.067.558.430.....	Interatrial Block
C14.280.067.558.536.....	Sick Sinus Syndrome
C14.280.067.558.750.....	Sinoatrial Block

## 2018 MeSH Tree Hierarchy

Tree location
C14.280.067.565.....Long QT Syndrome
C14.280.067.565.070.....Andersen Syndrome
C14.280.067.565.440.....Jervell-Lange Nielsen Syndrome
C14.280.067.565.720.....Romano-Ward Syndrome
C14.280.067.672.....Parasytostole
C14.280.067.780.....Pre-Excitation Syndromes
C14.280.067.780.560.....Lown-Ganong-Levine Syndrome
C14.280.067.780.770.....Pre-Excitation, Mahaim-Type
C14.280.067.780.977.....Wolff-Parkinson-White Syndrome
C14.280.067.845.....Tachycardia
C14.280.067.845.695.....Tachycardia, Paroxysmal
C14.280.067.845.787.....Tachycardia, Reciprocating
C14.280.067.845.787.249.....Tachycardia, Atrioventricular Nodal Reentry
C14.280.067.845.787.500.....Tachycardia, Sinoatrial Nodal Reentry
C14.280.067.845.880.....Tachycardia, Supraventricular
C14.280.067.845.880.315.....Tachycardia, Ectopic Atrial
C14.280.067.845.880.320.....Tachycardia, Ectopic Junctional
C14.280.067.845.880.845.....Tachycardia, Sinus
C14.280.067.845.940.....Tachycardia, Ventricular
C14.280.067.845.940.349.....Accelerated Idioventricular Rhythm
C14.280.067.845.940.700.....Torsades de Pointes
C14.280.067.922.....Ventricular Fibrillation
C14.280.067.961.....Ventricular Flutter
C14.280.104.....Carcinoid Heart Disease
C14.280.123.....Cardiac Conduction System Disease
C14.280.123.250.....Brugada Syndrome
C14.280.123.375.....Cardiac Complexes, Premature
C14.280.123.375.250.....Atrial Premature Complexes
C14.280.123.375.500.....Ventricular Premature Complexes
C14.280.123.500.....Heart Block
C14.280.123.500.137.....Adams-Stokes Syndrome
C14.280.123.500.230.....Atrioventricular Block
C14.280.123.500.323.....Bundle-Branch Block
C14.280.123.500.430.....Interatrial Block
C14.280.123.500.536.....Sick Sinus Syndrome
C14.280.123.500.750.....Sinoatrial Block
C14.280.123.625.....Long QT Syndrome
C14.280.123.625.070.....Andersen Syndrome
C14.280.123.625.440.....Jervell-Lange Nielsen Syndrome
C14.280.123.625.720.....Romano-Ward Syndrome
C14.280.123.750.....Pre-Excitation Syndromes

## 2018 MeSH Tree Hierarchy

Tree location	
C14.280.123.750.560.....	Lown-Ganong-Levine Syndrome
C14.280.123.750.770.....	Pre-Excitation, Mahaim-Type
C14.280.123.750.977.....	Wolff-Parkinson-White Syndrome
C14.280.123.875.....	Tachycardia
C14.280.123.875.695.....	Tachycardia, Paroxysmal
C14.280.123.875.787.....	Tachycardia, Reciprocating
C14.280.123.875.787.249.....	Tachycardia, Atrioventricular Nodal Reentry
C14.280.123.875.787.500.....	Tachycardia, Sinoatrial Nodal Reentry
C14.280.123.875.880.....	Tachycardia, Supraventricular
C14.280.123.875.880.315.....	Tachycardia, Ectopic Atrial
C14.280.123.875.880.320.....	Tachycardia, Ectopic Junctional
C14.280.123.875.880.845.....	Tachycardia, Sinus
C14.280.123.875.940.....	Tachycardia, Ventricular
C14.280.123.875.940.349.....	Accelerated Idioventricular Rhythm
C14.280.123.875.940.700.....	Torsades de Pointes
C14.280.142.....	Cardiac Output, High
C14.280.148.....	Cardiac Output, Low
C14.280.155.....	Cardiac Tamponade
C14.280.195.....	Cardiomegaly
C14.280.195.160.....	Cardiomyopathy, Dilated
C14.280.195.400.....	Hypertrophy, Left Ventricular
C14.280.195.410.....	Hypertrophy, Right Ventricular
C14.280.238.....	Cardiomyopathies
C14.280.238.028.....	Arrhythmogenic Right Ventricular Dysplasia
C14.280.238.057.....	Cardiomyopathy, Alcoholic
C14.280.238.070.....	Cardiomyopathy, Dilated
C14.280.238.100.....	Cardiomyopathy, Hypertrophic
C14.280.238.100.500.....	Cardiomyopathy, Hypertrophic, Familial
C14.280.238.160.....	Cardiomyopathy, Restrictive
C14.280.238.190.....	Chagas Cardiomyopathy
C14.280.238.235.....	Diabetic Cardiomyopathies
C14.280.238.281.....	Endocardial Fibroelastosis
C14.280.238.281.500.....	Isolated Noncompaction of the Ventricular Myocardium
C14.280.238.406.....	Endomyocardial Fibrosis
C14.280.238.458.....	Glycogen Storage Disease Type IIb
C14.280.238.510.....	Kearns-Sayre Syndrome
C14.280.238.615.....	Myocardial Reperfusion Injury
C14.280.238.625.....	Myocarditis
C14.280.238.812.....	Sarcoglycanopathies
C14.280.282.....	Endocarditis
C14.280.282.407.....	Endocarditis, Bacterial



## 2018 MeSH Tree Hierarchy

Tree location
C14.280.282.407.407.....Endocarditis, Subacute Bacterial
C14.280.282.703.....Endocarditis, Non-Infective
C14.280.358.....Heart Aneurysm
C14.280.383.....Heart Arrest
C14.280.383.220.....Death, Sudden, Cardiac
C14.280.383.220.500.....Koroshi Death
C14.280.383.610.....Out-of-Hospital Cardiac Arrest
C14.280.400.....Heart Defects, Congenital
C14.280.400.044.....22q11 Deletion Syndrome
C14.280.400.044.500.....DiGeorge Syndrome
C14.280.400.090.....Aortic Coarctation
C14.280.400.145.....Arrhythmogenic Right Ventricular Dysplasia
C14.280.400.172.....Barth Syndrome
C14.280.400.200.....Cor Triatriatum
C14.280.400.210.....Coronary Vessel Anomalies
C14.280.400.210.249.....Bland White Garland Syndrome
C14.280.400.210.500.....Myocardial Bridging
C14.280.400.220.....Crisscross Heart
C14.280.400.280.....Dextrocardia
C14.280.400.280.500.....Kartagener Syndrome
C14.280.400.340.....Ductus Arteriosus, Patent
C14.280.400.395.....Ebstein Anomaly
C14.280.400.450.....Eisenmenger Complex
C14.280.400.560.....Heart Septal Defects
C14.280.400.560.098.....Aortopulmonary Septal Defect
C14.280.400.560.098.500.....Truncus Arteriosus, Persistent
C14.280.400.560.350.....Endocardial Cushion Defects
C14.280.400.560.375.....Heart Septal Defects, Atrial
C14.280.400.560.375.258.....Foramen Ovale, Patent
C14.280.400.560.375.518.....Lutembacher Syndrome
C14.280.400.560.540.....Heart Septal Defects, Ventricular
C14.280.400.592.....Heterotaxy Syndrome
C14.280.400.625.....Hypoplastic Left Heart Syndrome
C14.280.400.660.....Isolated Noncompaction of the Ventricular Myocardium
C14.280.400.695.....LEOPARD Syndrome
C14.280.400.701.....Levocardia
C14.280.400.725.....Marfan Syndrome
C14.280.400.787.....Noonan Syndrome
C14.280.400.849.....Tetralogy of Fallot
C14.280.400.915.....Transposition of Great Vessels
C14.280.400.915.300.....Double Outlet Right Ventricle

## 2018 MeSH Tree Hierarchy

Tree location
C14.280.400.920.....Tricuspid Atresia
C14.280.400.960.....Trilogy of Fallot
C14.280.400.970.....Trisomy 13 Syndrome
C14.280.400.975.....Trisomy 18 Syndrome
C14.280.400.980.....Turner Syndrome
C14.280.434.....Heart Failure
C14.280.434.156.....Cardio-Renal Syndrome
C14.280.434.313.....Dyspnea, Paroxysmal
C14.280.434.482.....Edema, Cardiac
C14.280.434.611.....Heart Failure, Diastolic
C14.280.434.676.....Heart Failure, Systolic
C14.280.459.....Heart Neoplasms
C14.280.459.500.....Carney Complex
C14.280.470.....Heart Rupture
C14.280.470.475.....Heart Rupture, Post-Infarction
C14.280.470.475.900.....Ventricular Septal Rupture
C14.280.484.....Heart Valve Diseases
C14.280.484.095.....Aortic Valve Insufficiency
C14.280.484.150.....Aortic Valve Stenosis
C14.280.484.150.070.....Aortic Stenosis, Subvalvular
C14.280.484.150.070.160.....Cardiomyopathy, Hypertrophic
C14.280.484.150.070.160.500.....Cardiomyopathy, Hypertrophic, Familial
C14.280.484.150.070.210.....Discrete Subaortic Stenosis
C14.280.484.150.535.....Aortic Stenosis, Supravalvular
C14.280.484.150.535.960.....Williams Syndrome
C14.280.484.400.....Heart Valve Prolapse
C14.280.484.400.100.....Aortic Valve Prolapse
C14.280.484.400.500.....Mitral Valve Prolapse
C14.280.484.400.875.....Tricuspid Valve Prolapse
C14.280.484.461.....Mitral Valve Insufficiency
C14.280.484.517.....Mitral Valve Stenosis
C14.280.484.640.....Pulmonary Atresia
C14.280.484.660.....Pulmonary Valve Insufficiency
C14.280.484.716.....Pulmonary Valve Stenosis
C14.280.484.716.525.....LEOPARD Syndrome
C14.280.484.716.762.....Pulmonary Subvalvular Stenosis
C14.280.484.845.....Tricuspid Atresia
C14.280.484.856.....Tricuspid Valve Insufficiency
C14.280.484.911.....Tricuspid Valve Stenosis
C14.280.647.....Myocardial Ischemia
C14.280.647.124.....Acute Coronary Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C14.280.647.187.....Angina Pectoris
C14.280.647.187.150.....Angina, Unstable
C14.280.647.187.150.150.....Angina Pectoris, Variant
C14.280.647.187.362.....Angina, Stable
C14.280.647.187.575.....Microvascular Angina
C14.280.647.250.....Coronary Disease
C14.280.647.250.250.....Coronary Aneurysm
C14.280.647.250.260.....Coronary Artery Disease
C14.280.647.250.272.....Coronary Occlusion
C14.280.647.250.285.....Coronary Stenosis
C14.280.647.250.285.200.....Coronary Restenosis
C14.280.647.250.290.....Coronary Thrombosis
C14.280.647.250.295.....Coronary Vasospasm
C14.280.647.250.647.....Coronary-Subclavian Steal Syndrome
C14.280.647.375.....Kounis Syndrome
C14.280.647.500.....Myocardial Infarction
C14.280.647.500.093.....Anterior Wall Myocardial Infarction
C14.280.647.500.187.....Inferior Wall Myocardial Infarction
C14.280.647.500.469.....Non-ST Elevated Myocardial Infarction
C14.280.647.500.750.....Shock, Cardiogenic
C14.280.647.500.875.....ST Elevation Myocardial Infarction
C14.280.647.625.....Myocardial Reperfusion Injury
C14.280.671.....Myocardial Stunning
C14.280.695.....Pericardial Effusion
C14.280.720.....Pericarditis
C14.280.720.595.....Pericarditis, Constrictive
C14.280.720.801.....Pericarditis, Tuberculous
C14.280.763.....Pneumopericardium
C14.280.793.....Postpericardiotomy Syndrome
C14.280.832.....Pulmonary Heart Disease
C14.280.874.....Rheumatic Heart Disease
C14.280.945.....Ventricular Dysfunction
C14.280.945.900.....Ventricular Dysfunction, Left
C14.280.945.900.500.....Takotsubo Cardiomyopathy
C14.280.945.910.....Ventricular Dysfunction, Right
C14.280.955.....Ventricular Outflow Obstruction
C14.280.955.249.....Aortic Valve Stenosis
C14.280.955.249.070.....Aortic Stenosis, Subvalvular
C14.280.955.249.070.210.....Discrete Subaortic Stenosis
C14.280.955.249.535.....Aortic Stenosis, Supravalvular
C14.280.955.750.....Pulmonary Valve Stenosis

## 2018 MeSH Tree Hierarchy

Tree location
C14.280.955.750.762.....Pulmonary Subvalvular Stenosis
C14.583.....Pregnancy Complications, Cardiovascular
C14.583.404.....Embolism, Amniotic Fluid
C14.907.....Vascular Diseases
C14.907.055.....Aneurysm
C14.907.055.050.....Aneurysm, Dissecting
C14.907.055.050.150.....Carotid Artery, Internal, Dissection
C14.907.055.050.362.....Loeys-Dietz Syndrome
C14.907.055.050.575.....Vertebral Artery Dissection
C14.907.055.090.....Aneurysm, False
C14.907.055.131.....Aneurysm, Infected
C14.907.055.185.....Aneurysm, Ruptured
C14.907.055.185.125.....Aortic Rupture
C14.907.055.239.....Aortic Aneurysm
C14.907.055.239.075.....Aortic Aneurysm, Abdominal
C14.907.055.239.125.....Aortic Aneurysm, Thoracic
C14.907.055.239.175.....Aortic Rupture
C14.907.055.239.587.....Loeys-Dietz Syndrome
C14.907.055.395.....Coronary Aneurysm
C14.907.055.501.....Endoleak
C14.907.055.608.....Heart Aneurysm
C14.907.055.625.....Iliac Aneurysm
C14.907.055.635.....Intracranial Aneurysm
C14.907.055.817.....Microaneurysm
C14.907.075.....Angiodysplasia
C14.907.075.280.....Gastric Antral Vascular Ectasia
C14.907.077.....Angiomatosis
C14.907.077.060.....Angiomatosis, Bacillary
C14.907.077.410.....Klippel-Trenaunay-Weber Syndrome
C14.907.077.850.....Sturge-Weber Syndrome
C14.907.077.925.....von Hippel-Lindau Disease
C14.907.079.....Angioedema
C14.907.079.500.....Angioedemas, Hereditary
C14.907.079.500.500.....Hereditary Angioedema Type III
C14.907.079.500.750.....Hereditary Angioedema Types I and II
C14.907.109.....Aortic Diseases
C14.907.109.139.....Aortic Aneurysm
C14.907.109.139.075.....Aortic Aneurysm, Abdominal
C14.907.109.139.125.....Aortic Aneurysm, Thoracic
C14.907.109.139.175.....Aortic Rupture
C14.907.109.139.587.....Loeys-Dietz Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.109.239.....Aortic Arch Syndromes
C14.907.109.239.650.....Takayasu Arteritis
C14.907.109.239.825.....Vascular Ring
C14.907.109.320.....Aortitis
C14.907.109.661.....Leriche Syndrome
C14.907.137.....Arterial Occlusive Diseases
C14.907.137.126.....Arteriosclerosis
C14.907.137.126.056.....Arteriolosclerosis
C14.907.137.126.114.....Arteriosclerosis Obliterans
C14.907.137.126.307.....Atherosclerosis
C14.907.137.126.307.500.....Peripheral Arterial Disease
C14.907.137.126.339.....Coronary Artery Disease
C14.907.137.126.372.....Intracranial Arteriosclerosis
C14.907.137.126.372.500.....Dementia, Vascular
C14.907.137.126.669.....Intermittent Claudication
C14.907.137.230.....Carotid Stenosis
C14.907.137.372.....Fibromuscular Dysplasia
C14.907.137.427.....Leriche Syndrome
C14.907.137.520.....Malignant Atrophic Papulosis
C14.907.137.527.....Median Arcuate Ligament Syndrome
C14.907.137.534.....Mesenteric Vascular Occlusion
C14.907.137.615.....Moyamoya Disease
C14.907.137.727.....Renal Artery Obstruction
C14.907.137.780.....Retinal Artery Occlusion
C14.907.137.780.500.....Susac Syndrome
C14.907.137.825.....Stenosis, Pulmonary Artery
C14.907.137.870.....Thromboangiitis Obliterans
C14.907.150.....Arteriovenous Malformations
C14.907.150.125.....Arteriovenous Fistula
C14.907.150.125.500.....Carotid-Cavernous Sinus Fistula
C14.907.150.295.....Intracranial Arteriovenous Malformations
C14.907.150.295.500.....Vein of Galen Malformations
C14.907.218.....Capillary Leak Syndrome
C14.907.253.....Cerebrovascular Disorders
C14.907.253.061.....Basal Ganglia Cerebrovascular Disease
C14.907.253.061.200.....Basal Ganglia Hemorrhage
C14.907.253.061.200.500.....Putaminal Hemorrhage
C14.907.253.092.....Brain Ischemia
C14.907.253.092.477.....Brain Infarction
C14.907.253.092.477.100.....Brain Stem Infarctions
C14.907.253.092.477.100.500.....Lateral Medullary Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.253.092.477.200.....Cerebral Infarction
C14.907.253.092.477.200.199.....Dementia, Multi-Infarct
C14.907.253.092.477.200.400.....Infarction, Anterior Cerebral Artery
C14.907.253.092.477.200.450.....Infarction, Middle Cerebral Artery
C14.907.253.092.477.200.475.....Infarction, Posterior Cerebral Artery
C14.907.253.092.716.....Hypoxia-Ischemia, Brain
C14.907.253.092.836.....Ischemic Attack, Transient
C14.907.253.092.956.....Vertebrobasilar Insufficiency
C14.907.253.092.956.700.....Subclavian Steal Syndrome
C14.907.253.123.....Carotid Artery Diseases
C14.907.253.123.345.....Carotid Artery Injuries
C14.907.253.123.345.300.....Carotid Artery, Internal, Dissection
C14.907.253.123.355.....Carotid Artery Thrombosis
C14.907.253.123.357.....Carotid-Cavernous Sinus Fistula
C14.907.253.123.360.....Carotid Stenosis
C14.907.253.123.620.....Moyamoya Disease
C14.907.253.329.....Cerebral Small Vessel Diseases
C14.907.253.329.249.....CADASIL
C14.907.253.329.311.....Cerebral Amyloid Angiopathy, Familial
C14.907.253.329.374.....Fabry Disease
C14.907.253.329.500.....MELAS Syndrome
C14.907.253.329.600.....Microscopic Polyangiitis
C14.907.253.329.800.....Stroke, Lacunar
C14.907.253.535.....Cerebrovascular Trauma
C14.907.253.535.500.....Carotid Artery Injuries
C14.907.253.535.500.300.....Carotid Artery, Internal, Dissection
C14.907.253.535.500.350.....Carotid-Cavernous Sinus Fistula
C14.907.253.535.600.....Subarachnoid Hemorrhage, Traumatic
C14.907.253.535.800.....Vertebral Artery Dissection
C14.907.253.560.....Intracranial Arterial Diseases
C14.907.253.560.200.....Cerebral Arterial Diseases
C14.907.253.560.200.175.....CADASIL
C14.907.253.560.200.200.....Cerebral Amyloid Angiopathy
C14.907.253.560.200.200.160.....Cerebral Amyloid Angiopathy, Familial
C14.907.253.560.200.325.....Infarction, Anterior Cerebral Artery
C14.907.253.560.200.387.....Infarction, Middle Cerebral Artery
C14.907.253.560.200.418.....Infarction, Posterior Cerebral Artery
C14.907.253.560.200.737.....Moyamoya Disease
C14.907.253.560.300.....Intracranial Aneurysm
C14.907.253.560.350.....Intracranial Arteriosclerosis
C14.907.253.560.350.500.....Dementia, Vascular

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.253.560.400.....Intracranial Arteriovenous Malformations
C14.907.253.560.400.500.....Vein of Galen Malformations
C14.907.253.566.....Intracranial Embolism and Thrombosis
C14.907.253.566.206.....Carotid Artery Thrombosis
C14.907.253.566.300.....Intracranial Embolism
C14.907.253.566.350.....Intracranial Thrombosis
C14.907.253.566.350.500.....Sinus Thrombosis, Intracranial
C14.907.253.566.350.500.375.....Cavernous Sinus Thrombosis
C14.907.253.566.350.500.562.....Lateral Sinus Thrombosis
C14.907.253.566.350.500.750.....Sagittal Sinus Thrombosis
C14.907.253.573.....Intracranial Hemorrhages
C14.907.253.573.200.....Cerebral Hemorrhage
C14.907.253.573.200.150.....Basal Ganglia Hemorrhage
C14.907.253.573.200.150.500.....Putaminal Hemorrhage
C14.907.253.573.200.200.....Cerebral Hemorrhage, Traumatic
C14.907.253.573.200.600.....Cerebral Intraventricular Hemorrhage
C14.907.253.573.350.....Intracranial Hemorrhage, Hypertensive
C14.907.253.573.400.....Intracranial Hemorrhage, Traumatic
C14.907.253.573.400.150.....Brain Hemorrhage, Traumatic
C14.907.253.573.400.150.200.....Brain Stem Hemorrhage, Traumatic
C14.907.253.573.400.150.300.....Cerebral Hemorrhage, Traumatic
C14.907.253.573.400.400.....Hematoma, Epidural, Cranial
C14.907.253.573.400.450.....Hematoma, Subdural
C14.907.253.573.400.450.050.....Hematoma, Subdural, Acute
C14.907.253.573.400.450.120.....Hematoma, Subdural, Chronic
C14.907.253.573.400.450.400.....Hematoma, Subdural, Intracranial
C14.907.253.573.400.700.....Subarachnoid Hemorrhage, Traumatic
C14.907.253.573.600.....Pituitary Apoplexy
C14.907.253.573.800.....Subarachnoid Hemorrhage
C14.907.253.573.800.700.....Subarachnoid Hemorrhage, Traumatic
C14.907.253.612.....Leukomalacia, Periventricular
C14.907.253.774.....Sneddon Syndrome
C14.907.253.855.....Stroke
C14.907.253.855.200.....Brain Infarction
C14.907.253.855.200.100.....Brain Stem Infarctions
C14.907.253.855.200.100.500.....Lateral Medullary Syndrome
C14.907.253.855.200.200.....Cerebral Infarction
C14.907.253.855.200.200.199.....Dementia, Multi-Infarct
C14.907.253.855.200.200.400.....Infarction, Anterior Cerebral Artery
C14.907.253.855.200.200.450.....Infarction, Middle Cerebral Artery
C14.907.253.855.200.200.475.....Infarction, Posterior Cerebral Artery

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.253.855.600.....Stroke, Lacunar
C14.907.253.937.....Vascular Headaches
C14.907.253.946.....Vasculitis, Central Nervous System
C14.907.253.946.175.....AIDS Arteritis, Central Nervous System
C14.907.253.946.700.....Giant Cell Arteritis
C14.907.253.946.850.....Lupus Vasculitis, Central Nervous System
C14.907.253.951.....Vasospasm, Intracranial
C14.907.286.....Colitis, Ischemic
C14.907.303.....Compartment Syndromes
C14.907.303.063.....Anterior Compartment Syndrome
C14.907.303.297.....Intra-Abdominal Hypertension
C14.907.303.531.....Ischemic Contracture
C14.907.320.....Diabetic Angiopathies
C14.907.320.191.....Diabetic Foot
C14.907.320.382.....Diabetic Retinopathy
C14.907.355.....Embolism and Thrombosis
C14.907.355.350.....Embolism
C14.907.355.350.254.....Embolism, Air
C14.907.355.350.354.....Embolism, Amniotic Fluid
C14.907.355.350.454.....Embolism, Fat
C14.907.355.350.454.500.....Embolism, Cholesterol
C14.907.355.350.454.500.200.....Blue Toe Syndrome
C14.907.355.350.700.....Pulmonary Embolism
C14.907.355.350.700.500.....Pulmonary Infarction
C14.907.355.590.....Thromboembolism
C14.907.355.590.213.....Intracranial Embolism and Thrombosis
C14.907.355.590.213.206.....Carotid Artery Thrombosis
C14.907.355.590.213.300.....Intracranial Embolism
C14.907.355.590.213.350.....Intracranial Thrombosis
C14.907.355.590.213.350.500.....Sinus Thrombosis, Intracranial
C14.907.355.590.213.350.500.375.....Cavernous Sinus Thrombosis
C14.907.355.590.213.350.500.562.....Lateral Sinus Thrombosis
C14.907.355.590.213.350.500.750.....Sagittal Sinus Thrombosis
C14.907.355.590.400.....Embolism, Paradoxical
C14.907.355.590.700.....Venous Thromboembolism
C14.907.355.830.....Thrombosis
C14.907.355.830.220.....Coronary Thrombosis
C14.907.355.830.925.....Venous Thrombosis
C14.907.355.830.925.275.....Budd-Chiari Syndrome
C14.907.355.830.925.462.....Postthrombotic Syndrome
C14.907.355.830.925.650.....Retinal Vein Occlusion



## 2018 MeSH Tree Hierarchy

Tree location	
C14.907.355.830.925.770.....	Thrombophlebitis
C14.907.355.830.925.770.500.....	Lemierre Syndrome
C14.907.355.830.925.885.....	Upper Extremity Deep Vein Thrombosis
C14.907.440.....	Hand-Arm Vibration Syndrome
C14.907.449.....	Hemorrhoids
C14.907.454.....	Hemostatic Disorders
C14.907.454.140.....	Cryoglobulinemia
C14.907.454.240.....	Ehlers-Danlos Syndrome
C14.907.454.385.....	Hemangioma, Cavernous
C14.907.454.385.500.....	Hemangioma, Cavernous, Central Nervous System
C14.907.454.460.....	Multiple Myeloma
C14.907.454.530.....	Pseudoxanthoma Elasticum
C14.907.454.550.....	Purpura, Hyperglobulinemic
C14.907.454.800.....	Scurvy
C14.907.454.810.....	Shwartzman Phenomenon
C14.907.454.900.....	Telangiectasia, Hereditary Hemorrhagic
C14.907.454.960.....	Waldenstrom Macroglobulinemia
C14.907.460.....	Hepatic Venno-Occlusive Disease
C14.907.474.....	Hyperemia
C14.907.489.....	Hypertension
C14.907.489.165.....	Essential Hypertension
C14.907.489.330.....	Hypertension, Malignant
C14.907.489.480.....	Hypertension, Pregnancy-Induced
C14.907.489.631.....	Hypertension, Renal
C14.907.489.631.485.....	Hypertension, Renovascular
C14.907.489.815.....	Hypertensive Retinopathy
C14.907.489.861.....	Masked Hypertension
C14.907.489.907.....	White Coat Hypertension
C14.907.514.....	Hypotension
C14.907.514.482.....	Hypotension, Orthostatic
C14.907.514.611.....	Post-Exercise Hypotension
C14.907.514.741.....	Shy-Drager Syndrome
C14.907.549.....	Mesenteric Ischemia
C14.907.585.....	Myocardial Ischemia
C14.907.585.124.....	Acute Coronary Syndrome
C14.907.585.187.....	Angina Pectoris
C14.907.585.187.150.....	Angina, Unstable
C14.907.585.187.150.500.....	Angina Pectoris, Variant
C14.907.585.187.362.....	Angina, Stable
C14.907.585.187.575.....	Microvascular Angina
C14.907.585.250.....	Coronary Disease

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.585.250.250.....Coronary Aneurysm
C14.907.585.250.260.....Coronary Artery Disease
C14.907.585.250.272.....Coronary Occlusion
C14.907.585.250.285.....Coronary Stenosis
C14.907.585.250.285.200.....Coronary Restenosis
C14.907.585.250.290.....Coronary Thrombosis
C14.907.585.250.295.....Coronary Vasospasm
C14.907.585.250.647.....Coronary-Subclavian Steal Syndrome
C14.907.585.375.....Kounis Syndrome
C14.907.585.500.....Myocardial Infarction
C14.907.585.500.093.....Anterior Wall Myocardial Infarction
C14.907.585.500.187.....Inferior Wall Myocardial Infarction
C14.907.585.500.562.....No-Reflow Phenomenon
C14.907.585.500.656.....Non-ST Elevated Myocardial Infarction
C14.907.585.500.750.....Shock, Cardiogenic
C14.907.585.500.875.....ST Elevation Myocardial Infarction
C14.907.585.625.....Myocardial Reperfusion Injury
C14.907.601.....Optic Neuropathy, Ischemic
C14.907.609.....Peliosis Hepatis
C14.907.617.....Peripheral Vascular Diseases
C14.907.617.249.....Blue Toe Syndrome
C14.907.617.500.....Erythromelalgia
C14.907.617.625.....Livedo Reticularis
C14.907.617.648.....May-Thurner Syndrome
C14.907.617.671.....Peripheral Arterial Disease
C14.907.617.718.....Phlebitis
C14.907.617.718.760.....Postphlebitic Syndrome
C14.907.617.718.788.....Thrombophlebitis
C14.907.617.718.788.500.....Lemierre Syndrome
C14.907.617.812.....Raynaud Disease
C14.907.617.812.500.....CREST Syndrome
C14.907.653.....Prehypertension
C14.907.690.....Pulmonary Veno-Occlusive Disease
C14.907.725.....Reperfusion Injury
C14.907.725.600.....Myocardial Reperfusion Injury
C14.907.725.675.....Primary Graft Dysfunction
C14.907.760.....Retinal Vein Occlusion
C14.907.780.....Scimitar Syndrome
C14.907.790.....Spinal Cord Vascular Diseases
C14.907.790.550.....Spinal Cord Ischemia
C14.907.790.550.100.....Anterior Spinal Artery Syndrome

## 2018 MeSH Tree Hierarchy

Tree location	
C14.907.795.....	Splenic Infarction
C14.907.798.....	Stenosis, Pulmonary Vein
C14.907.800.....	Superior Vena Cava Syndrome
C14.907.823.....	Telangiectasis
C14.907.823.213.....	Ataxia Telangiectasia
C14.907.823.225.....	CREST Syndrome
C14.907.823.502.....	Retinal Telangiectasis
C14.907.823.780.....	Telangiectasia, Hereditary Hemorrhagic
C14.907.863.....	Thoracic Outlet Syndrome
C14.907.863.200.....	Cervical Rib Syndrome
C14.907.903.....	Varicocele
C14.907.927.....	Varicose Veins
C14.907.927.730.....	Varicose Ulcer
C14.907.933.....	Vascular Fistula
C14.907.933.110.....	Arterio-Arterial Fistula
C14.907.933.110.500.....	Bland White Garland Syndrome
C14.907.933.555.....	Arteriovenous Fistula
C14.907.933.555.500.....	Carotid-Cavernous Sinus Fistula
C14.907.936.....	Vascular Neoplasms
C14.907.937.....	Vascular System Injuries
C14.907.940.....	Vasculitis
C14.907.940.080.....	Aortitis
C14.907.940.090.....	Arteritis
C14.907.940.090.170.....	AIDS Arteritis, Central Nervous System
C14.907.940.090.340.....	Endarteritis
C14.907.940.090.530.....	Giant Cell Arteritis
C14.907.940.090.720.....	Polyarteritis Nodosa
C14.907.940.090.800.....	Takayasu Arteritis
C14.907.940.100.....	Behcet Syndrome
C14.907.940.320.....	Cogan Syndrome
C14.907.940.530.....	Malignant Atrophic Papulosis
C14.907.940.560.....	Mucocutaneous Lymph Node Syndrome
C14.907.940.740.....	Phlebitis
C14.907.940.740.910.....	Thrombophlebitis
C14.907.940.740.910.500.....	Lemierre Syndrome
C14.907.940.777.....	Purpura, Schoenlein-Henoch
C14.907.940.815.....	Retinal Vasculitis
C14.907.940.890.....	Shwartzman Phenomenon
C14.907.940.897.....	Systemic Vasculitis
C14.907.940.897.249.....	Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis
C14.907.940.897.249.249.....	Churg-Strauss Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C14.907.940.897.249.500.....Microscopic Polyangiitis
C14.907.940.897.249.750.....Granulomatosis with Polyangiitis
C14.907.940.897.500.....Polyarteritis Nodosa
C14.907.940.897.750.....Rheumatoid Vasculitis
C14.907.940.905.....Thromboangiitis Obliterans
C14.907.940.907.....Vasculitis, Central Nervous System
C14.907.940.907.175.....AIDS Arteritis, Central Nervous System
C14.907.940.907.700.....Giant Cell Arteritis
C14.907.940.907.850.....Lupus Vasculitis, Central Nervous System
C14.907.940.910.....Vasculitis, Leukocytoclastic, Cutaneous
C14.907.946.....Vasoplegia
C14.907.952.....Venous Insufficiency
C14.907.952.760.....Postphlebitic Syndrome
C14.907.952.880.....Postthrombotic Syndrome
C15.....Hemic and Lymphatic Diseases
C15.378.....Hematologic Diseases
C15.378.071.....Anemia
C15.378.071.085.....Anemia, Aplastic
C15.378.071.085.080.....Anemia, Hypoplastic, Congenital
C15.378.071.085.080.090.....Anemia, Diamond-Blackfan
C15.378.071.085.080.280.....Fanconi Anemia
C15.378.071.141.....Anemia, Hemolytic
C15.378.071.141.125.....Anemia, Hemolytic, Autoimmune
C15.378.071.141.150.....Anemia, Hemolytic, Congenital
C15.378.071.141.150.095.....Anemia, Dyserythropoietic, Congenital
C15.378.071.141.150.100.....Anemia, Hemolytic, Congenital Nonspherocytic
C15.378.071.141.150.150.....Anemia, Sickle Cell
C15.378.071.141.150.150.219.....Acute Chest Syndrome
C15.378.071.141.150.150.440.....Hemoglobin SC Disease
C15.378.071.141.150.150.670.....Sickle Cell Trait
C15.378.071.141.150.365.....Elliptocytosis, Hereditary
C15.378.071.141.150.480.....Glucosephosphate Dehydrogenase Deficiency
C15.378.071.141.150.480.370.....Favism
C15.378.071.141.150.490.....Hemoglobin C Disease
C15.378.071.141.150.785.....Spherocytosis, Hereditary
C15.378.071.141.150.875.....Thalassemia
C15.378.071.141.150.875.100.....alpha-Thalassemia
C15.378.071.141.150.875.150.....beta-Thalassemia
C15.378.071.141.150.875.575.....delta-Thalassemia
C15.378.071.141.370.....Favism
C15.378.071.141.560.....Hemoglobinuria, Paroxysmal

## 2018 MeSH Tree Hierarchy

Tree location
C15.378.071.141.610.....Hemolytic-Uremic Syndrome
C15.378.071.141.610.500.....Atypical Hemolytic Uremic Syndrome
C15.378.071.196.....Anemia, Hypochromic
C15.378.071.196.300.....Anemia, Iron-Deficiency
C15.378.071.252.....Anemia, Macrocytic
C15.378.071.252.196.....Anemia, Megaloblastic
C15.378.071.252.196.500.....Anemia, Pernicious
C15.378.071.307.....Anemia, Myelophthisic
C15.378.071.363.....Anemia, Neonatal
C15.378.071.363.344.....Fetofetal Transfusion
C15.378.071.363.511.....Fetomaternal Transfusion
C15.378.071.400.....Anemia, Refractory
C15.378.071.400.080.....Anemia, Refractory, with Excess of Blasts
C15.378.071.419.....Anemia, Sideroblastic
C15.378.071.750.....Red-Cell Aplasia, Pure
C15.378.071.750.500.....Anemia, Diamond-Blackfan
C15.378.100.....Blood Coagulation Disorders
C15.378.100.100.....Blood Coagulation Disorders, Inherited
C15.378.100.100.037.....Activated Protein C Resistance
C15.378.100.100.056.....Afibrinogenemia
C15.378.100.100.075.....Antithrombin III Deficiency
C15.378.100.100.080.....Bernard-Soulier Syndrome
C15.378.100.100.300.....Factor V Deficiency
C15.378.100.100.310.....Factor VII Deficiency
C15.378.100.100.320.....Factor X Deficiency
C15.378.100.100.325.....Factor XI Deficiency
C15.378.100.100.330.....Factor XII Deficiency
C15.378.100.100.335.....Factor XIII Deficiency
C15.378.100.100.500.....Hemophilia A
C15.378.100.100.510.....Hemophilia B
C15.378.100.100.515.....Hermanski-Pudlak Syndrome
C15.378.100.100.550.....Hypoprothrombinemias
C15.378.100.100.690.....Protein C Deficiency
C15.378.100.100.820.....Thrombasthenia
C15.378.100.100.900.....von Willebrand Diseases
C15.378.100.100.900.100.....von Willebrand Disease, Type 1
C15.378.100.100.900.200.....von Willebrand Disease, Type 2
C15.378.100.100.900.300.....von Willebrand Disease, Type 3
C15.378.100.100.970.....Wiskott-Aldrich Syndrome
C15.378.100.141.....Coagulation Protein Disorders
C15.378.100.141.036.....Activated Protein C Resistance

## 2018 MeSH Tree Hierarchy

Tree location
C15.378.100.141.072.....Afibrinogenemia
C15.378.100.141.300.....Factor V Deficiency
C15.378.100.141.310.....Factor VII Deficiency
C15.378.100.141.320.....Factor X Deficiency
C15.378.100.141.325.....Factor XI Deficiency
C15.378.100.141.330.....Factor XII Deficiency
C15.378.100.141.335.....Factor XIII Deficiency
C15.378.100.141.500.....Hemophilia A
C15.378.100.141.510.....Hemophilia B
C15.378.100.141.550.....Hypoprothrombinemias
C15.378.100.141.900.....von Willebrand Diseases
C15.378.100.141.900.100.....von Willebrand Disease, Type 1
C15.378.100.141.900.200.....von Willebrand Disease, Type 2
C15.378.100.141.900.300.....von Willebrand Disease, Type 3
C15.378.100.220.....Disseminated Intravascular Coagulation
C15.378.100.452.....Ecchymosis
C15.378.100.685.....Platelet Storage Pool Deficiency
C15.378.100.685.400.....Hermanski-Pudlak Syndrome
C15.378.100.800.....Protein S Deficiency
C15.378.100.802.....Purpura
C15.378.100.802.230.....Purpura Fulminans
C15.378.100.802.250.....Purpura, Hyperglobulinemic
C15.378.100.802.375.....Purpura, Schoenlein-Henoch
C15.378.100.802.687.....Purpura, Thrombocytopenic
C15.378.100.802.687.600.....Purpura, Thrombocytopenic, Idiopathic
C15.378.100.802.687.680.....Purpura, Thrombotic Thrombocytopenic
C15.378.100.802.843.....Waterhouse-Friderichsen Syndrome
C15.378.100.832.....Thrombocythemia, Essential
C15.378.100.920.....Vitamin K Deficiency
C15.378.100.920.360.....Vitamin K Deficiency Bleeding
C15.378.140.....Blood Platelet Disorders
C15.378.140.120.....Bernard-Soulier Syndrome
C15.378.140.427.....Gray Platelet Syndrome
C15.378.140.735.....Platelet Storage Pool Deficiency
C15.378.140.735.400.....Hermanski-Pudlak Syndrome
C15.378.140.810.....Thrombasthenia
C15.378.140.855.....Thrombocytopenia
C15.378.140.855.440.....Jacobsen Distal 11q Deletion Syndrome
C15.378.140.855.645.....Kasabach-Merritt Syndrome
C15.378.140.855.850.....Thrombocytopenia, Neonatal Alloimmune
C15.378.140.855.925.....Thrombotic Microangiopathies

## 2018 MeSH Tree Hierarchy

Tree location
C15.378.140.855.925.500.....Hemolytic-Uremic Syndrome
C15.378.140.855.925.500.500.....Atypical Hemolytic Uremic Syndrome
C15.378.140.855.925.750.....Purpura, Thrombocytopenic
C15.378.140.855.925.750.600.....Purpura, Thrombocytopenic, Idiopathic
C15.378.140.855.925.750.680.....Purpura, Thrombotic Thrombocytopenic
C15.378.140.860.....Thrombocytosis
C15.378.140.860.800.....Thrombocythemia, Essential
C15.378.140.900.....von Willebrand Diseases
C15.378.147.....Blood Protein Disorders
C15.378.147.142.....Agammaglobulinemia
C15.378.147.150.....Antithrombin III Deficiency
C15.378.147.333.....Dysgammaglobulinemia
C15.378.147.333.249.....Hyper-IgM Immunodeficiency Syndrome
C15.378.147.333.249.500.....Hyper-IgM Immunodeficiency Syndrome, Type 1
C15.378.147.333.500.....IgA Deficiency
C15.378.147.333.750.....IgG Deficiency
C15.378.147.542.....Hypergammaglobulinemia
C15.378.147.542.319.....Mevalonate Kinase Deficiency
C15.378.147.542.640.....Monoclonal Gammopathy of Undetermined Significance
C15.378.147.542.820.....Smoldering Multiple Myeloma
C15.378.147.607.....Hypoproteinemia
C15.378.147.607.500.....Hypoalbuminemia
C15.378.147.780.....Paraproteinemias
C15.378.147.780.243.....Cryoglobulinemia
C15.378.147.780.490.....Heavy Chain Disease
C15.378.147.780.490.512.....Immunoproliferative Small Intestinal Disease
C15.378.147.780.570.....Monoclonal Gammopathy of Undetermined Significance
C15.378.147.780.650.....Multiple Myeloma
C15.378.147.780.750.....POEMS Syndrome
C15.378.147.780.838.....Smoldering Multiple Myeloma
C15.378.147.780.925.....Waldenstrom Macroglobulinemia
C15.378.147.880.....Protein C Deficiency
C15.378.147.890.....Protein S Deficiency
C15.378.190.....Bone Marrow Diseases
C15.378.190.196.....Anemia, Aplastic
C15.378.190.196.080.....Anemia, Hypoplastic, Congenital
C15.378.190.196.080.090.....Anemia, Diamond-Blackfan
C15.378.190.196.080.280.....Fanconi Anemia
C15.378.190.250.....Bone Marrow Neoplasms
C15.378.190.250.500.....Polycythemia Vera
C15.378.190.615.....Myelodysplastic-Myeloproliferative Diseases

## 2018 MeSH Tree Hierarchy

Tree location
C15.378.190.615.500.....Leukemia, Myeloid, Chronic, Atypical, BCR-ABL Negative
C15.378.190.615.510.....Leukemia, Myelomonocytic, Chronic
C15.378.190.615.520.....Leukemia, Myelomonocytic, Juvenile
C15.378.190.625.....Myelodysplastic Syndromes
C15.378.190.625.062.....Anemia, Refractory
C15.378.190.625.062.080.....Anemia, Refractory, with Excess of Blasts
C15.378.190.625.070.....Anemia, Sideroblastic
C15.378.190.625.460.....Hemoglobinuria, Paroxysmal
C15.378.190.636.....Myeloproliferative Disorders
C15.378.190.636.085.....Anemia, Myelophthistic
C15.378.190.636.276.....Leukemia, Erythroblastic, Acute
C15.378.190.636.370.....Leukemia, Myelogenous, Chronic, BCR-ABL Positive
C15.378.190.636.370.100.....Blast Crisis
C15.378.190.636.370.300.....Leukemia, Myeloid, Accelerated Phase
C15.378.190.636.370.400.....Leukemia, Myeloid, Chronic-Phase
C15.378.190.636.380.....Leukemia, Neutrophilic, Chronic
C15.378.190.636.484.....Leukemoid Reaction
C15.378.190.636.753.....Polycythemia Vera
C15.378.190.636.765.....Primary Myelofibrosis
C15.378.190.636.860.....Thrombocytosis
C15.378.190.636.860.800.....Thrombocythemia, Essential
C15.378.295.....Erythroblastosis, Fetal
C15.378.295.480.....Hydrops Fetalis
C15.378.295.502.....Kernicterus
C15.378.400.....Hematologic Neoplasms
C15.378.400.200.....Bone Marrow Neoplasms
C15.378.400.200.500.....Polycythemia Vera
C15.378.420.....Hemoglobinopathies
C15.378.420.155.....Anemia, Sickle Cell
C15.378.420.155.219.....Acute Chest Syndrome
C15.378.420.155.440.....Hemoglobin SC Disease
C15.378.420.155.668.....Sickle Cell Trait
C15.378.420.463.....Hemoglobin C Disease
C15.378.420.826.....Thalassemia
C15.378.420.826.100.....alpha-Thalassemia
C15.378.420.826.100.350.....Hydrops Fetalis
C15.378.420.826.150.....beta-Thalassemia
C15.378.420.826.200.....delta-Thalassemia
C15.378.463.....Hemorrhagic Disorders
C15.378.463.067.....Afibrinogenemia
C15.378.463.080.....Bernard-Soulier Syndrome



## 2018 MeSH Tree Hierarchy

Tree location	
C15.378.463.250.....	Disseminated Intravascular Coagulation
C15.378.463.300.....	Factor V Deficiency
C15.378.463.310.....	Factor VII Deficiency
C15.378.463.320.....	Factor X Deficiency
C15.378.463.325.....	Factor XI Deficiency
C15.378.463.330.....	Factor XII Deficiency
C15.378.463.335.....	Factor XIII Deficiency
C15.378.463.500.....	Hemophilia A
C15.378.463.510.....	Hemophilia B
C15.378.463.515.....	Hemostatic Disorders
C15.378.463.515.140.....	Cryoglobulinemia
C15.378.463.515.240.....	Ehlers-Danlos Syndrome
C15.378.463.515.385.....	Hemangioma, Cavernous
C15.378.463.515.385.500.....	Hemangioma, Cavernous, Central Nervous System
C15.378.463.515.460.....	Multiple Myeloma
C15.378.463.515.530.....	Pseudoxanthoma Elasticum
C15.378.463.515.550.....	Purpura, Hyperglobulinemic
C15.378.463.515.580.....	Purpura, Schoenlein-Henoch
C15.378.463.515.800.....	Scurvy
C15.378.463.515.810.....	Shwartzman Phenomenon
C15.378.463.515.900.....	Telangiectasia, Hereditary Hemorrhagic
C15.378.463.515.960.....	Waldenstrom Macroglobulinemia
C15.378.463.550.....	Hypoprothrombinemias
C15.378.463.735.....	Platelet Storage Pool Deficiency
C15.378.463.735.400.....	Hermanski-Pudlak Syndrome
C15.378.463.740.....	Purpura, Thrombocytopenic, Idiopathic
C15.378.463.810.....	Thrombasthenia
C15.378.463.825.....	Thrombocythemia, Essential
C15.378.463.841.....	Vitamin K Deficiency
C15.378.463.841.464.....	Vitamin K Deficiency Bleeding
C15.378.463.920.....	von Willebrand Diseases
C15.378.463.920.100.....	von Willebrand Disease, Type 1
C15.378.463.920.200.....	von Willebrand Disease, Type 2
C15.378.463.920.300.....	von Willebrand Disease, Type 3
C15.378.463.950.....	Waterhouse-Friderichsen Syndrome
C15.378.463.960.....	Wiskott-Aldrich Syndrome
C15.378.553.....	Leukocyte Disorders
C15.378.553.231.....	Eosinophilia
C15.378.553.231.085.....	Angiolymphoid Hyperplasia with Eosinophilia
C15.378.553.231.335.....	Eosinophilia-Myalgia Syndrome
C15.378.553.231.341.....	Eosinophilic Esophagitis

## 2018 MeSH Tree Hierarchy

Tree location
C15.378.553.231.348.....Eosinophilic Granuloma
C15.378.553.231.549.....Hypereosinophilic Syndrome
C15.378.553.231.549.750.....Pulmonary Eosinophilia
C15.378.553.381.....Infectious Mononucleosis
C15.378.553.475.....Leukocytosis
C15.378.553.475.428.....Leukemoid Reaction
C15.378.553.475.604.....Lymphocytosis
C15.378.553.546.....Leukopenia
C15.378.553.546.184.....Agranulocytosis
C15.378.553.546.184.564.....Neutropenia
C15.378.553.546.184.564.750.....Febrile Neutropenia
C15.378.553.546.184.564.750.500.....Chemotherapy-Induced Febrile Neutropenia
C15.378.553.546.605.....Lymphopenia
C15.378.553.546.605.800.....T-Lymphocytopenia, Idiopathic CD4-Positive
C15.378.553.546.605.900.....Wiskott-Aldrich Syndrome
C15.378.553.560.....Leukostasis
C15.378.553.696.....Pelger-Huet Anomaly
C15.378.553.774.....Phagocyte Bactericidal Dysfunction
C15.378.553.774.257.....Chediak-Higashi Syndrome
C15.378.553.774.535.....Granulomatous Disease, Chronic
C15.378.553.774.600.....Job Syndrome
C15.378.619.....Methemoglobinemia
C15.378.700.....Pancytopenia
C15.378.738.....Polycythemia
C15.378.785.....Pregnancy Complications, Hematologic
C15.378.800.....Preleukemia
C15.378.896.....Sulfhemoglobinemia
C15.378.925.....Thrombophilia
C15.378.925.050.....Activated Protein C Resistance
C15.378.925.075.....Antithrombin III Deficiency
C15.378.925.220.....Disseminated Intravascular Coagulation
C15.378.925.795.....Protein C Deficiency
C15.378.925.800.....Protein S Deficiency
C15.378.925.850.....Purpura, Thrombotic Thrombocytopenic
C15.378.962.....Transfusion Reaction
C15.378.962.500.....Transfusion-Related Acute Lung Injury
C15.604.....Lymphatic Diseases
C15.604.250.....Histiocytosis
C15.604.250.390.....Histiocytic Disorders, Malignant
C15.604.250.390.190.....Dendritic Cell Sarcoma, Follicular
C15.604.250.390.199.....Dendritic Cell Sarcoma, Interdigitating

## 2018 MeSH Tree Hierarchy

Tree location
C15.604.250.390.380.....Histiocytic Sarcoma
C15.604.250.390.500.....Langerhans Cell Sarcoma
C15.604.250.400.....Histiocytosis, Langerhans-Cell
C15.604.250.400.360.....Eosinophilic Granuloma
C15.604.250.410.....Histiocytosis, Non-Langerhans-Cell
C15.604.250.410.224.....Erdheim-Chester Disease
C15.604.250.410.450.....Histiocytosis, Sinus
C15.604.250.410.575.....Lymphohistiocytosis, Hemophagocytic
C15.604.250.410.625.....Niemann-Pick Diseases
C15.604.250.410.625.500.....Niemann-Pick Disease, Type A
C15.604.250.410.625.750.....Niemann-Pick Disease, Type B
C15.604.250.410.625.875.....Niemann-Pick Disease, Type C
C15.604.250.410.800.....Sea-Blue Histiocyte Syndrome
C15.604.250.410.900.....Xanthogranuloma, Juvenile
C15.604.315.....Lymphadenitis
C15.604.315.249.....Cat-Scratch Disease
C15.604.315.300.....Histiocytic Necrotizing Lymphadenitis
C15.604.315.618.....Mesenteric Lymphadenitis
C15.604.338.....Lymphadenopathy
C15.604.338.500.....Immunoblastic Lymphadenopathy
C15.604.360.....Lymphangiectasis
C15.604.360.500.....Lymphangiectasis, Intestinal
C15.604.406.....Lymphangitis
C15.604.451.....Lymphatic Abnormalities
C15.604.451.249.....22q11 Deletion Syndrome
C15.604.451.249.500.....DiGeorge Syndrome
C15.604.451.500.....Lymphangiectasis, Intestinal
C15.604.496.....Lymphedema
C15.604.496.160.....Breast Cancer Lymphedema
C15.604.496.320.....Elephantiasis
C15.604.496.490.....Elephantiasis, Filarial
C15.604.496.660.....Non-Filarial Lymphedema
C15.604.510.....Lymphocele
C15.604.515.....Lymphoproliferative Disorders
C15.604.515.032.....Agammaglobulinemia
C15.604.515.138.....Autoimmune Lymphoproliferative Syndrome
C15.604.515.245.....Castleman Disease
C15.604.515.292.....Granuloma
C15.604.515.292.007.....Angiolymphoid Hyperplasia with Eosinophilia
C15.604.515.292.015.....Churg-Strauss Syndrome
C15.604.515.292.507.....Necrobiotic Xanthogranuloma

## 2018 MeSH Tree Hierarchy

Tree location
C15.604.515.435.....Heavy Chain Disease
C15.604.515.435.512.....Immunoproliferative Small Intestinal Disease
C15.604.515.509.....Immunoblastic Lymphadenopathy
C15.604.515.516.....Infectious Mononucleosis
C15.604.515.553.....Leukemia, Hairy Cell
C15.604.515.560.....Leukemia, Lymphoid
C15.604.515.560.080.....Leukemia, B-Cell
C15.604.515.560.080.125.....Leukemia, Lymphocytic, Chronic, B-Cell
C15.604.515.560.080.562.....Leukemia, Prolymphocytic, B-Cell
C15.604.515.560.100.....Leukemia, Biphenotypic, Acute
C15.604.515.560.550.....Leukemia, Prolymphocytic
C15.604.515.560.550.745.....Leukemia, Prolymphocytic, B-Cell
C15.604.515.560.550.750.....Leukemia, Prolymphocytic, T-Cell
C15.604.515.560.575.....Leukemia, T-Cell
C15.604.515.560.575.049.....Leukemia, Large Granular Lymphocytic
C15.604.515.560.575.100.....Leukemia-Lymphoma, Adult T-Cell
C15.604.515.560.575.125.....Leukemia, Prolymphocytic, T-Cell
C15.604.515.560.600.....Precursor Cell Lymphoblastic Leukemia-Lymphoma
C15.604.515.560.600.600.....Precursor B-Cell Lymphoblastic Leukemia-Lymphoma
C15.604.515.560.600.620.....Precursor T-Cell Lymphoblastic Leukemia-Lymphoma
C15.604.515.562.....Lymphangiomyoma
C15.604.515.562.465.....Lymphangioliomyomatosis
C15.604.515.569.....Lymphoma
C15.604.515.569.150.....Composite Lymphoma
C15.604.515.569.355.....Hodgkin Disease
C15.604.515.569.417.....Intraocular Lymphoma
C15.604.515.569.480.....Lymphoma, Non-Hodgkin
C15.604.515.569.480.150.....Lymphoma, B-Cell
C15.604.515.569.480.150.165.....Burkitt Lymphoma
C15.604.515.569.480.150.450.....Lymphoma, AIDS-Related
C15.604.515.569.480.150.570.....Lymphoma, B-Cell, Marginal Zone
C15.604.515.569.480.150.585.....Lymphoma, Large B-Cell, Diffuse
C15.604.515.569.480.150.585.500.....Plasmablastic Lymphoma
C15.604.515.569.480.150.592.....Lymphoma, Primary Effusion
C15.604.515.569.480.150.600.....Lymphomatoid Granulomatosis
C15.604.515.569.480.350.....Lymphoma, Follicular
C15.604.515.569.480.493.....Lymphoma, Large-Cell, Immunoblastic
C15.604.515.569.480.525.....Lymphoma, Mantle-Cell
C15.604.515.569.480.750.....Lymphoma, T-Cell
C15.604.515.569.480.750.399.....Enteropathy-Associated T-Cell Lymphoma
C15.604.515.569.480.750.600.....Lymphoma, Large-Cell, Anaplastic

## 2018 MeSH Tree Hierarchy

Tree location	
C15.604.515.569.480.750.800.....	Lymphoma, T-Cell, Cutaneous
C15.604.515.569.480.750.800.507.....	Lymphoma, Primary Cutaneous Anaplastic Large Cell
C15.604.515.569.480.750.800.528.....	Lymphomatoid Papulosis
C15.604.515.569.480.750.800.550.....	Mycosis Fungoides
C15.604.515.569.480.750.800.550.600.....	Pagetoid Reticulosis
C15.604.515.569.480.750.800.775.....	Sezary Syndrome
C15.604.515.569.480.750.825.....	Lymphoma, T-Cell, Peripheral
C15.604.515.700.....	Marek Disease
C15.604.515.827.....	Sarcoidosis
C15.604.515.827.725.....	Sarcoidosis, Pulmonary
C15.604.515.827.865.....	Uveoparotid Fever
C15.604.515.841.....	Sezary Syndrome
C15.604.515.880.....	Tumor Lysis Syndrome
C15.604.515.925.....	Waldenstrom Macroglobulinemia
C15.604.560.....	Mucocutaneous Lymph Node Syndrome
C15.604.613.....	Pseudolymphoma
C15.604.744.....	Splenic Diseases
C15.604.744.146.....	Heterotaxy Syndrome
C15.604.744.293.....	Hypersplenism
C15.604.744.617.....	Splenic Infarction
C15.604.744.680.....	Splenic Neoplasms
C15.604.744.742.....	Splenic Rupture
C15.604.744.742.500.....	Splenosis
C15.604.744.909.....	Tuberculosis, Splenic
C15.604.744.954.....	Wandering Spleen
C15.604.816.....	Thymus Hyperplasia
C15.604.861.....	Thymus Neoplasms
C15.604.861.800.....	Thymoma
C16.....	Congenital, Hereditary, and Neonatal Diseases and Abnormalities
C16.131.....	Congenital Abnormalities
C16.131.042.....	Abnormalities, Drug-Induced
C16.131.077.....	Abnormalities, Multiple
C16.131.077.019.....	22q11 Deletion Syndrome
C16.131.077.019.500.....	DiGeorge Syndrome
C16.131.077.065.....	Alagille Syndrome
C16.131.077.095.....	Angelman Syndrome
C16.131.077.121.....	Barth Syndrome
C16.131.077.130.....	Basal Cell Nevus Syndrome
C16.131.077.133.....	Beckwith-Wiedemann Syndrome
C16.131.077.137.....	Bloom Syndrome
C16.131.077.208.....	Branchio-Oto-Renal Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.077.229.....Carney Complex
C16.131.077.239.....CHARGE Syndrome
C16.131.077.245.....Ciliopathies
C16.131.077.245.063.....Alstrom Syndrome
C16.131.077.245.125.....Bardet-Biedl Syndrome
C16.131.077.245.250.....Caroli Disease
C16.131.077.245.500.....Ciliary Motility Disorders
C16.131.077.245.500.531.....Kartagener Syndrome
C16.131.077.250.....Cockayne Syndrome
C16.131.077.256.....Costello Syndrome
C16.131.077.262.....Cri-du-Chat Syndrome
C16.131.077.272.....De Lange Syndrome
C16.131.077.299.....Deaf-Blind Disorders
C16.131.077.299.500.....Usher Syndromes
C16.131.077.299.750.....Wolfram Syndrome
C16.131.077.313.....Donohue Syndrome
C16.131.077.327.....Down Syndrome
C16.131.077.350.....Ectodermal Dysplasia
C16.131.077.350.198.....Ectodermal Dysplasia 1, Anhidrotic
C16.131.077.350.298.....Ectodermal Dysplasia 3, Anhidrotic
C16.131.077.350.348.....Ectodermal Dysplasia, Hypohidrotic, Autosomal Recessive
C16.131.077.350.398.....Ellis-Van Creveld Syndrome
C16.131.077.350.424.....Focal Dermal Hypoplasia
C16.131.077.350.712.....Neurocutaneous Syndromes
C16.131.077.371.....Fraser Syndrome
C16.131.077.393.....Gardner Syndrome
C16.131.077.401.....Heterotaxy Syndrome
C16.131.077.410.....Holoprosencephaly
C16.131.077.445.....Incontinentia Pigmenti
C16.131.077.477.....Isolated Noncompaction of the Ventricular Myocardium
C16.131.077.509.....Laurence-Moon Syndrome
C16.131.077.525.....LEOPARD Syndrome
C16.131.077.537.....Loeys-Dietz Syndrome
C16.131.077.550.....Marfan Syndrome
C16.131.077.578.....Mobius Syndrome
C16.131.077.592.....Monilethrix
C16.131.077.606.....Nail-Patella Syndrome
C16.131.077.619.....Netherton Syndrome
C16.131.077.633.....Nevus, Sebaceous of Jadassohn
C16.131.077.662.....Oculocerebrorenal Syndrome
C16.131.077.676.....Orofaciodigital Syndromes

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.077.690.....Pallister-Hall Syndrome
C16.131.077.696.....Pentalogy of Cantrell
C16.131.077.703.....POEMS Syndrome
C16.131.077.717.....Polycystic Kidney Diseases
C16.131.077.717.500.....Polycystic Kidney, Autosomal Dominant
C16.131.077.717.510.....Polycystic Kidney, Autosomal Recessive
C16.131.077.730.....Prader-Willi Syndrome
C16.131.077.735.....Prolidase Deficiency
C16.131.077.740.....Proteus Syndrome
C16.131.077.745.....Prune Belly Syndrome
C16.131.077.790.....Rubella Syndrome, Congenital
C16.131.077.804.....Rubinstein-Taybi Syndrome
C16.131.077.850.....Short Rib-Polydactyly Syndrome
C16.131.077.855.....Silver-Russell Syndrome
C16.131.077.860.....Smith-Lemli-Opitz Syndrome
C16.131.077.879.....Smith-Magenis Syndrome
C16.131.077.889.....Sotos Syndrome
C16.131.077.899.....Trichothiodystrophy Syndromes
C16.131.077.919.....Trisomy 13 Syndrome
C16.131.077.929.....Trisomy 18 Syndrome
C16.131.077.938.....Waardenburg Syndrome
C16.131.077.941.....Weill-Marchesani Syndrome
C16.131.077.944.....Wolf-Hirschhorn Syndrome
C16.131.077.970.....Zellweger Syndrome
C16.131.080.....Abnormalities, Radiation-Induced
C16.131.085.....Abnormalities, Severe Teratoid
C16.131.085.197.....Anencephaly
C16.131.085.806.....Twins, Conjoined
C16.131.162.....Aicardi Syndrome
C16.131.240.....Cardiovascular Abnormalities
C16.131.240.400.....Heart Defects, Congenital
C16.131.240.400.021.....22q11 Deletion Syndrome
C16.131.240.400.021.500.....DiGeorge Syndrome
C16.131.240.400.044.....Alagille Syndrome
C16.131.240.400.090.....Aortic Coarctation
C16.131.240.400.145.....Arrhythmogenic Right Ventricular Dysplasia
C16.131.240.400.172.....Barth Syndrome
C16.131.240.400.200.....Cor Triatriatum
C16.131.240.400.210.....Coronary Vessel Anomalies
C16.131.240.400.210.249.....Bland White Garland Syndrome
C16.131.240.400.210.500.....Myocardial Bridging

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.240.400.220.....Crisscross Heart
C16.131.240.400.280.....Dextrocardia
C16.131.240.400.280.500.....Kartagener Syndrome
C16.131.240.400.340.....Ductus Arteriosus, Patent
C16.131.240.400.395.....Ebstein Anomaly
C16.131.240.400.422.....Ectopia Cordis
C16.131.240.400.450.....Eisenmenger Complex
C16.131.240.400.560.....Heart Septal Defects
C16.131.240.400.560.098.....Aortopulmonary Septal Defect
C16.131.240.400.560.098.500.....Truncus Arteriosus, Persistent
C16.131.240.400.560.350.....Endocardial Cushion Defects
C16.131.240.400.560.375.....Heart Septal Defects, Atrial
C16.131.240.400.560.375.258.....Foramen Ovale, Patent
C16.131.240.400.560.375.518.....Lutembacher Syndrome
C16.131.240.400.560.540.....Heart Septal Defects, Ventricular
C16.131.240.400.592.....Heterotaxy Syndrome
C16.131.240.400.625.....Hypoplastic Left Heart Syndrome
C16.131.240.400.655.....Isolated Noncompaction of the Ventricular Myocardium
C16.131.240.400.685.....LEOPARD Syndrome
C16.131.240.400.701.....Levocardia
C16.131.240.400.715.....Long QT Syndrome
C16.131.240.400.715.070.....Andersen Syndrome
C16.131.240.400.715.440.....Jervell-Lange Nielsen Syndrome
C16.131.240.400.715.720.....Romano-Ward Syndrome
C16.131.240.400.720.....Marfan Syndrome
C16.131.240.400.784.....Noonan Syndrome
C16.131.240.400.849.....Tetralogy of Fallot
C16.131.240.400.915.....Transposition of Great Vessels
C16.131.240.400.915.300.....Double Outlet Right Ventricle
C16.131.240.400.920.....Tricuspid Atresia
C16.131.240.400.960.....Trilogy of Fallot
C16.131.240.400.965.....Trisomy 13 Syndrome
C16.131.240.400.968.....Trisomy 18 Syndrome
C16.131.240.400.970.....Turner Syndrome
C16.131.240.400.980.....Wolff-Parkinson-White Syndrome
C16.131.240.850.....Vascular Malformations
C16.131.240.850.500.....Arterio-Arterial Fistula
C16.131.240.850.500.500.....Bland White Garland Syndrome
C16.131.240.850.750.....Arteriovenous Malformations
C16.131.240.850.750.125.....Arteriovenous Fistula
C16.131.240.850.750.125.500.....Carotid-Cavernous Sinus Fistula



## 2018 MeSH Tree Hierarchy

Tree location
C16.131.240.850.750.295.....Intracranial Arteriovenous Malformations
C16.131.240.850.750.295.500.....Vein of Galen Malformations
C16.131.240.850.875.....Central Nervous System Vascular Malformations
C16.131.240.850.875.500.....Intracranial Arteriovenous Malformations
C16.131.240.850.875.500.500.....Vein of Galen Malformations
C16.131.240.850.890.....May-Thurner Syndrome
C16.131.240.850.898.....Median Arcuate Ligament Syndrome
C16.131.240.850.906.....Pulmonary Atresia
C16.131.240.850.937.....Scimitar Syndrome
C16.131.240.850.952.....Single Umbilical Artery
C16.131.240.850.968.....Telangiectasia, Hereditary Hemorrhagic
C16.131.240.850.984.....Vascular Ring
C16.131.260.....Chromosome Disorders
C16.131.260.019.....22q11 Deletion Syndrome
C16.131.260.019.500.....DiGeorge Syndrome
C16.131.260.040.....Angelman Syndrome
C16.131.260.080.....Beckwith-Wiedemann Syndrome
C16.131.260.090.....Branchio-Oto-Renal Syndrome
C16.131.260.190.....Cri-du-Chat Syndrome
C16.131.260.210.....De Lange Syndrome
C16.131.260.260.....Down Syndrome
C16.131.260.380.....Holoprosencephaly
C16.131.260.440.....Jacobsen Distal 11q Deletion Syndrome
C16.131.260.700.....Prader-Willi Syndrome
C16.131.260.790.....Rubinstein-Taybi Syndrome
C16.131.260.830.....Sex Chromosome Disorders
C16.131.260.830.300.....Fragile X Syndrome
C16.131.260.830.670.....Orofaciodigital Syndromes
C16.131.260.830.835.....Sex Chromosome Disorders of Sex Development
C16.131.260.830.835.249.....Gonadal Dysgenesis, Mixed
C16.131.260.830.835.500.....Klinefelter Syndrome
C16.131.260.830.835.750.....Turner Syndrome
C16.131.260.870.....Silver-Russell Syndrome
C16.131.260.887.....Smith-Magenis Syndrome
C16.131.260.905.....Sotos Syndrome
C16.131.260.923.....Trisomy 13 Syndrome
C16.131.260.932.....Trisomy 18 Syndrome
C16.131.260.940.....WAGR Syndrome
C16.131.260.970.....Williams Syndrome
C16.131.260.985.....Wolf-Hirschhorn Syndrome
C16.131.287.....Congenital Microtia

## 2018 MeSH Tree Hierarchy

Tree location	
C16.131.314.....	Digestive System Abnormalities
C16.131.314.047.....	Anorectal Malformations
C16.131.314.094.....	Anus, Imperforate
C16.131.314.125.....	Biliary Atresia
C16.131.314.184.....	Choledochal Cyst
C16.131.314.184.500.....	Caroli Disease
C16.131.314.244.....	Diaphragmatic Eventration
C16.131.314.330.....	Esophageal Atresia
C16.131.314.439.....	Hirschsprung Disease
C16.131.314.466.....	Intestinal Atresia
C16.131.314.556.....	Meckel Diverticulum
C16.131.384.....	Eye Abnormalities
C16.131.384.079.....	Aniridia
C16.131.384.079.950.....	WAGR Syndrome
C16.131.384.159.....	Anophthalmos
C16.131.384.190.....	Blepharophimosis
C16.131.384.282.....	Coloboma
C16.131.384.405.....	Ectopia Lentis
C16.131.384.442.....	Fraser Syndrome
C16.131.384.480.....	Hydrophthalmos
C16.131.384.666.....	Microphthalmos
C16.131.384.725.....	Persistent Hyperplastic Primary Vitreous
C16.131.384.784.....	Retinal Dysplasia
C16.131.433.....	Hernias, Diaphragmatic, Congenital
C16.131.482.....	Lymphatic Abnormalities
C16.131.482.249.....	22q11 Deletion Syndrome
C16.131.482.249.500.....	DiGeorge Syndrome
C16.131.482.500.....	Lymphangiectasis, Intestinal
C16.131.621.....	Musculoskeletal Abnormalities
C16.131.621.077.....	Arthrogyposis
C16.131.621.142.....	Campomelic Dysplasia
C16.131.621.174.....	Cervical Rib Syndrome
C16.131.621.207.....	Craniofacial Abnormalities
C16.131.621.207.103.....	22q11 Deletion Syndrome
C16.131.621.207.103.500.....	DiGeorge Syndrome
C16.131.621.207.207.....	Cleidocranial Dysplasia
C16.131.621.207.231.....	Craniofacial Dysostosis
C16.131.621.207.231.427.....	Hallermann's Syndrome
C16.131.621.207.231.480.....	Hypertelorism
C16.131.621.207.231.576.....	Mandibulofacial Dysostosis
C16.131.621.207.231.576.410.....	Goldenhar Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.621.207.240.....Craniosynostoses
C16.131.621.207.240.100.....Acrocephalosyndactylia
C16.131.621.207.410.....Holoprosencephaly
C16.131.621.207.525.....LEOPARD Syndrome
C16.131.621.207.532.....Megalencephaly
C16.131.621.207.532.500.....Hemimegalencephaly
C16.131.621.207.540.....Maxillofacial Abnormalities
C16.131.621.207.540.170.....Cherubism
C16.131.621.207.540.315.....Dentofacial Deformities
C16.131.621.207.540.460.....Jaw Abnormalities
C16.131.621.207.540.460.185.....Cleft Palate
C16.131.621.207.540.460.457.....Micrognathism
C16.131.621.207.540.460.606.....Pierre Robin Syndrome
C16.131.621.207.540.460.655.....Prognathism
C16.131.621.207.540.460.827.....Retrognathia
C16.131.621.207.620.....Microcephaly
C16.131.621.207.620.500.....Porencephaly
C16.131.621.207.690.....Noonan Syndrome
C16.131.621.207.700.....Orofaciodigital Syndromes
C16.131.621.207.707.....Plagiocephaly
C16.131.621.207.707.624.....Plagiocephaly, Nonsynostotic
C16.131.621.207.720.....Platybasia
C16.131.621.207.850.....Rubinstein-Taybi Syndrome
C16.131.621.386.....Funnel Chest
C16.131.621.417.....Gastroschisis
C16.131.621.445.....Hajdu-Cheney Syndrome
C16.131.621.449.....Hip Dislocation, Congenital
C16.131.621.551.....Klippel-Feil Syndrome
C16.131.621.568.....Laryngomalacia
C16.131.621.585.....Limb Deformities, Congenital
C16.131.621.585.174.....Arachnodactyly
C16.131.621.585.262.....Brachydactyly
C16.131.621.585.350.....Ectromelia
C16.131.621.585.512.....Lower Extremity Deformities, Congenital
C16.131.621.585.512.500.....Foot Deformities, Congenital
C16.131.621.585.512.500.681.....Talipes
C16.131.621.585.512.500.681.063.....Clubfoot
C16.131.621.585.512.500.681.125.....Equinus Deformity
C16.131.621.585.512.500.681.250.....Flatfoot
C16.131.621.585.512.500.681.500.....Talipes Cavus
C16.131.621.585.512.500.787.....Tarsal Coalition

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.621.585.600.....Polydactyly
C16.131.621.585.600.374.....Pallister-Hall Syndrome
C16.131.621.585.600.750.....Short Rib-Polydactyly Syndrome
C16.131.621.585.620.....Proteus Syndrome
C16.131.621.585.800.....Syndactyly
C16.131.621.585.800.100.....Acrocephalosyndactylia
C16.131.621.585.800.428.....Fraser Syndrome
C16.131.621.585.800.756.....Poland Syndrome
C16.131.621.585.984.....Thanatophoric Dysplasia
C16.131.621.585.988.....Upper Extremity Deformities, Congenital
C16.131.621.585.988.500.....Hand Deformities, Congenital
C16.131.621.745.....Pectus Carinatum
C16.131.621.906.....Synostosis
C16.131.621.906.181.....Antley-Bixler Syndrome Phenotype
C16.131.621.906.364.....Craniosynostoses
C16.131.621.906.364.100.....Acrocephalosyndactylia
C16.131.621.906.819.....Syndactyly
C16.131.621.906.819.100.....Acrocephalosyndactylia
C16.131.621.906.819.428.....Fraser Syndrome
C16.131.621.906.819.756.....Poland Syndrome
C16.131.621.906.909.....Tarsal Coalition
C16.131.621.953.....Tracheobronchomalacia
C16.131.621.953.249.....Bronchomalacia
C16.131.621.953.500.....Tracheomalacia
C16.131.666.....Nervous System Malformations
C16.131.666.034.....Agenesis of Corpus Callosum
C16.131.666.034.500.....Acrocallosal Syndrome
C16.131.666.034.687.....Aicardi Syndrome
C16.131.666.034.875.....Holoprosencephaly
C16.131.666.142.....Central Nervous System Cysts
C16.131.666.142.100.....Arachnoid Cysts
C16.131.666.142.200.....Colloid Cysts
C16.131.666.190.....Central Nervous System Vascular Malformations
C16.131.666.190.100.....Central Nervous System Venous Angioma
C16.131.666.190.200.....Hemangioma, Cavernous, Central Nervous System
C16.131.666.190.500.....Intracranial Arteriovenous Malformations
C16.131.666.190.500.500.....Vein of Galen Malformations
C16.131.666.190.800.....Sinus Pericranii
C16.131.666.205.....Dandy-Walker Syndrome
C16.131.666.300.....Hereditary Sensory and Motor Neuropathy
C16.131.666.300.099.....Alstrom Syndrome

## 2018 MeSH Tree Hierarchy

Tree location	
C16.131.666.300.200.....	Charcot-Marie-Tooth Disease
C16.131.666.300.490.....	Giant Axonal Neuropathy
C16.131.666.300.780.....	Refsum Disease
C16.131.666.300.820.....	Spastic Paraplegia, Hereditary
C16.131.666.310.....	Hereditary Sensory and Autonomic Neuropathies
C16.131.666.310.309.....	Dysautonomia, Familial
C16.131.666.450.....	Hydranencephaly
C16.131.666.507.....	Malformations of Cortical Development
C16.131.666.507.400.....	Malformations of Cortical Development, Group I
C16.131.666.507.400.249.....	Megalencephaly
C16.131.666.507.400.249.500.....	Hemimegalencephaly
C16.131.666.507.400.500.....	Microcephaly
C16.131.666.507.400.750.....	Tuberous Sclerosis
C16.131.666.507.450.....	Malformations of Cortical Development, Group II
C16.131.666.507.450.230.....	Classical Lissencephalies and Subcortical Band Heterotopias
C16.131.666.507.450.249.....	Cobblestone Lissencephaly
C16.131.666.507.450.499.....	Lissencephaly
C16.131.666.507.450.499.230.....	Classical Lissencephalies and Subcortical Band Heterotopias
C16.131.666.507.450.499.249.....	Cobblestone Lissencephaly
C16.131.666.507.450.499.249.500.....	Walker-Warburg Syndrome
C16.131.666.507.450.750.....	Periventricular Nodular Heterotopia
C16.131.666.507.500.....	Malformations of Cortical Development, Group III
C16.131.666.507.500.500.....	Polymicrogyria
C16.131.666.507.500.625.....	Porencephaly
C16.131.666.507.500.750.....	Schizencephaly
C16.131.666.680.....	Neural Tube Defects
C16.131.666.680.196.....	Anencephaly
C16.131.666.680.291.....	Arnold-Chiari Malformation
C16.131.666.680.488.....	Encephalocele
C16.131.666.680.598.....	Meningocele
C16.131.666.680.610.....	Meningomyelocele
C16.131.666.680.705.....	Pentalogy of Cantrell
C16.131.666.680.800.....	Spinal Dysraphism
C16.131.666.680.800.730.....	Spina Bifida Cystica
C16.131.666.680.800.750.....	Spina Bifida Occulta
C16.131.666.845.....	Septo-Optic Dysplasia
C16.131.740.....	Respiratory System Abnormalities
C16.131.740.195.....	Bronchogenic Cyst
C16.131.740.214.....	Bronchopulmonary Sequestration
C16.131.740.271.....	Choanal Atresia
C16.131.740.290.....	Cystic Adenomatoid Malformation of Lung, Congenital

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.740.501.....Kartagener Syndrome
C16.131.740.650.....Laryngocele
C16.131.740.658.....Laryngostenosis
C16.131.740.815.....Scimitar Syndrome
C16.131.740.830.....Tracheobronchomegaly
C16.131.810.....Situs Inversus
C16.131.810.250.....Dextrocardia
C16.131.810.250.500.....Kartagener Syndrome
C16.131.810.700.....Levocardia
C16.131.831.....Skin Abnormalities
C16.131.831.066.....Acrodermatitis
C16.131.831.108.....Carney Complex
C16.131.831.150.....Dyskeratosis Congenita
C16.131.831.350.....Ectodermal Dysplasia
C16.131.831.350.198.....Ectodermal Dysplasia 1, Anhidrotic
C16.131.831.350.298.....Ectodermal Dysplasia 3, Anhidrotic
C16.131.831.350.348.....Ectodermal Dysplasia, Hypohidrotic, Autosomal Recessive
C16.131.831.350.398.....Ellis-Van Creveld Syndrome
C16.131.831.350.424.....Focal Dermal Hypoplasia
C16.131.831.350.712.....Neurocutaneous Syndromes
C16.131.831.350.856.....Pachyonychia Congenita
C16.131.831.350.856.500.....Steatocystoma Multiplex
C16.131.831.428.....Ehlers-Danlos Syndrome
C16.131.831.493.....Epidermolysis Bullosa
C16.131.831.493.080.....Epidermolysis Bullosa Acquisita
C16.131.831.493.160.....Epidermolysis Bullosa Dystrophica
C16.131.831.493.170.....Epidermolysis Bullosa, Junctional
C16.131.831.493.180.....Epidermolysis Bullosa Simplex
C16.131.831.512.....Ichthyosis
C16.131.831.512.400.....Ichthyosiform Erythroderma, Congenital
C16.131.831.512.400.375.....Hyperkeratosis, Epidermolytic
C16.131.831.512.400.410.....Ichthyosis, Lamellar
C16.131.831.512.400.705.....Netherton Syndrome
C16.131.831.512.408.....Ichthyosis Bullosa of Siemens
C16.131.831.512.410.....Ichthyosis Vulgaris
C16.131.831.512.420.....Ichthyosis, X-Linked
C16.131.831.512.723.....Sjogren-Larsson Syndrome
C16.131.831.580.....Incontinentia Pigmenti
C16.131.831.675.....Port-Wine Stain
C16.131.831.720.....Prolidase Deficiency
C16.131.831.766.....Pseudoxanthoma Elasticum

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.831.775.....Rothmund-Thomson Syndrome
C16.131.831.812.....Sclerema Neonatorum
C16.131.831.874.....Trichothiodystrophy Syndromes
C16.131.831.936.....Xeroderma Pigmentosum
C16.131.850.....Stomatognathic System Abnormalities
C16.131.850.500.....Maxillofacial Abnormalities
C16.131.850.500.229.....Dentofacial Deformities
C16.131.850.500.460.....Jaw Abnormalities
C16.131.850.500.460.185.....Cleft Palate
C16.131.850.500.460.457.....Micrognathism
C16.131.850.500.460.606.....Pierre Robin Syndrome
C16.131.850.500.460.655.....Prognathism
C16.131.850.500.460.827.....Retrognathia
C16.131.850.525.....Mouth Abnormalities
C16.131.850.525.164.....Cleft Lip
C16.131.850.525.185.....Cleft Palate
C16.131.850.525.304.....Fibromatosis, Gingival
C16.131.850.525.480.....Macrostomia
C16.131.850.525.520.....Microstomia
C16.131.850.525.955.....Velopharyngeal Insufficiency
C16.131.850.800.....Tooth Abnormalities
C16.131.850.800.100.....Anodontia
C16.131.850.800.250.....Dens in Dente
C16.131.850.800.255.....Dental Enamel Hypoplasia
C16.131.850.800.255.500.....Amelogenesis Imperfecta
C16.131.850.800.260.....Dentin Dysplasia
C16.131.850.800.270.....Dentinogenesis Imperfecta
C16.131.850.800.320.....Diastema
C16.131.850.800.370.....Fused Teeth
C16.131.850.800.600.....Odontodysplasia
C16.131.850.800.850.....Tooth, Supernumerary
C16.131.894.....Thyroid Dysgenesis
C16.131.894.500.....Lingual Thyroid
C16.131.894.500.500.....Lingual Goiter
C16.131.939.....Urogenital Abnormalities
C16.131.939.132.....Bladder Exstrophy
C16.131.939.258.....Cryptorchidism
C16.131.939.316.....Disorders of Sex Development
C16.131.939.316.064.....46, XX Disorders of Sex Development
C16.131.939.316.064.124.....46, XX Testicular Disorders of Sex Development
C16.131.939.316.064.249.....Gonadal Dysgenesis, 46,XX

## 2018 MeSH Tree Hierarchy

Tree location
C16.131.939.316.064.500.....Hyperandrogenism
C16.131.939.316.096.....46, XY Disorders of Sex Development
C16.131.939.316.096.500.....Androgen-Insensitivity Syndrome
C16.131.939.316.096.562.....Denys-Drash Syndrome
C16.131.939.316.096.624.....Frasier Syndrome
C16.131.939.316.096.687.....Gonadal Dysgenesis, 46,XY
C16.131.939.316.096.687.500.....Gonadoblastoma
C16.131.939.316.096.750.....Kallmann Syndrome
C16.131.939.316.096.875.....WAGR Syndrome
C16.131.939.316.129.....Adrenogenital Syndrome
C16.131.939.316.129.500.....Adrenal Hyperplasia, Congenital
C16.131.939.316.129.750.....Hyperandrogenism
C16.131.939.316.309.....Gonadal Dysgenesis
C16.131.939.316.309.193.....Gonadal Dysgenesis, 46,XX
C16.131.939.316.309.388.....Gonadal Dysgenesis, 46,XY
C16.131.939.316.309.388.500.....Gonadoblastoma
C16.131.939.316.309.391.....Gonadal Dysgenesis, Mixed
C16.131.939.316.309.631.....Sexual Infantilism
C16.131.939.316.309.872.....Turner Syndrome
C16.131.939.316.343.....Ovotesticular Disorders of Sex Development
C16.131.939.316.795.....Sex Chromosome Disorders of Sex Development
C16.131.939.316.795.124.....Freemartinism
C16.131.939.316.795.249.....Gonadal Dysgenesis, Mixed
C16.131.939.316.795.500.....Klinefelter Syndrome
C16.131.939.316.795.750.....Turner Syndrome
C16.131.939.374.....Epispadias
C16.131.939.410.....Fraser Syndrome
C16.131.939.445.....Fused Kidney
C16.131.939.516.....Hypospadias
C16.131.939.629.....Multicystic Dysplastic Kidney
C16.131.939.742.....Nephritis, Hereditary
C16.131.939.831.....Pyelectasis
C16.131.939.915.....Retrocaval Ureter
C16.300.....Fetal Diseases
C16.300.030.....Chorioamnionitis
C16.300.050.....Echogenic Bowel
C16.300.060.....Erythroblastosis, Fetal
C16.300.060.480.....Hydrops Fetalis
C16.300.070.....Fetal Alcohol Spectrum Disorders
C16.300.390.....Fetal Growth Retardation
C16.300.420.....Fetal Hypoxia



## 2018 MeSH Tree Hierarchy

Tree location	
C16.300.570.....	Fetal Macrosomia
C16.300.580.....	Meconium Aspiration Syndrome
C16.300.790.....	Nuchal Cord
C16.300.895.....	Pyelectasis
C16.320.....	Genetic Diseases, Inborn
C16.320.033.....	Adrenal Hyperplasia, Congenital
C16.320.051.....	Alagille Syndrome
C16.320.060.....	alpha 1-Antitrypsin Deficiency
C16.320.070.....	Anemia, Hemolytic, Congenital
C16.320.070.095.....	Anemia, Dyserythropoietic, Congenital
C16.320.070.100.....	Anemia, Hemolytic, Congenital Nonspherocytic
C16.320.070.150.....	Anemia, Sickle Cell
C16.320.070.150.219.....	Acute Chest Syndrome
C16.320.070.150.440.....	Hemoglobin SC Disease
C16.320.070.150.670.....	Sickle Cell Trait
C16.320.070.365.....	Elliptocytosis, Hereditary
C16.320.070.480.....	Glucosephosphate Dehydrogenase Deficiency
C16.320.070.480.370.....	Favism
C16.320.070.490.....	Hemoglobin C Disease
C16.320.070.785.....	Spherocytosis, Hereditary
C16.320.070.875.....	Thalassemia
C16.320.070.875.100.....	alpha-Thalassemia
C16.320.070.875.150.....	beta-Thalassemia
C16.320.070.875.575.....	delta-Thalassemia
C16.320.077.....	Anemia, Hypoplastic, Congenital
C16.320.077.090.....	Anemia, Diamond-Blackfan
C16.320.077.280.....	Fanconi Anemia
C16.320.078.....	Angioedemas, Hereditary
C16.320.080.....	Ataxia Telangiectasia
C16.320.089.....	Autoimmune Lymphoproliferative Syndrome
C16.320.099.....	Blood Coagulation Disorders, Inherited
C16.320.099.037.....	Activated Protein C Resistance
C16.320.099.056.....	Afibrinogenemia
C16.320.099.075.....	Antithrombin III Deficiency
C16.320.099.080.....	Bernard-Soulier Syndrome
C16.320.099.300.....	Factor V Deficiency
C16.320.099.310.....	Factor VII Deficiency
C16.320.099.320.....	Factor X Deficiency
C16.320.099.325.....	Factor XI Deficiency
C16.320.099.330.....	Factor XII Deficiency
C16.320.099.335.....	Factor XIII Deficiency

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.099.417.....	Gray Platelet Syndrome
C16.320.099.500.....	Hemophilia A
C16.320.099.510.....	Hemophilia B
C16.320.099.515.....	Hermanski-Pudlak Syndrome
C16.320.099.550.....	Hypoprothrombinemias
C16.320.099.690.....	Protein C Deficiency
C16.320.099.820.....	Thrombasthenia
C16.320.099.920.....	von Willebrand Diseases
C16.320.099.920.100.....	von Willebrand Disease, Type 1
C16.320.099.920.200.....	von Willebrand Disease, Type 2
C16.320.099.920.300.....	von Willebrand Disease, Type 3
C16.320.099.970.....	Wiskott-Aldrich Syndrome
C16.320.100.....	Brugada Syndrome
C16.320.129.....	CADASIL
C16.320.144.....	Camurati-Engelmann Syndrome
C16.320.160.....	Cardiomyopathy, Hypertrophic, Familial
C16.320.165.....	CHARGE Syndrome
C16.320.170.....	Cherubism
C16.320.180.....	Chromosome Disorders
C16.320.180.019.....	.22q11 Deletion Syndrome
C16.320.180.019.500.....	DiGeorge Syndrome
C16.320.180.040.....	Angelman Syndrome
C16.320.180.080.....	Beckwith-Wiedemann Syndrome
C16.320.180.090.....	Branchio-Oto-Renal Syndrome
C16.320.180.190.....	Cri-du-Chat Syndrome
C16.320.180.210.....	De Lange Syndrome
C16.320.180.260.....	Down Syndrome
C16.320.180.380.....	Holoprosencephaly
C16.320.180.440.....	Jacobsen Distal 11q Deletion Syndrome
C16.320.180.700.....	Prader-Willi Syndrome
C16.320.180.790.....	Rubinstein-Taybi Syndrome
C16.320.180.830.....	Sex Chromosome Disorders
C16.320.180.830.300.....	Fragile X Syndrome
C16.320.180.830.670.....	Orofaciodigital Syndromes
C16.320.180.830.835.....	Sex Chromosome Disorders of Sex Development
C16.320.180.830.835.249.....	Gonadal Dysgenesis, Mixed
C16.320.180.830.835.500.....	Klinefelter Syndrome
C16.320.180.830.835.750.....	Turner Syndrome
C16.320.180.870.....	Silver-Russell Syndrome
C16.320.180.887.....	Smith-Magenis Syndrome
C16.320.180.905.....	Sotos Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.180.923.....Trisomy 13 Syndrome
C16.320.180.932.....Trisomy 18 Syndrome
C16.320.180.940.....WAGR Syndrome
C16.320.180.970.....Williams Syndrome
C16.320.180.985.....Wolf-Hirschhorn Syndrome
C16.320.184.....Ciliopathies
C16.320.184.063.....Alstrom Syndrome
C16.320.184.125.....Bardet-Biedl Syndrome
C16.320.184.250.....Caroli Disease
C16.320.184.500.....Ciliary Motility Disorders
C16.320.184.500.531.....Kartagener Syndrome
C16.320.185.....Costello Syndrome
C16.320.190.....Cystic Fibrosis
C16.320.215.....Donohue Syndrome
C16.320.240.....Dwarfism
C16.320.240.500.....Achondroplasia
C16.320.240.500.500.....Thanatophoric Dysplasia
C16.320.240.562.....Cockayne Syndrome
C16.320.240.625.....Congenital Hypothyroidism
C16.320.240.750.....Laron Syndrome
C16.320.240.875.....Mulibrey Nanism
C16.320.240.937.....Silver-Russell Syndrome
C16.320.290.....Eye Diseases, Hereditary
C16.320.290.019.....Aicardi Syndrome
C16.320.290.040.....Albinism
C16.320.290.040.090.....Albinism, Ocular
C16.320.290.040.100.....Albinism, Oculocutaneous
C16.320.290.040.100.400.....Hermanski-Pudlak Syndrome
C16.320.290.040.600.....Piebaldism
C16.320.290.078.....Aniridia
C16.320.290.078.950.....WAGR Syndrome
C16.320.290.142.....Choroideremia
C16.320.290.152.....Cone-Rod Dystrophies
C16.320.290.162.....Corneal Dystrophies, Hereditary
C16.320.290.162.204.....Corneal Dystrophy, Juvenile Epithelial of Meesmann
C16.320.290.162.410.....Fuchs' Endothelial Dystrophy
C16.320.290.235.....Duane Retraction Syndrome
C16.320.290.468.....Gyrate Atrophy
C16.320.290.564.....Optic Atrophies, Hereditary
C16.320.290.564.100.....Optic Atrophy, Autosomal Dominant
C16.320.290.564.400.....Optic Atrophy, Hereditary, Leber

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.290.564.980.....	Wolfram Syndrome
C16.320.290.660.....	Retinal Dysplasia
C16.320.290.684.....	Retinitis Pigmentosa
C16.320.290.684.249.....	Alstrom Syndrome
C16.320.290.684.500.....	Usher Syndromes
C16.320.290.763.....	Vitelliform Macular Dystrophy
C16.320.290.842.....	Weill-Marchesani Syndrome
C16.320.298.....	Familial Multiple Lipomatosis
C16.320.306.....	Frasier Syndrome
C16.320.322.....	Genetic Diseases, X-Linked
C16.320.322.030.....	Aicardi Syndrome
C16.320.322.061.....	Androgen-Insensitivity Syndrome
C16.320.322.068.....	Barth Syndrome
C16.320.322.076.....	Bulbo-Spinal Atrophy, X-Linked
C16.320.322.092.....	Choroideremia
C16.320.322.100.....	Dent Disease
C16.320.322.108.....	Dyskeratosis Congenita
C16.320.322.116.....	Ectodermal Dysplasia 1, Anhidrotic
C16.320.322.124.....	Fabry Disease
C16.320.322.186.....	Focal Dermal Hypoplasia
C16.320.322.201.....	Glycogen Storage Disease Type IIb
C16.320.322.217.....	Glycogen Storage Disease Type VIII
C16.320.322.233.....	Granulomatous Disease, Chronic
C16.320.322.235.....	Hemophilia B
C16.320.322.237.....	Hyper-IgM Immunodeficiency Syndrome, Type 1
C16.320.322.241.....	Ichthyosis, X-Linked
C16.320.322.370.....	Isolated Noncompaction of the Ventricular Myocardium
C16.320.322.500.....	Mental Retardation, X-Linked
C16.320.322.500.124.....	Adrenoleukodystrophy
C16.320.322.500.186.....	Classical Lissencephalies and Subcortical Band Heterotopias
C16.320.322.500.249.....	Coffin-Lowry Syndrome
C16.320.322.500.500.....	Fragile X Syndrome
C16.320.322.500.625.....	Lesch-Nyhan Syndrome
C16.320.322.500.687.....	Menkes Kinky Hair Syndrome
C16.320.322.500.750.....	Mucopolysaccharidosis II
C16.320.322.500.875.....	Pyruvate Dehydrogenase Complex Deficiency Disease
C16.320.322.500.937.....	Rett Syndrome
C16.320.322.562.....	Muscular Dystrophy, Duchenne
C16.320.322.625.....	Muscular Dystrophy, Emery-Dreifuss
C16.320.322.750.....	Oculocerebrorenal Syndrome
C16.320.322.828.....	Ornithine Carbamoyltransferase Deficiency Disease

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.322.906.....Pelizaeus-Merzbacher Disease
C16.320.322.937.....Wiskott-Aldrich Syndrome
C16.320.322.968.....X-Linked Combined Immunodeficiency Diseases
C16.320.338.....Genetic Diseases, Y-Linked
C16.320.355.....Hajdu-Cheney Syndrome
C16.320.365.....Hemoglobinopathies
C16.320.365.155.....Anemia, Sickle Cell
C16.320.365.155.219.....Acute Chest Syndrome
C16.320.365.155.440.....Hemoglobin SC Disease
C16.320.365.155.668.....Sickle Cell Trait
C16.320.365.463.....Hemoglobin C Disease
C16.320.365.826.....Thalassemia
C16.320.365.826.100.....alpha-Thalassemia
C16.320.365.826.100.350.....Hydrops Fetalis
C16.320.365.826.150.....beta-Thalassemia
C16.320.365.826.575.....delta-Thalassemia
C16.320.382.....Hereditary Autoinflammatory Diseases
C16.320.382.250.....Behcet Syndrome
C16.320.382.500.....Cryopyrin-Associated Periodic Syndromes
C16.320.382.625.....Familial Mediterranean Fever
C16.320.382.750.....Mevalonate Kinase Deficiency
C16.320.400.....Heredodegenerative Disorders, Nervous System
C16.320.400.024.....Alexander Disease
C16.320.400.050.....Amyloid Neuropathies, Familial
C16.320.400.150.....Canavan Disease
C16.320.400.200.....Cockayne Syndrome
C16.320.400.330.....Dystonia Musculorum Deformans
C16.320.400.350.....Gerstmann-Straussler-Scheinker Disease
C16.320.400.361.....Hepatolenticular Degeneration
C16.320.400.367.....Hereditary Central Nervous System Demyelinating Diseases
C16.320.400.375.....Hereditary Sensory and Motor Neuropathy
C16.320.400.375.099.....Alstrom Syndrome
C16.320.400.375.200.....Charcot-Marie-Tooth Disease
C16.320.400.375.490.....Giant Axonal Neuropathy
C16.320.400.375.780.....Refsum Disease
C16.320.400.375.820.....Spastic Paraplegia, Hereditary
C16.320.400.415.....Hereditary Sensory and Autonomic Neuropathies
C16.320.400.415.309.....Dysautonomia, Familial
C16.320.400.430.....Huntington Disease
C16.320.400.480.....Lafora Disease
C16.320.400.525.....Mental Retardation, X-Linked

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.400.525.124.....	Adrenoleukodystrophy
C16.320.400.525.249.....	Coffin-Lowry Syndrome
C16.320.400.525.500.....	Fragile X Syndrome
C16.320.400.525.625.....	Lesch-Nyhan Syndrome
C16.320.400.525.687.....	Menkes Kinky Hair Syndrome
C16.320.400.525.750.....	Mucopolysaccharidosis II
C16.320.400.525.875.....	Pyruvate Dehydrogenase Complex Deficiency Disease
C16.320.400.525.937.....	Rett Syndrome
C16.320.400.540.....	Myotonia Congenita
C16.320.400.542.....	Myotonic Dystrophy
C16.320.400.550.....	Neuroacanthocytosis
C16.320.400.560.....	Neurofibromatoses
C16.320.400.560.400.....	Neurofibromatosis 1
C16.320.400.560.700.....	Neurofibromatosis 2
C16.320.400.600.....	Neuronal Ceroid-Lipofuscinoses
C16.320.400.630.....	Optic Atrophies, Hereditary
C16.320.400.630.100.....	Optic Atrophy, Autosomal Dominant
C16.320.400.630.400.....	Optic Atrophy, Hereditary, Leber
C16.320.400.630.980.....	Wolfram Syndrome
C16.320.400.650.....	Pantothenate Kinase-Associated Neurodegeneration
C16.320.400.765.....	Spinal Muscular Atrophies of Childhood
C16.320.400.780.....	Spinocerebellar Degenerations
C16.320.400.780.200.....	Friedreich Ataxia
C16.320.400.780.500.....	Myoclonic Cerebellar Dyssynergia
C16.320.400.780.750.....	Olivopontocerebellar Atrophies
C16.320.400.780.875.....	Spinocerebellar Ataxias
C16.320.400.780.875.500.....	Machado-Joseph Disease
C16.320.400.820.....	Tourette Syndrome
C16.320.400.880.....	Tuberous Sclerosis
C16.320.400.940.....	Unverricht-Lundborg Syndrome
C16.320.413.....	Hyper-IgM Immunodeficiency Syndrome
C16.320.427.....	Hyperthyroxinemia, Familial Dysalbuminemic
C16.320.467.....	Kallmann Syndrome
C16.320.480.....	Kartagener Syndrome
C16.320.495.....	Lennox Gastaut Syndrome
C16.320.510.....	Loeys-Dietz Syndrome
C16.320.540.....	Marfan Syndrome
C16.320.565.....	Metabolism, Inborn Errors
C16.320.565.100.....	Amino Acid Metabolism, Inborn Errors
C16.320.565.100.102.....	Albinism
C16.320.565.100.102.090.....	Albinism, Ocular

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.565.100.102.100.....	Albinism, Oculocutaneous
C16.320.565.100.102.100.400.....	Hermanski-Pudlak Syndrome
C16.320.565.100.102.600.....	Piebaldism
C16.320.565.100.187.....	Alkaptonuria
C16.320.565.100.477.....	Hyperglycinemia, Nonketotic
C16.320.565.100.480.....	Hyperhomocysteinemia
C16.320.565.100.480.500.....	Homocystinuria
C16.320.565.100.544.....	Hyperlysinemias
C16.320.565.100.608.....	Maple Syrup Urine Disease
C16.320.565.100.614.....	Multiple Acyl Coenzyme A Dehydrogenase Deficiency
C16.320.565.100.620.....	Multiple Carboxylase Deficiency
C16.320.565.100.620.100.....	Biotinidase Deficiency
C16.320.565.100.620.380.....	Holocarboxylase Synthetase Deficiency
C16.320.565.100.766.....	Phenylketonurias
C16.320.565.100.766.500.....	Phenylketonuria, Maternal
C16.320.565.100.794.....	Prolidase Deficiency
C16.320.565.100.823.....	Propionic Acidemia
C16.320.565.100.880.....	Tyrosinemias
C16.320.565.100.940.....	Urea Cycle Disorders, Inborn
C16.320.565.100.940.124.....	Argininosuccinic Aciduria
C16.320.565.100.940.249.....	Carbamoyl-Phosphate Synthase I Deficiency Disease
C16.320.565.100.940.374.....	Citrullinemia
C16.320.565.100.940.500.....	Hyperargininemia
C16.320.565.100.940.750.....	Ornithine Carbamoyltransferase Deficiency Disease
C16.320.565.151.....	Amino Acid Transport Disorders, Inborn
C16.320.565.151.355.....	Hartnup Disease
C16.320.565.151.600.....	Oculocerebrorenal Syndrome
C16.320.565.176.....	Amyloidosis, Familial
C16.320.565.176.050.....	Amyloid Neuropathies, Familial
C16.320.565.176.160.....	Cerebral Amyloid Angiopathy, Familial
C16.320.565.189.....	Brain Diseases, Metabolic, Inborn
C16.320.565.189.084.....	Adrenoleukodystrophy
C16.320.565.189.168.....	Cerebral Amyloid Angiopathy, Familial
C16.320.565.189.320.....	Galactosemias
C16.320.565.189.355.....	Hartnup Disease
C16.320.565.189.360.....	Hepatolenticular Degeneration
C16.320.565.189.362.....	Hereditary Central Nervous System Demyelinating Diseases
C16.320.565.189.362.250.....	Adrenoleukodystrophy
C16.320.565.189.362.312.....	Alexander Disease
C16.320.565.189.362.375.....	Canavan Disease
C16.320.565.189.362.500.....	Leukodystrophy, Globoid Cell

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.565.189.362.550.....Leukodystrophy, Metachromatic
C16.320.565.189.362.775.....Pelizaeus-Merzbacher Disease
C16.320.565.189.365.....Homocystinuria
C16.320.565.189.375.....Hyperglycinemia, Nonketotic
C16.320.565.189.380.....Hyperlysinemias
C16.320.565.189.412.....Leigh Disease
C16.320.565.189.425.....Lesch-Nyhan Syndrome
C16.320.565.189.435.....Lysosomal Storage Diseases, Nervous System
C16.320.565.189.435.295.....Fucosidosis
C16.320.565.189.435.340.....Glycogen Storage Disease Type II
C16.320.565.189.435.590.....Mucopolidoses
C16.320.565.189.435.810.....Sialic Acid Storage Disease
C16.320.565.189.435.825.....Sphingolipidoses
C16.320.565.189.435.825.200.....Fabry Disease
C16.320.565.189.435.825.250.....Farber Lipogranulomatosis
C16.320.565.189.435.825.300.....Gangliosidoses
C16.320.565.189.435.825.300.300.....Gangliosidoses, GM2
C16.320.565.189.435.825.300.300.249.....Sandhoff Disease
C16.320.565.189.435.825.300.300.500.....Tay-Sachs Disease
C16.320.565.189.435.825.300.300.750.....Tay-Sachs Disease, AB Variant
C16.320.565.189.435.825.300.400.....Gangliosidosis, GM1
C16.320.565.189.435.825.400.....Gaucher Disease
C16.320.565.189.435.825.590.....Leukodystrophy, Globoid Cell
C16.320.565.189.435.825.700.....Niemann-Pick Diseases
C16.320.565.189.435.825.700.500.....Niemann-Pick Disease, Type A
C16.320.565.189.435.825.700.750.....Niemann-Pick Disease, Type B
C16.320.565.189.435.825.700.875.....Niemann-Pick Disease, Type C
C16.320.565.189.435.825.775.....Sea-Blue Histiocyte Syndrome
C16.320.565.189.435.825.850.....Sulfatidosis
C16.320.565.189.435.825.850.500.....Leukodystrophy, Metachromatic
C16.320.565.189.435.825.850.750.....Multiple Sulfatase Deficiency Disease
C16.320.565.189.520.....Maple Syrup Urine Disease
C16.320.565.189.535.....MELAS Syndrome
C16.320.565.189.540.....Menkes Kinky Hair Syndrome
C16.320.565.189.545.....MERRF Syndrome
C16.320.565.189.593.....Mevalonate Kinase Deficiency
C16.320.565.189.640.....Oculocerebrorenal Syndrome
C16.320.565.189.687.....Phenylketonurias
C16.320.565.189.687.500.....Phenylketonuria, Maternal
C16.320.565.189.725.....Pyruvate Carboxylase Deficiency Disease
C16.320.565.189.750.....Pyruvate Dehydrogenase Complex Deficiency Disease



## 2018 MeSH Tree Hierarchy

Tree location
C16.320.565.189.813.....Refsum Disease
C16.320.565.189.844.....Refsum Disease, Infantile
C16.320.565.189.875.....Tyrosinemias
C16.320.565.189.937.....Urea Cycle Disorders, Inborn
C16.320.565.189.937.124.....Argininosuccinic Aciduria
C16.320.565.189.937.249.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C16.320.565.189.937.374.....Citrullinemia
C16.320.565.189.937.500.....Hyperargininemia
C16.320.565.189.937.750.....Ornithine Carbamoyltransferase Deficiency Disease
C16.320.565.189.968.....Zellweger Syndrome
C16.320.565.202.....Carbohydrate Metabolism, Inborn Errors
C16.320.565.202.125.....Congenital Disorders of Glycosylation
C16.320.565.202.251.....Fructose Metabolism, Inborn Errors
C16.320.565.202.251.221.....Fructose-1,6-Diphosphatase Deficiency
C16.320.565.202.251.271.....Fructose Intolerance
C16.320.565.202.303.....Fucosidosis
C16.320.565.202.355.....Galactosemias
C16.320.565.202.402.....Glucosephosphate Dehydrogenase Deficiency
C16.320.565.202.449.....Glycogen Storage Disease
C16.320.565.202.449.448.....Glycogen Storage Disease Type I
C16.320.565.202.449.500.....Glycogen Storage Disease Type II
C16.320.565.202.449.510.....Glycogen Storage Disease Type IIb
C16.320.565.202.449.520.....Glycogen Storage Disease Type III
C16.320.565.202.449.540.....Glycogen Storage Disease Type IV
C16.320.565.202.449.560.....Glycogen Storage Disease Type V
C16.320.565.202.449.580.....Glycogen Storage Disease Type VI
C16.320.565.202.449.600.....Glycogen Storage Disease Type VII
C16.320.565.202.449.620.....Glycogen Storage Disease Type VIII
C16.320.565.202.460.....Hyperoxaluria, Primary
C16.320.565.202.589.....Lactose Intolerance
C16.320.565.202.607.....Mannosidase Deficiency Diseases
C16.320.565.202.607.500.....alpha-Mannosidosis
C16.320.565.202.607.750.....beta-Mannosidosis
C16.320.565.202.670.....Mucopolipidoses
C16.320.565.202.715.....Mucopolysaccharidoses
C16.320.565.202.715.640.....Mucopolysaccharidosis I
C16.320.565.202.715.645.....Mucopolysaccharidosis II
C16.320.565.202.715.650.....Mucopolysaccharidosis III
C16.320.565.202.715.655.....Mucopolysaccharidosis IV
C16.320.565.202.715.670.....Mucopolysaccharidosis VI
C16.320.565.202.715.675.....Mucopolysaccharidosis VII

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.565.202.720.....	Multiple Carboxylase Deficiency
C16.320.565.202.720.100.....	Biotinidase Deficiency
C16.320.565.202.720.380.....	Holocarboxylase Synthetase Deficiency
C16.320.565.202.810.....	Pyruvate Metabolism, Inborn Errors
C16.320.565.202.810.444.....	Leigh Disease
C16.320.565.202.810.666.....	Pyruvate Carboxylase Deficiency Disease
C16.320.565.202.810.766.....	Pyruvate Dehydrogenase Complex Deficiency Disease
C16.320.565.240.....	Cytochrome-c Oxidase Deficiency
C16.320.565.300.....	Hyperbilirubinemia, Hereditary
C16.320.565.300.281.....	Crigler-Najjar Syndrome
C16.320.565.300.528.....	Gilbert Disease
C16.320.565.300.764.....	Jaundice, Chronic Idiopathic
C16.320.565.398.....	Lipid Metabolism, Inborn Errors
C16.320.565.398.224.....	Barth Syndrome
C16.320.565.398.450.....	Hyperlipidemia, Familial Combined
C16.320.565.398.465.....	Hyperlipoproteinemia Type I
C16.320.565.398.481.....	Hyperlipoproteinemia Type II
C16.320.565.398.483.....	Hyperlipoproteinemia Type III
C16.320.565.398.487.....	Hyperlipoproteinemia Type IV
C16.320.565.398.493.....	Hyperlipoproteinemia Type V
C16.320.565.398.500.....	Hypolipoproteinemias
C16.320.565.398.500.330.....	Hypoalphalipoproteinemias
C16.320.565.398.500.330.500.....	Lecithin Cholesterol Acyltransferase Deficiency
C16.320.565.398.500.330.750.....	Tangier Disease
C16.320.565.398.500.440.....	Hypobetalipoproteinemias
C16.320.565.398.500.440.500.....	Abetalipoproteinemia
C16.320.565.398.641.....	Lipidoses
C16.320.565.398.641.201.....	Cholesterol Ester Storage Disease
C16.320.565.398.641.201.500.....	Wolman Disease
C16.320.565.398.641.509.....	Neuronal Ceroid-Lipofuscinoses
C16.320.565.398.641.723.....	Sjogren-Larsson Syndrome
C16.320.565.398.641.803.....	Sphingolipidoses
C16.320.565.398.641.803.300.....	Fabry Disease
C16.320.565.398.641.803.325.....	Farber Lipogranulomatosis
C16.320.565.398.641.803.350.....	Gangliosidoses
C16.320.565.398.641.803.350.300.....	Gangliosidoses, GM2
C16.320.565.398.641.803.350.300.700.....	Sandhoff Disease
C16.320.565.398.641.803.350.300.850.....	Tay-Sachs Disease
C16.320.565.398.641.803.350.300.925.....	Tay-Sachs Disease, AB Variant
C16.320.565.398.641.803.350.360.....	Gangliosidosis, GM1
C16.320.565.398.641.803.441.....	Gaucher Disease

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.565.398.641.803.585.....Leukodystrophy, Globoid Cell
C16.320.565.398.641.803.730.....Niemann-Pick Diseases
C16.320.565.398.641.803.730.500.....Niemann-Pick Disease, Type A
C16.320.565.398.641.803.730.750.....Niemann-Pick Disease, Type B
C16.320.565.398.641.803.730.875.....Niemann-Pick Disease, Type C
C16.320.565.398.641.803.850.....Sea-Blue Histiocyte Syndrome
C16.320.565.398.641.803.925.....Sulfatidosis
C16.320.565.398.641.803.925.500.....Leukodystrophy, Metachromatic
C16.320.565.398.641.803.925.750.....Multiple Sulfatase Deficiency Disease
C16.320.565.398.745.....Lipodystrophy, Congenital Generalized
C16.320.565.398.850.....Smith-Lemli-Opitz Syndrome
C16.320.565.398.925.....Xanthomatosis, Cerebrotendinous
C16.320.565.595.....Lysosomal Storage Diseases
C16.320.565.595.100.....Aspartylglucosaminuria
C16.320.565.595.201.....Cholesterol Ester Storage Disease
C16.320.565.595.201.500.....Wolman Disease
C16.320.565.595.377.....Cystinosis
C16.320.565.595.554.....Lysosomal Storage Diseases, Nervous System
C16.320.565.595.554.295.....Fucosidosis
C16.320.565.595.554.340.....Glycogen Storage Disease Type II
C16.320.565.595.554.590.....Mucopolidoses
C16.320.565.595.554.810.....Sialic Acid Storage Disease
C16.320.565.595.554.825.....Sphingolipidoses
C16.320.565.595.554.825.200.....Fabry Disease
C16.320.565.595.554.825.250.....Farber Lipogranulomatosis
C16.320.565.595.554.825.300.....Gangliosidoses
C16.320.565.595.554.825.300.300.....Gangliosidoses, GM2
C16.320.565.595.554.825.300.300.800.....Sandhoff Disease
C16.320.565.595.554.825.300.300.840.....Tay-Sachs Disease
C16.320.565.595.554.825.300.300.920.....Tay-Sachs Disease, AB Variant
C16.320.565.595.554.825.300.400.....Gangliosidosis, GM1
C16.320.565.595.554.825.400.....Gaucher Disease
C16.320.565.595.554.825.590.....Leukodystrophy, Globoid Cell
C16.320.565.595.554.825.700.....Niemann-Pick Diseases
C16.320.565.595.554.825.700.500.....Niemann-Pick Disease, Type A
C16.320.565.595.554.825.700.750.....Niemann-Pick Disease, Type B
C16.320.565.595.554.825.700.875.....Niemann-Pick Disease, Type C
C16.320.565.595.554.825.775.....Sea-Blue Histiocyte Syndrome
C16.320.565.595.554.825.850.....Sulfatidosis
C16.320.565.595.554.825.850.500.....Leukodystrophy, Metachromatic
C16.320.565.595.554.825.850.750.....Multiple Sulfatase Deficiency Disease

## 2018 MeSH Tree Hierarchy

Tree location	
C16.320.565.595.577.....	Mannosidase Deficiency Diseases
C16.320.565.595.577.500.....	alpha-Mannosidosis
C16.320.565.595.577.750.....	beta-Mannosidosis
C16.320.565.595.600.....	Mucopolysaccharidoses
C16.320.565.595.600.640.....	Mucopolysaccharidosis I
C16.320.565.595.600.645.....	Mucopolysaccharidosis II
C16.320.565.595.600.650.....	Mucopolysaccharidosis III
C16.320.565.595.600.655.....	Mucopolysaccharidosis IV
C16.320.565.595.600.670.....	Mucopolysaccharidosis VI
C16.320.565.595.600.675.....	Mucopolysaccharidosis VII
C16.320.565.595.800.....	Pycnodysostosis
C16.320.565.618.....	Metal Metabolism, Inborn Errors
C16.320.565.618.337.....	Hemochromatosis
C16.320.565.618.403.....	Hepatolenticular Degeneration
C16.320.565.618.482.....	Hypophosphatasia
C16.320.565.618.544.....	Hypophosphatemia, Familial
C16.320.565.618.544.500.....	Familial Hypophosphatemic Rickets
C16.320.565.618.590.....	Menkes Kinky Hair Syndrome
C16.320.565.618.711.....	Paralyses, Familial Periodic
C16.320.565.618.711.550.....	Hypokalemic Periodic Paralysis
C16.320.565.618.711.600.....	Paralysis, Hyperkalemic Periodic
C16.320.565.618.815.....	Pseudohypoparathyroidism
C16.320.565.618.815.815.....	Pseudopseudohypoparathyroidism
C16.320.565.663.....	Peroxisomal Disorders
C16.320.565.663.050.....	Acatlasia
C16.320.565.663.100.....	Adrenoleukodystrophy
C16.320.565.663.265.....	Chondrodysplasia Punctata, Rhizomelic
C16.320.565.663.430.....	Mevalonate Kinase Deficiency
C16.320.565.663.760.....	Refsum Disease
C16.320.565.663.865.....	Refsum Disease, Infantile
C16.320.565.663.970.....	Zellweger Syndrome
C16.320.565.753.....	Progeria
C16.320.565.798.....	Purine-Pyrimidine Metabolism, Inborn Errors
C16.320.565.798.183.....	Dihydropyrimidine Dehydrogenase Deficiency
C16.320.565.798.368.....	Gout
C16.320.565.798.368.410.....	Arthritis, Gouty
C16.320.565.798.594.....	Lesch-Nyhan Syndrome
C16.320.565.861.....	Renal Tubular Transport, Inborn Errors
C16.320.565.861.093.....	Acidosis, Renal Tubular
C16.320.565.861.271.....	Dent Disease
C16.320.565.861.450.....	Fanconi Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.565.861.491.....Gitelman Syndrome
C16.320.565.861.532.....Glycosuria, Renal
C16.320.565.861.647.....Hypophosphatemia, Familial
C16.320.565.861.647.500.....Familial Hypophosphatemic Rickets
C16.320.565.861.698.....Liddle Syndrome
C16.320.565.861.750.....Oculocerebrorenal Syndrome
C16.320.565.861.770.....Pseudohypoaldosteronism
C16.320.565.861.885.....Renal Aminoacidurias
C16.320.565.861.885.250.....Cystinuria
C16.320.565.861.885.457.....Hartnup Disease
C16.320.565.925.....Steroid Metabolism, Inborn Errors
C16.320.565.925.249.....Adrenal Hyperplasia, Congenital
C16.320.565.925.324.....Antley-Bixler Syndrome Phenotype
C16.320.565.925.400.....Ichthyosis, X-Linked
C16.320.565.925.500.....Mineralocorticoid Excess Syndrome, Apparent
C16.320.565.925.875.....Smith-Lemli-Opitz Syndrome
C16.320.577.....Muscular Dystrophies
C16.320.577.074.....Distal Myopathies
C16.320.577.149.....Glycogen Storage Disease Type VII
C16.320.577.280.....Muscular Dystrophies, Limb-Girdle
C16.320.577.280.500.....Sarcoglycanopathies
C16.320.577.300.....Muscular Dystrophy, Duchenne
C16.320.577.350.....Muscular Dystrophy, Emery-Dreifuss
C16.320.577.400.....Muscular Dystrophy, Facioscapulohumeral
C16.320.577.450.....Muscular Dystrophy, Oculopharyngeal
C16.320.577.500.....Myotonic Dystrophy
C16.320.577.750.....Walker-Warburg Syndrome
C16.320.590.....Myasthenic Syndromes, Congenital
C16.320.600.....Nail-Patella Syndrome
C16.320.700.....Neoplastic Syndromes, Hereditary
C16.320.700.100.....Adenomatous Polyposis Coli
C16.320.700.100.393.....Gardner Syndrome
C16.320.700.175.....Basal Cell Nevus Syndrome
C16.320.700.212.....Birt-Hogg-Dube Syndrome
C16.320.700.250.....Colorectal Neoplasms, Hereditary Nonpolyposis
C16.320.700.250.500.....Lynch Syndrome II
C16.320.700.250.500.500.....Muir-Torre Syndrome
C16.320.700.305.....Dysplastic Nevus Syndrome
C16.320.700.330.....Exostoses, Multiple Hereditary
C16.320.700.435.....Hamartoma Syndrome, Multiple
C16.320.700.517.....Hereditary Breast and Ovarian Cancer Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.700.600.....Li-Fraumeni Syndrome
C16.320.700.630.....Multiple Endocrine Neoplasia
C16.320.700.630.500.....Multiple Endocrine Neoplasia Type 1
C16.320.700.630.505.....Multiple Endocrine Neoplasia Type 2a
C16.320.700.630.510.....Multiple Endocrine Neoplasia Type 2b
C16.320.700.636.....Tuberous Sclerosis
C16.320.700.642.....Wilms Tumor
C16.320.700.642.220.....Denys-Drash Syndrome
C16.320.700.642.950.....WAGR Syndrome
C16.320.700.645.....Neurofibromatoses
C16.320.700.645.650.....Neurofibromatosis 1
C16.320.700.645.655.....Neurofibromatosis 2
C16.320.700.705.....Peutz-Jeghers Syndrome
C16.320.709.....Oculocerebrorenal Syndrome
C16.320.714.....Orofaciodigital Syndromes
C16.320.718.....Osteoarthropathy, Primary Hypertrophic
C16.320.728.....Osteochondrodysplasias
C16.320.737.....Osteogenesis Imperfecta
C16.320.775.....Pain Insensitivity, Congenital
C16.320.784.....Pelger-Huet Anomaly
C16.320.798.....Polycystic Kidney Diseases
C16.320.798.500.....Polycystic Kidney, Autosomal Dominant
C16.320.798.510.....Polycystic Kidney, Autosomal Recessive
C16.320.812.....Pycnodysostosis
C16.320.850.....Skin Diseases, Genetic
C16.320.850.080.....Albinism
C16.320.850.080.090.....Albinism, Ocular
C16.320.850.080.100.....Albinism, Oculocutaneous
C16.320.850.080.100.400.....Hermanski-Pudlak Syndrome
C16.320.850.080.600.....Piebaldism
C16.320.850.180.....Cutis Laxa
C16.320.850.190.....Darier Disease
C16.320.850.210.....Dermatitis, Atopic
C16.320.850.235.....Dyskeratosis Congenita
C16.320.850.250.....Ectodermal Dysplasia
C16.320.850.250.198.....Ectodermal Dysplasia 1, Anhidrotic
C16.320.850.250.298.....Ectodermal Dysplasia 3, Anhidrotic
C16.320.850.250.348.....Ectodermal Dysplasia, Hypohidrotic, Autosomal Recessive
C16.320.850.250.398.....Ellis-Van Creveld Syndrome
C16.320.850.250.424.....Focal Dermal Hypoplasia
C16.320.850.250.712.....Neurocutaneous Syndromes

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.850.250.856.....Pachyonychia Congenita
C16.320.850.250.856.500.....Steatocystoma Multiplex
C16.320.850.260.....Ehlers-Danlos Syndrome
C16.320.850.275.....Epidermolysis Bullosa
C16.320.850.275.160.....Epidermolysis Bullosa Dystrophica
C16.320.850.275.170.....Epidermolysis Bullosa, Junctional
C16.320.850.275.180.....Epidermolysis Bullosa Simplex
C16.320.850.337.....Erythrokeratoderma Variabilis
C16.320.850.368.....Hyalinosis, Systemic
C16.320.850.400.....Ichthyosiform Erythroderma, Congenital
C16.320.850.400.375.....Hyperkeratosis, Epidermolytic
C16.320.850.400.410.....Ichthyosis, Lamellar
C16.320.850.402.....Ichthyosis Bullosa of Siemens
C16.320.850.405.....Ichthyosis Vulgaris
C16.320.850.408.....Ichthyosis, X-Linked
C16.320.850.420.....Incontinentia Pigmenti
C16.320.850.475.....Keratoderma, Palmoplantar
C16.320.850.475.440.....Keratoderma, Palmoplantar, Diffuse
C16.320.850.475.440.500.....Keratoderma, Palmoplantar, Epidermolytic
C16.320.850.475.600.....Papillon-Lefevre Disease
C16.320.850.542.....Leukokeratosis, Hereditary Mucosal
C16.320.850.595.....Lipoid Proteinosis of Urbach and Wiethe
C16.320.850.647.....Monilethrix
C16.320.850.673.....Netherton Syndrome
C16.320.850.700.....Pemphigus, Benign Familial
C16.320.850.730.....Porokeratosis
C16.320.850.738.....Porphyria, Erythropoietic
C16.320.850.742.....Porphyrias, Hepatic
C16.320.850.742.074.....Coproporphyrinuria, Hereditary
C16.320.850.742.150.....Porphyria, Acute Intermittent
C16.320.850.742.250.....Porphyria Cutanea Tarda
C16.320.850.742.437.....Porphyria, Hepatoerythropoietic
C16.320.850.742.625.....Porphyria, Variegate
C16.320.850.742.812.....Protoporphyrinuria, Erythropoietic
C16.320.850.746.....Prolidase Deficiency
C16.320.850.750.....Pseudoxanthoma Elasticum
C16.320.850.765.....Rothmund-Thomson Syndrome
C16.320.850.820.....Sjogren-Larsson Syndrome
C16.320.850.895.....Trichothiodystrophy Syndromes
C16.320.850.970.....Xeroderma Pigmentosum
C16.320.925.....Werner Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C16.320.962.....Yellow Nail Syndrome
C16.614.....Infant, Newborn, Diseases
C16.614.042.....Amniotic Band Syndrome
C16.614.053.....Anemia, Neonatal
C16.614.053.344.....Fetofetal Transfusion
C16.614.053.511.....Fetomaternal Transfusion
C16.614.092.....Asphyxia Neonatorum
C16.614.131.....Birth Injuries
C16.614.131.587.....Paralysis, Obstetric
C16.614.166.....Colic
C16.614.200.....Congenital Hyperinsulinism
C16.614.200.500.....Nesidioblastosis
C16.614.213.....Cystic Fibrosis
C16.614.258.....Epilepsy, Benign Neonatal
C16.614.304.....Erythroblastosis, Fetal
C16.614.304.502.....Kernicterus
C16.614.378.....Hernia, Umbilical
C16.614.438.....Hydrophthalmos
C16.614.451.....Hyperbilirubinemia, Neonatal
C16.614.451.500.....Jaundice, Neonatal
C16.614.451.500.250.....Jaundice, Chronic Idiopathic
C16.614.465.....Hyperostosis, Cortical, Congenital
C16.614.492.....Ichthyosis
C16.614.492.400.....Ichthyosiform Erythroderma, Congenital
C16.614.492.400.375.....Hyperkeratosis, Epidermolytic
C16.614.492.400.410.....Ichthyosis, Lamellar
C16.614.492.400.705.....Netherton Syndrome
C16.614.492.410.....Ichthyosis Bullosa of Siemens
C16.614.492.420.....Ichthyosis, X-Linked
C16.614.492.723.....Sjogren-Larsson Syndrome
C16.614.521.....Infant, Premature, Diseases
C16.614.521.125.....Bronchopulmonary Dysplasia
C16.614.521.450.....Leukomalacia, Periventricular
C16.614.521.563.....Respiratory Distress Syndrome, Newborn
C16.614.521.563.475.....Hyaline Membrane Disease
C16.614.521.563.737.....Transient Tachypnea of the Newborn
C16.614.521.731.....Retinopathy of Prematurity
C16.614.580.....Meconium Aspiration Syndrome
C16.614.595.....Mobius Syndrome
C16.614.610.....Neonatal Abstinence Syndrome
C16.614.627.....Neonatal Sepsis



## 2018 MeSH Tree Hierarchy

Tree location	
C16.614.643.....	Nystagmus, Congenital
C16.614.677.....	Ophthalmia Neonatorum
C16.614.694.....	Persistent Fetal Circulation Syndrome
C16.614.760.....	Rothmund-Thomson Syndrome
C16.614.810.....	Sclerema Neonatorum
C16.614.815.....	Severe Combined Immunodeficiency
C16.614.815.500.....	X-Linked Combined Immunodeficiency Diseases
C16.614.868.....	Syphilis, Congenital
C16.614.890.....	Thanatophoric Dysplasia
C16.614.899.....	Thrombocytopenia, Neonatal Alloimmune
C16.614.909.....	Toxoplasmosis, Congenital
C16.614.940.....	Vitamin K Deficiency Bleeding
C16.614.947.....	Wolman Disease
C17.....	Skin and Connective Tissue Diseases
C17.300.....	Connective Tissue Diseases
C17.300.116.....	Anetoderma
C17.300.182.....	Cartilage Diseases
C17.300.182.100.....	Chondromalacia Patellae
C17.300.182.310.....	Laryngomalacia
C17.300.182.520.....	Osteochondritis
C17.300.182.525.....	Pectus Carinatum
C17.300.182.531.....	Polychondritis, Relapsing
C17.300.182.790.....	Tietze's Syndrome
C17.300.182.895.....	Tracheobronchomalacia
C17.300.182.895.249.....	Bronchomalacia
C17.300.182.895.500.....	Tracheomalacia
C17.300.185.....	Cellulitis
C17.300.185.500.....	Orbital Cellulitis
C17.300.200.....	Collagen Diseases
C17.300.200.310.....	Ehlers-Danlos Syndrome
C17.300.200.367.....	Epidermolysis Bullosa Dystrophica
C17.300.200.425.....	Keloid
C17.300.200.425.125.....	Acne Keloid
C17.300.200.495.....	Necrobiotic Disorders
C17.300.200.495.380.....	Granuloma Annulare
C17.300.200.495.545.....	Necrobiosis Lipoidica
C17.300.200.495.772.....	Necrobiotic Xanthogranuloma
C17.300.200.517.....	Nephritis, Hereditary
C17.300.200.540.....	Osteogenesis Imperfecta
C17.300.230.....	Cutis Laxa
C17.300.250.....	Dermatomyositis

## 2018 MeSH Tree Hierarchy

Tree location	
C17.300.270.....	Dupuytren Contracture
C17.300.349.....	Fibromatosis, Plantar
C17.300.428.....	Homocystinuria
C17.300.451.....	Lipedema
C17.300.475.....	Lupus Erythematosus, Cutaneous
C17.300.475.479.....	Lupus Erythematosus, Discoid
C17.300.475.479.400.....	Panniculitis, Lupus Erythematosus
C17.300.480.....	Lupus Erythematosus, Systemic
C17.300.480.680.....	Lupus Nephritis
C17.300.480.750.....	Lupus Vasculitis, Central Nervous System
C17.300.500.....	Marfan Syndrome
C17.300.540.....	Mixed Connective Tissue Disease
C17.300.550.....	Mucinoses
C17.300.550.274.....	Ganglion Cysts
C17.300.550.550.....	Mucinosis, Follicular
C17.300.550.575.....	Mucopolysaccharidoses
C17.300.550.575.640.....	Mucopolysaccharidosis I
C17.300.550.575.645.....	Mucopolysaccharidosis II
C17.300.550.575.650.....	Mucopolysaccharidosis III
C17.300.550.575.655.....	Mucopolysaccharidosis IV
C17.300.550.575.670.....	Mucopolysaccharidosis VI
C17.300.550.575.675.....	Mucopolysaccharidosis VII
C17.300.550.590.....	Myxedema
C17.300.550.750.....	Scleredema Adultorum
C17.300.550.875.....	Scleromyxedema
C17.300.680.....	Neoplasms, Connective Tissue
C17.300.680.540.....	Myofibroma
C17.300.690.....	Noonan Syndrome
C17.300.705.....	Osteopoikilosis
C17.300.710.....	Panniculitis
C17.300.710.329.....	Erythema Induratum
C17.300.710.400.....	Panniculitis, Lupus Erythematosus
C17.300.710.500.....	Panniculitis, Nodular Nonsuppurative
C17.300.710.600.....	Panniculitis, Peritoneal
C17.300.715.....	Penile Induration
C17.300.766.....	Pseudoxanthoma Elasticum
C17.300.775.....	Rheumatic Diseases
C17.300.775.049.....	Arthritis, Juvenile
C17.300.775.099.....	Arthritis, Rheumatoid
C17.300.775.099.219.....	Caplan Syndrome
C17.300.775.099.389.....	Felty Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C17.300.775.099.683.....Rheumatoid Nodule
C17.300.775.099.728.....Rheumatoid Vasculitis
C17.300.775.099.774.....Sjogren's Syndrome
C17.300.775.099.870.....Still's Disease, Adult-Onset
C17.300.775.440.....Hyperostosis, Sternocostoclavicular
C17.300.775.720.....Polymyalgia Rheumatica
C17.300.787.....Scleroderma, Localized
C17.300.799.....Scleroderma, Systemic
C17.300.799.602.....Scleroderma, Diffuse
C17.300.799.801.....Scleroderma, Limited
C17.300.799.801.500.....CREST Syndrome
C17.300.849.....Undifferentiated Connective Tissue Diseases
C17.300.899.....Weill-Marchesani Syndrome
C17.800.....Skin Diseases
C17.800.030.....Acneiform Eruptions
C17.800.030.030.....Acne Keloid
C17.800.030.150.....Acne Vulgaris
C17.800.030.150.500.....Acne Conglobata
C17.800.030.575.....Chloracne
C17.800.060.....Angiolymphoid Hyperplasia with Eosinophilia
C17.800.090.....Breast Diseases
C17.800.090.249.....Breast Cyst
C17.800.090.500.....Breast Neoplasms
C17.800.090.500.130.....Breast Carcinoma In Situ
C17.800.090.500.260.....Breast Neoplasms, Male
C17.800.090.500.390.....Carcinoma, Ductal, Breast
C17.800.090.500.437.....Carcinoma, Lobular
C17.800.090.500.483.....Hereditary Breast and Ovarian Cancer Syndrome
C17.800.090.500.576.....Inflammatory Breast Neoplasms
C17.800.090.500.682.....Unilateral Breast Neoplasms
C17.800.090.500.788.....Triple Negative Breast Neoplasms
C17.800.090.750.....Fibrocystic Breast Disease
C17.800.090.875.....Gynecomastia
C17.800.090.937.....Lactation Disorders
C17.800.090.937.439.....Galactorrhea
C17.800.090.937.439.500.....Chiari-Frommel Syndrome
C17.800.090.968.....Mastitis
C17.800.090.968.400.....Granulomatous Mastitis
C17.800.135.....Cutaneous Fistula
C17.800.174.....Dermatitis
C17.800.174.100.....Acrodermatitis

## 2018 MeSH Tree Hierarchy

Tree location
C17.800.174.146.....Dandruff
C17.800.174.193.....Dermatitis, Atopic
C17.800.174.255.....Dermatitis, Contact
C17.800.174.255.100.....Dermatitis, Allergic Contact
C17.800.174.255.100.600.....Dermatitis, Photoallergic
C17.800.174.255.100.700.....Dermatitis, Toxicodendron
C17.800.174.255.400.....Dermatitis, Irritant
C17.800.174.255.400.225.....Dermatitis, Phototoxic
C17.800.174.255.400.250.....Diaper Rash
C17.800.174.255.700.....Dermatitis, Occupational
C17.800.174.318.....Dermatitis, Exfoliative
C17.800.174.360.....Dermatitis Herpetiformis
C17.800.174.550.....Dermatitis, Perioral
C17.800.174.580.....Dermatitis, Seborrheic
C17.800.174.600.....Drug Eruptions
C17.800.174.600.174.....Acute Generalized Exanthematous Pustulosis
C17.800.174.600.262.....Drug Hypersensitivity Syndrome
C17.800.174.600.375.....Erythema Nodosum
C17.800.174.600.587.....Hand-Foot Syndrome
C17.800.174.600.693.....Nicolau Syndrome
C17.800.174.600.800.....Serum Sickness
C17.800.174.600.900.....Stevens-Johnson Syndrome
C17.800.174.620.....Eczema
C17.800.174.620.300.....Eczema, Dyshidrotic
C17.800.174.640.....Intertrigo
C17.800.174.660.....Neurodermatitis
C17.800.174.826.....Radiodermatitis
C17.800.185.....Dermatomyositis
C17.800.229.....Erythema
C17.800.229.200.....Erythema Chronicum Migrans
C17.800.229.329.....Erythema Induratum
C17.800.229.335.....Erythema Infectiosum
C17.800.229.400.....Erythema Multiforme
C17.800.229.400.683.....Stevens-Johnson Syndrome
C17.800.229.413.....Erythema Nodosum
C17.800.229.606.....Erythrokeratoderma Variabilis
C17.800.229.800.....Sweet Syndrome
C17.800.257.....Exanthema
C17.800.257.335.....Exanthema Subitum
C17.800.271.....Facial Dermatoses
C17.800.271.250.....Dermatitis, Perioral

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.321.....	Foot Diseases
C17.800.321.063.....	Fibromatosis, Plantar
C17.800.321.125.....	Foot Dermatoses
C17.800.321.125.500.....	Tinea Pedis
C17.800.321.250.....	Foot Ulcer
C17.800.321.500.....	Immersion Foot
C17.800.329.....	Hair Diseases
C17.800.329.500.....	Folliculitis
C17.800.329.500.261.....	Acne Keloid
C17.800.329.750.....	Hirsutism
C17.800.329.875.....	Hypertrichosis
C17.800.329.937.....	Hypotrichosis
C17.800.329.937.122.....	Alopecia
C17.800.329.937.122.147.....	Alopecia Areata
C17.800.329.937.122.348.....	Loose Anagen Hair Syndrome
C17.800.329.937.122.550.....	Mucinosis, Follicular
C17.800.329.968.....	Menkes Kinky Hair Syndrome
C17.800.329.984.....	Monilethrix
C17.800.329.992.....	Piedra
C17.800.338.....	Hand Dermatoses
C17.800.417.....	Keratoacanthoma
C17.800.428.....	Keratosis
C17.800.428.200.....	Callosities
C17.800.428.260.....	Cholesteatoma
C17.800.428.260.300.....	Cholesteatoma, Middle Ear
C17.800.428.275.....	Darier Disease
C17.800.428.304.....	Erythrokeratoderma Variabilis
C17.800.428.333.....	Ichthyosis
C17.800.428.333.250.....	Ichthyosiform Erythroderma, Congenital
C17.800.428.333.250.375.....	Hyperkeratosis, Epidermolytic
C17.800.428.333.250.410.....	Ichthyosis, Lamellar
C17.800.428.333.250.705.....	Netherton Syndrome
C17.800.428.333.330.....	Ichthyosis Bullosa of Siemens
C17.800.428.333.410.....	Ichthyosis Vulgaris
C17.800.428.333.420.....	Ichthyosis, X-Linked
C17.800.428.333.723.....	Sjogren-Larsson Syndrome
C17.800.428.435.....	Keratoderma, Palmoplantar
C17.800.428.435.440.....	Keratoderma, Palmoplantar, Diffuse
C17.800.428.435.440.500.....	Keratoderma, Palmoplantar, Epidermolytic
C17.800.428.435.600.....	Papillon-Lefevre Disease
C17.800.428.570.....	Keratosis, Actinic

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.428.580.....	Keratosis, Seborrheic
C17.800.428.736.....	Parakeratosis
C17.800.428.750.....	Porokeratosis
C17.800.446.....	Leg Dermatoses
C17.800.463.....	Lipomatosis
C17.800.463.249.....	Adiposis Dolorosa
C17.800.463.375.....	Familial Multiple Lipomatosis
C17.800.463.500.....	Lipomatosis, Multiple Symmetrical
C17.800.480.....	Lupus Erythematosus, Cutaneous
C17.800.480.479.....	Lupus Erythematosus, Discoid
C17.800.480.479.400.....	Panniculitis, Lupus Erythematosus
C17.800.508.....	Mastocytosis
C17.800.508.236.....	Mastocytoma
C17.800.508.236.500.....	Mastocytoma, Skin
C17.800.508.473.....	Mastocytosis, Cutaneous
C17.800.508.473.500.....	Mastocytoma, Skin
C17.800.508.473.850.....	Urticaria Pigmentosa
C17.800.518.....	Morgellons Disease
C17.800.529.....	Nail Diseases
C17.800.529.400.....	Nail-Patella Syndrome
C17.800.529.406.....	Nails, Ingrown
C17.800.529.478.....	Onycholysis
C17.800.529.550.....	Onychomycosis
C17.800.529.594.....	Pachyonychia Congenita
C17.800.529.594.500.....	Steatocystoma Multiplex
C17.800.529.639.....	Paronychia
C17.800.529.819.....	Yellow Nail Syndrome
C17.800.550.....	Necrobiotic Disorders
C17.800.550.380.....	Granuloma Annulare
C17.800.550.545.....	Necrobiosis Lipoidica
C17.800.550.772.....	Necrobiotic Xanthogranuloma
C17.800.551.....	Necrolytic Migratory Erythema
C17.800.553.....	Nephrogenic Fibrosing Dermopathy
C17.800.566.....	Panniculitis
C17.800.566.329.....	Erythema Induratum
C17.800.566.400.....	Panniculitis, Lupus Erythematosus
C17.800.566.500.....	Panniculitis, Nodular Nonsuppurative
C17.800.600.....	Photosensitivity Disorders
C17.800.600.325.....	Dermatitis, Photoallergic
C17.800.600.335.....	Dermatitis, Phototoxic
C17.800.600.425.....	Hydroa Vacciniforme

## 2018 MeSH Tree Hierarchy

Tree location
C17.800.600.725.....Sunburn
C17.800.600.925.....Xeroderma Pigmentosum
C17.800.621.....Pigmentation Disorders
C17.800.621.166.....Argyria
C17.800.621.250.....Cafe-au-Lait Spots
C17.800.621.430.....Hyperpigmentation
C17.800.621.430.530.....Melanosis
C17.800.621.430.530.100.....Acanthosis Nigricans
C17.800.621.430.530.550.....Lentigo
C17.800.621.430.530.550.525.....LEOPARD Syndrome
C17.800.621.430.530.550.625.....Peutz-Jeghers Syndrome
C17.800.621.440.....Hypopigmentation
C17.800.621.440.102.....Albinism
C17.800.621.440.102.090.....Albinism, Ocular
C17.800.621.440.102.100.....Albinism, Oculocutaneous
C17.800.621.440.102.100.400.....Hermanski-Pudlak Syndrome
C17.800.621.440.102.600.....Piebaldism
C17.800.621.440.895.....Vitiligo
C17.800.621.497.....Incontinentia Pigmenti
C17.800.621.893.....Urticaria Pigmentosa
C17.800.621.936.....Xeroderma Pigmentosum
C17.800.621.968.....Yellow Nail Syndrome
C17.800.674.....Prurigo
C17.800.685.....Pruritus
C17.800.685.544.....Pruritus Ani
C17.800.685.710.....Pruritus Vulvae
C17.800.695.....Pyoderma
C17.800.695.210.....Ecthyma
C17.800.695.675.....Pyoderma Gangrenosum
C17.800.716.....Rosacea
C17.800.716.500.....Rhinophyma
C17.800.738.....Scalp Dermatoses
C17.800.738.353.....Dandruff
C17.800.738.708.....Tinea Capitis
C17.800.738.708.708.....Tinea Favosa
C17.800.751.....Scleredema Adultorum
C17.800.767.....Scleroderma, Localized
C17.800.784.....Scleroderma, Systemic
C17.800.784.602.....Scleroderma, Diffuse
C17.800.784.801.....Scleroderma, Limited
C17.800.784.801.500.....CREST Syndrome

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.794.....	Sebaceous Gland Diseases
C17.800.794.111.....	Acne Vulgaris
C17.800.794.111.500.....	Acne Conglobata
C17.800.794.230.....	Dermatitis, Seborrheic
C17.800.794.550.....	Mucinosis, Follicular
C17.800.794.650.....	Rhinophyma
C17.800.794.712.....	Sebaceous Gland Neoplasms
C17.800.794.712.500.....	Muir-Torre Syndrome
C17.800.804.....	Skin Abnormalities
C17.800.804.066.....	Acrodermatitis
C17.800.804.108.....	Anetoderma
C17.800.804.150.....	Dyskeratosis Congenita
C17.800.804.350.....	Ectodermal Dysplasia
C17.800.804.350.198.....	Ectodermal Dysplasia 1, Anhidrotic
C17.800.804.350.298.....	Ectodermal Dysplasia 3, Anhidrotic
C17.800.804.350.348.....	Ectodermal Dysplasia, Hypohidrotic, Autosomal Recessive
C17.800.804.350.398.....	Ellis-Van Creveld Syndrome
C17.800.804.350.424.....	Focal Dermal Hypoplasia
C17.800.804.350.712.....	Neurocutaneous Syndromes
C17.800.804.350.856.....	Pachyonychia Congenita
C17.800.804.350.856.500.....	Steatocystoma Multiplex
C17.800.804.428.....	Ehlers-Danlos Syndrome
C17.800.804.493.....	Epidermolysis Bullosa
C17.800.804.493.080.....	Epidermolysis Bullosa Acquisita
C17.800.804.493.160.....	Epidermolysis Bullosa Dystrophica
C17.800.804.493.170.....	Epidermolysis Bullosa, Junctional
C17.800.804.493.180.....	Epidermolysis Bullosa Simplex
C17.800.804.512.....	Ichthyosis
C17.800.804.512.400.....	Ichthyosiform Erythroderma, Congenital
C17.800.804.512.400.375.....	Hyperkeratosis, Epidermolytic
C17.800.804.512.400.410.....	Ichthyosis, Lamellar
C17.800.804.512.400.705.....	Netherton Syndrome
C17.800.804.512.405.....	Ichthyosis Bullosa of Siemens
C17.800.804.512.410.....	Ichthyosis Vulgaris
C17.800.804.512.420.....	Ichthyosis, X-Linked
C17.800.804.512.723.....	Sjogren-Larsson Syndrome
C17.800.804.580.....	Incontinentia Pigmenti
C17.800.804.675.....	Port-Wine Stain
C17.800.804.766.....	Pseudoxanthoma Elasticum
C17.800.804.775.....	Rothmund-Thomson Syndrome
C17.800.804.812.....	Sclerema Neonatorum



## 2018 MeSH Tree Hierarchy

Tree location
C17.800.804.874.....Trichothiodystrophy Syndromes
C17.800.804.936.....Xeroderma Pigmentosum
C17.800.815.....Skin Diseases, Eczematous
C17.800.815.193.....Dermatitis, Atopic
C17.800.815.255.....Dermatitis, Contact
C17.800.815.255.100.....Dermatitis, Allergic Contact
C17.800.815.255.100.600.....Dermatitis, Photoallergic
C17.800.815.255.100.700.....Dermatitis, Toxicodendron
C17.800.815.255.400.....Dermatitis, Irritant
C17.800.815.255.400.225.....Dermatitis, Phototoxic
C17.800.815.255.400.250.....Diaper Rash
C17.800.815.255.700.....Dermatitis, Occupational
C17.800.815.318.....Dermatitis, Exfoliative
C17.800.815.580.....Dermatitis, Seborrheic
C17.800.815.620.....Eczema
C17.800.815.620.300.....Eczema, Dyshidrotic
C17.800.815.650.....Intertrigo
C17.800.815.660.....Neurodermatitis
C17.800.827.....Skin Diseases, Genetic
C17.800.827.080.....Albinism
C17.800.827.080.090.....Albinism, Ocular
C17.800.827.080.100.....Albinism, Oculocutaneous
C17.800.827.080.100.400.....Hermanski-Pudlak Syndrome
C17.800.827.080.600.....Piebaldism
C17.800.827.180.....Cutis Laxa
C17.800.827.190.....Darier Disease
C17.800.827.210.....Dermatitis, Atopic
C17.800.827.235.....Dyskeratosis Congenita
C17.800.827.250.....Ectodermal Dysplasia
C17.800.827.250.198.....Ectodermal Dysplasia 1, Anhidrotic
C17.800.827.250.298.....Ectodermal Dysplasia 3, Anhidrotic
C17.800.827.250.348.....Ectodermal Dysplasia, Hypohidrotic, Autosomal Recessive
C17.800.827.250.398.....Ellis-Van Creveld Syndrome
C17.800.827.250.424.....Focal Dermal Hypoplasia
C17.800.827.250.712.....Neurocutaneous Syndromes
C17.800.827.250.856.....Pachyonychia Congenita
C17.800.827.250.856.500.....Steatocystoma Multiplex
C17.800.827.260.....Ehlers-Danlos Syndrome
C17.800.827.275.....Epidermolysis Bullosa
C17.800.827.275.080.....Epidermolysis Bullosa Acquisita
C17.800.827.275.160.....Epidermolysis Bullosa Dystrophica

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.827.275.170.....	Epidermolysis Bullosa, Junctional
C17.800.827.275.180.....	Epidermolysis Bullosa Simplex
C17.800.827.337.....	Erythrokeratoderma Variabilis
C17.800.827.368.....	Hereditary Autoinflammatory Diseases
C17.800.827.368.250.....	Behcet Syndrome
C17.800.827.368.500.....	Cryopyrin-Associated Periodic Syndromes
C17.800.827.384.....	Hyalinosis, Systemic
C17.800.827.400.....	Ichthyosiform Erythroderma, Congenital
C17.800.827.400.375.....	Hyperkeratosis, Epidermolytic
C17.800.827.400.410.....	Ichthyosis, Lamellar
C17.800.827.403.....	Ichthyosis Bullosa of Siemens
C17.800.827.405.....	Ichthyosis Vulgaris
C17.800.827.408.....	Ichthyosis, X-Linked
C17.800.827.420.....	Incontinentia Pigmenti
C17.800.827.475.....	Keratoderma, Palmoplantar
C17.800.827.475.440.....	Keratoderma, Palmoplantar, Diffuse
C17.800.827.475.440.500.....	Keratoderma, Palmoplantar, Epidermolytic
C17.800.827.475.600.....	Papillon-Lefevre Disease
C17.800.827.595.....	Leukokeratosis, Hereditary Mucosal
C17.800.827.602.....	Monilethrix
C17.800.827.610.....	Muir-Torre Syndrome
C17.800.827.655.....	Netherton Syndrome
C17.800.827.700.....	Pemphigus, Benign Familial
C17.800.827.730.....	Porokeratosis
C17.800.827.738.....	Porphyria, Erythropoietic
C17.800.827.742.....	Porphyrias, Hepatic
C17.800.827.742.074.....	Coproporphyrin, Hereditary
C17.800.827.742.150.....	Porphyria, Acute Intermittent
C17.800.827.742.250.....	Porphyria Cutanea Tarda
C17.800.827.742.437.....	Porphyria, Hepatoerythropoietic
C17.800.827.742.625.....	Porphyria, Variegate
C17.800.827.742.812.....	Protoporphyrin, Erythropoietic
C17.800.827.750.....	Pseudoxanthoma Elasticum
C17.800.827.775.....	Rothmund-Thomson Syndrome
C17.800.827.820.....	Sjogren-Larsson Syndrome
C17.800.827.895.....	Trichothiodystrophy Syndromes
C17.800.827.970.....	Xeroderma Pigmentosum
C17.800.838.....	Skin Diseases, Infectious
C17.800.838.208.....	Dermatomycoses
C17.800.838.208.055.....	Blastomycosis
C17.800.838.208.165.....	Candidiasis, Chronic Mucocutaneous

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.838.208.170.....	Candidiasis, Cutaneous
C17.800.838.208.241.....	Chromoblastomycosis
C17.800.838.208.416.....	Hyalohyphomycosis
C17.800.838.208.416.125.....	Alternariosis
C17.800.838.208.416.375.....	Cerebral Phaeohyphomycosis
C17.800.838.208.416.500.....	Fusariosis
C17.800.838.208.475.....	Lobomycosis
C17.800.838.208.557.....	Mycetoma
C17.800.838.208.675.....	Sporotrichosis
C17.800.838.208.883.....	Tinea
C17.800.838.208.883.458.....	Onychomycosis
C17.800.838.208.883.558.....	Tinea Capitis
C17.800.838.208.883.558.708.....	Tinea Favosa
C17.800.838.208.883.658.....	Tinea Pedis
C17.800.838.208.941.....	Tinea Versicolor
C17.800.838.486.....	Paronychia
C17.800.838.765.....	Skin Diseases, Bacterial
C17.800.838.765.110.....	Actinomycosis, Cervicofacial
C17.800.838.765.150.....	Angiomatosis, Bacillary
C17.800.838.765.180.....	Digital Dermatitis
C17.800.838.765.210.....	Ecthyma
C17.800.838.765.260.....	Erysipelas
C17.800.838.765.310.....	Erythema Chronicum Migrans
C17.800.838.765.320.....	Erythrasma
C17.800.838.765.360.....	Granuloma Inguinale
C17.800.838.765.420.....	Hidradenitis Suppurativa
C17.800.838.765.557.....	Mycetoma
C17.800.838.765.630.....	Pinta
C17.800.838.765.705.....	Rhinoscleroma
C17.800.838.765.770.....	Staphylococcal Skin Infections
C17.800.838.765.770.270.....	Furunculosis
C17.800.838.765.770.270.200.....	Carbuncle
C17.800.838.765.770.360.....	Impetigo
C17.800.838.765.770.770.....	Staphylococcal Scalded Skin Syndrome
C17.800.838.765.790.....	Syphilis, Cutaneous
C17.800.838.765.820.....	Tuberculosis, Cutaneous
C17.800.838.765.820.320.....	Erythema Induratum
C17.800.838.765.820.470.....	Lupus Vulgaris
C17.800.838.765.910.....	Yaws
C17.800.838.775.....	Skin Diseases, Parasitic
C17.800.838.775.424.....	Larva Migrans

## 2018 MeSH Tree Hierarchy

Tree location
C17.800.838.775.560.....Leishmaniasis
C17.800.838.775.560.400.....Leishmaniasis, Cutaneous
C17.800.838.775.560.400.350.....Leishmaniasis, Diffuse Cutaneous
C17.800.838.775.560.400.385.....Leishmaniasis, Mucocutaneous
C17.800.838.775.580.....Lice Infestations
C17.800.838.775.690.....Onchocerciasis
C17.800.838.775.800.....Scabies
C17.800.838.790.....Skin Diseases, Viral
C17.800.838.790.260.....Erythema Infectiosum
C17.800.838.790.290.....Exanthema Subitum
C17.800.838.790.320.....Herpes Simplex
C17.800.838.790.320.320.....Herpes Labialis
C17.800.838.790.320.410.....Kaposi Varicelliform Eruption
C17.800.838.790.550.....Molluscum Contagiosum
C17.800.838.790.810.....Warts
C17.800.838.790.810.110.....Condylomata Acuminata
C17.800.838.790.810.110.500.....Buschke-Lowenstein Tumor
C17.800.838.790.810.260.....Epidermodysplasia Verruciformis
C17.800.849.....Skin Diseases, Metabolic
C17.800.849.391.....Lipodystrophy
C17.800.849.391.400.....HIV-Associated Lipodystrophy Syndrome
C17.800.849.391.550.....Lipodystrophy, Congenital Generalized
C17.800.849.391.700.....Lipodystrophy, Familial Partial
C17.800.849.495.....Necrobiosis Lipoidica
C17.800.859.....Skin Diseases, Papulosquamous
C17.800.859.350.....Dermatitis, Seborrheic
C17.800.859.475.....Lichenoid Eruptions
C17.800.859.475.545.....Lichen Nitidus
C17.800.859.475.560.....Lichen Planus
C17.800.859.475.560.397.....Lichen Planus, Oral
C17.800.859.475.605.....Lichen Sclerosus et Atrophicus
C17.800.859.475.650.....Pityriasis Lichenoides
C17.800.859.575.....Parapsoriasis
C17.800.859.575.650.....Pityriasis Lichenoides
C17.800.859.600.....Pityriasis
C17.800.859.600.650.....Pityriasis Lichenoides
C17.800.859.600.675.....Pityriasis Rosea
C17.800.859.600.685.....Pityriasis Rubra Pilaris
C17.800.859.675.....Psoriasis
C17.800.859.675.175.....Arthritis, Psoriatic
C17.800.862.....Skin Diseases, Vascular

## 2018 MeSH Tree Hierarchy

Tree location	
C17.800.862.060.....	Angiomatosis, Bacillary
C17.800.862.150.....	Behcet Syndrome
C17.800.862.252.....	Giant Cell Arteritis
C17.800.862.355.....	Livedo Reticularis
C17.800.862.457.....	Malignant Atrophic Papulosis
C17.800.862.560.....	Mucocutaneous Lymph Node Syndrome
C17.800.862.625.....	Polyarteritis Nodosa
C17.800.862.675.....	Pyoderma Gangrenosum
C17.800.862.775.....	Sneddon Syndrome
C17.800.862.875.....	Takayasu Arteritis
C17.800.862.945.....	Urticaria
C17.800.862.945.066.....	Angioedema
C17.800.862.945.066.500.....	Angioedemas, Hereditary
C17.800.862.945.066.500.500.....	Hereditary Angioedema Type III
C17.800.862.945.066.500.750.....	Hereditary Angioedema Types I and II
C17.800.865.....	Skin Diseases, Vesiculobullous
C17.800.865.070.....	Acantholysis
C17.800.865.187.....	Blister
C17.800.865.360.....	Dermatitis Herpetiformis
C17.800.865.385.....	Eczema, Dyshidrotic
C17.800.865.410.....	Epidermolysis Bullosa
C17.800.865.410.080.....	Epidermolysis Bullosa Acquisita
C17.800.865.410.160.....	Epidermolysis Bullosa Dystrophica
C17.800.865.410.170.....	Epidermolysis Bullosa, Junctional
C17.800.865.410.180.....	Epidermolysis Bullosa Simplex
C17.800.865.475.....	Erythema Multiforme
C17.800.865.475.683.....	Stevens-Johnson Syndrome
C17.800.865.575.....	Hydroa Vacciniforme
C17.800.865.622.....	Linear IgA Bullous Dermatitis
C17.800.865.670.....	Pemphigoid, Benign Mucous Membrane
C17.800.865.690.....	Pemphigoid, Bullous
C17.800.865.700.....	Pemphigoid Gestationis
C17.800.865.716.....	Pemphigus
C17.800.865.858.....	Pemphigus, Benign Familial
C17.800.882.....	Skin Neoplasms
C17.800.882.712.....	Sebaceous Gland Neoplasms
C17.800.882.712.500.....	Muir-Torre Syndrome
C17.800.882.743.....	Sweat Gland Neoplasms
C17.800.893.....	Skin Ulcer
C17.800.893.295.....	Buruli Ulcer
C17.800.893.592.....	Leg Ulcer

## 2018 MeSH Tree Hierarchy

Tree location
C17.800.893.592.450.....Foot Ulcer
C17.800.893.592.450.200.....Diabetic Foot
C17.800.893.592.730.....Varicose Ulcer
C17.800.893.665.....Pressure Ulcer
C17.800.893.675.....Pyoderma Gangrenosum
C17.800.946.....Sweat Gland Diseases
C17.800.946.315.....Hidradenitis
C17.800.946.315.320.....Hidradenitis Suppurativa
C17.800.946.350.....Hyperhidrosis
C17.800.946.350.843.....Sweating, Gustatory
C17.800.946.370.....Hypohidrosis
C17.800.946.492.....Miliaria
C17.800.946.492.285.....Fox-Fordyce Disease
C17.800.946.743.....Sweat Gland Neoplasms
C17.800.973.....Xanthogranuloma, Juvenile
C18.....Nutritional and Metabolic Diseases
C18.452.....Metabolic Diseases
C18.452.076.....Acid-Base Imbalance
C18.452.076.087.....Achlorhydria
C18.452.076.176.....Acidosis
C18.452.076.176.180.....Acidosis, Lactic
C18.452.076.176.210.....Acidosis, Renal Tubular
C18.452.076.176.310.....Acidosis, Respiratory
C18.452.076.176.652.....Ketosis
C18.452.076.176.652.500.....Diabetic Ketoacidosis
C18.452.076.354.....Alkalosis
C18.452.076.354.271.....Alkalosis, Respiratory
C18.452.104.....Bone Diseases, Metabolic
C18.452.104.247.....Bone Demineralization, Pathologic
C18.452.104.247.400.....Decalcification, Pathologic
C18.452.104.579.....Osteoporosis
C18.452.104.579.304.....Female Athlete Triad Syndrome
C18.452.104.579.610.....Osteoporosis, Postmenopausal
C18.452.104.709.....Pseudohypoparathyroidism
C18.452.104.709.628.....Pseudopseudohypoparathyroidism
C18.452.104.816.....Rickets
C18.452.104.816.640.....Osteomalacia
C18.452.104.816.750.....Chronic Kidney Disease-Mineral and Bone Disorder
C18.452.104.816.875.....Rickets, Hypophosphatemic
C18.452.104.816.875.500.....Familial Hypophosphatemic Rickets
C18.452.132.....Brain Diseases, Metabolic

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.132.100.....Brain Diseases, Metabolic, Inborn
C18.452.132.100.084.....Adrenoleukodystrophy
C18.452.132.100.168.....Cerebral Amyloid Angiopathy, Familial
C18.452.132.100.320.....Galactosemias
C18.452.132.100.355.....Hartnup Disease
C18.452.132.100.360.....Hepatolenticular Degeneration
C18.452.132.100.362.....Hereditary Central Nervous System Demyelinating Diseases
C18.452.132.100.362.250.....Adrenoleukodystrophy
C18.452.132.100.362.312.....Alexander Disease
C18.452.132.100.362.375.....Canavan Disease
C18.452.132.100.362.500.....Leukodystrophy, Globoid Cell
C18.452.132.100.362.550.....Leukodystrophy, Metachromatic
C18.452.132.100.362.775.....Pelizaeus-Merzbacher Disease
C18.452.132.100.365.....Homocystinuria
C18.452.132.100.375.....Hyperglycinemia, Nonketotic
C18.452.132.100.380.....Hyperlysinemias
C18.452.132.100.412.....Leigh Disease
C18.452.132.100.425.....Lesch-Nyhan Syndrome
C18.452.132.100.435.....Lysosomal Storage Diseases, Nervous System
C18.452.132.100.435.295.....Fucosidosis
C18.452.132.100.435.340.....Glycogen Storage Disease Type II
C18.452.132.100.435.590.....Mucopolidoses
C18.452.132.100.435.810.....Sialic Acid Storage Disease
C18.452.132.100.435.825.....Sphingolipidoses
C18.452.132.100.435.825.200.....Fabry Disease
C18.452.132.100.435.825.250.....Farber Lipogranulomatosis
C18.452.132.100.435.825.300.....Gangliosidoses
C18.452.132.100.435.825.300.300.....Gangliosidoses, GM2
C18.452.132.100.435.825.300.300.249.....Sandhoff Disease
C18.452.132.100.435.825.300.300.500.....Tay-Sachs Disease
C18.452.132.100.435.825.300.300.750.....Tay-Sachs Disease, AB Variant
C18.452.132.100.435.825.300.400.....Gangliosidosis, GM1
C18.452.132.100.435.825.400.....Gaucher Disease
C18.452.132.100.435.825.590.....Leukodystrophy, Globoid Cell
C18.452.132.100.435.825.700.....Niemann-Pick Diseases
C18.452.132.100.435.825.700.500.....Niemann-Pick Disease, Type A
C18.452.132.100.435.825.700.750.....Niemann-Pick Disease, Type B
C18.452.132.100.435.825.700.875.....Niemann-Pick Disease, Type C
C18.452.132.100.435.825.775.....Sea-Blue Histiocyte Syndrome
C18.452.132.100.435.825.850.....Sulfatidosis
C18.452.132.100.435.825.850.500.....Leukodystrophy, Metachromatic

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.132.100.435.825.850.750.....Multiple Sulfatase Deficiency Disease
C18.452.132.100.520.....Maple Syrup Urine Disease
C18.452.132.100.535.....MELAS Syndrome
C18.452.132.100.540.....Menkes Kinky Hair Syndrome
C18.452.132.100.545.....MERRF Syndrome
C18.452.132.100.593.....Mevalonate Kinase Deficiency
C18.452.132.100.640.....Oculocerebrorenal Syndrome
C18.452.132.100.687.....Phenylketonurias
C18.452.132.100.687.500.....Phenylketonuria, Maternal
C18.452.132.100.725.....Pyruvate Carboxylase Deficiency Disease
C18.452.132.100.750.....Pyruvate Dehydrogenase Complex Deficiency Disease
C18.452.132.100.813.....Refsum Disease
C18.452.132.100.844.....Refsum Disease, Infantile
C18.452.132.100.875.....Tyrosinemias
C18.452.132.100.937.....Urea Cycle Disorders, Inborn
C18.452.132.100.937.124.....Argininosuccinic Aciduria
C18.452.132.100.937.249.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C18.452.132.100.937.374.....Citrullinemia
C18.452.132.100.937.437.....Hyperargininemia
C18.452.132.100.937.500.....Ornithine Carbamoyltransferase Deficiency Disease
C18.452.132.100.968.....Zellweger Syndrome
C18.452.132.360.....Hepatic Encephalopathy
C18.452.132.480.....Kernicterus
C18.452.132.540.....Mitochondrial Encephalomyopathies
C18.452.132.560.....Myelinolysis, Central Pontine
C18.452.132.780.....Reye Syndrome
C18.452.132.960.....Wernicke Encephalopathy
C18.452.174.....Calcium Metabolism Disorders
C18.452.174.130.....Calcinosis
C18.452.174.130.186.....Calciphylaxis
C18.452.174.130.204.....CREST Syndrome
C18.452.174.130.560.....Nephrocalcinosis
C18.452.174.130.780.....Vascular Calcification
C18.452.174.130.780.500.....Monckeberg Medial Calcific Sclerosis
C18.452.174.289.....Decalcification, Pathologic
C18.452.174.451.....Hypercalcemia
C18.452.174.509.....Hypocalcemia
C18.452.174.509.700.....Tetany
C18.452.174.766.....Pseudohypoparathyroidism
C18.452.174.766.815.....Pseudopseudohypoparathyroidism
C18.452.174.845.....Rickets



## 2018 MeSH Tree Hierarchy

Tree location
C18.452.174.845.640.....Osteomalacia
C18.452.174.845.750.....Chronic Kidney Disease-Mineral and Bone Disorder
C18.452.174.845.875.....Rickets, Hypophosphatemic
C18.452.174.845.875.500.....Familial Hypophosphatemic Rickets
C18.452.284.....DNA Repair-Deficiency Disorders
C18.452.284.060.....Ataxia Telangiectasia
C18.452.284.100.....Bloom Syndrome
C18.452.284.250.....Cockayne Syndrome
C18.452.284.255.....Colorectal Neoplasms, Hereditary Nonpolyposis
C18.452.284.280.....Fanconi Anemia
C18.452.284.520.....Li-Fraumeni Syndrome
C18.452.284.600.....Nijmegen Breakage Syndrome
C18.452.284.760.....Rothmund-Thomson Syndrome
C18.452.284.800.....Severe Combined Immunodeficiency
C18.452.284.960.....Werner Syndrome
C18.452.284.975.....Xeroderma Pigmentosum
C18.452.394.....Glucose Metabolism Disorders
C18.452.394.750.....Diabetes Mellitus
C18.452.394.750.074.....Diabetes Mellitus, Experimental
C18.452.394.750.124.....Diabetes Mellitus, Type 1
C18.452.394.750.124.960.....Wolfram Syndrome
C18.452.394.750.149.....Diabetes Mellitus, Type 2
C18.452.394.750.149.500.....Diabetes Mellitus, Lipoatrophic
C18.452.394.750.448.....Diabetes, Gestational
C18.452.394.750.535.....Diabetic Ketoacidosis
C18.452.394.750.654.....Donohue Syndrome
C18.452.394.750.714.....Latent Autoimmune Diabetes in Adults
C18.452.394.750.774.....Prediabetic State
C18.452.394.937.....Glycosuria
C18.452.394.937.450.....Glycosuria, Renal
C18.452.394.952.....Hyperglycemia
C18.452.394.952.500.....Glucose Intolerance
C18.452.394.968.....Hyperinsulinism
C18.452.394.968.250.....Congenital Hyperinsulinism
C18.452.394.968.250.500.....Nesidioblastosis
C18.452.394.968.500.....Insulin Resistance
C18.452.394.968.500.570.....Metabolic Syndrome
C18.452.394.984.....Hypoglycemia
C18.452.394.984.200.....Congenital Hyperinsulinism
C18.452.394.984.200.500.....Nesidioblastosis
C18.452.394.984.492.....Insulin Coma

## 2018 MeSH Tree Hierarchy

Tree location	
C18.452.479.....	Hyperlactatemia
C18.452.565.....	Iron Metabolism Disorders
C18.452.565.100.....	Anemia, Iron-Deficiency
C18.452.565.500.....	Iron Overload
C18.452.565.500.480.....	Hemochromatosis
C18.452.565.500.500.....	Hemosiderosis
C18.452.584.....	Lipid Metabolism Disorders
C18.452.584.500.....	Dyslipidemias
C18.452.584.500.500.....	Hyperlipidemias
C18.452.584.500.500.396.....	Hypercholesterolemia
C18.452.584.500.500.438.....	Hyperlipidemia, Familial Combined
C18.452.584.500.500.644.....	Hyperlipoproteinemias
C18.452.584.500.500.644.237.....	Hyperlipoproteinemia Type I
C18.452.584.500.500.644.475.....	Hyperlipoproteinemia Type II
C18.452.584.500.500.644.485.....	Hyperlipoproteinemia Type III
C18.452.584.500.500.644.490.....	Hyperlipoproteinemia Type IV
C18.452.584.500.500.644.495.....	Hyperlipoproteinemia Type V
C18.452.584.500.500.851.....	Hypertriglyceridemia
C18.452.584.500.500.851.500.....	Hyperlipoproteinemia Type IV
C18.452.584.500.500.851.750.....	Hyperlipoproteinemia Type V
C18.452.584.500.500.851.875.....	Hypertriglyceridemic Waist
C18.452.584.500.875.....	Hypolipoproteinemias
C18.452.584.500.875.330.....	Hypoalphalipoproteinemias
C18.452.584.500.875.330.500.....	Lecithin Cholesterol Acyltransferase Deficiency
C18.452.584.500.875.330.750.....	Tangier Disease
C18.452.584.500.875.440.....	Hypobetalipoproteinemias
C18.452.584.500.875.440.500.....	Abetalipoproteinemia
C18.452.584.500.875.440.750.....	Hypobetalipoproteinemia, Familial, Apolipoprotein B
C18.452.584.500.937.....	Smith-Lemli-Opitz Syndrome
C18.452.584.562.....	Lipid Metabolism, Inborn Errors
C18.452.584.625.....	Lipodystrophy
C18.452.584.625.400.....	HIV-Associated Lipodystrophy Syndrome
C18.452.584.625.550.....	Lipodystrophy, Congenital Generalized
C18.452.584.625.700.....	Lipodystrophy, Familial Partial
C18.452.584.687.....	Lipidoses
C18.452.584.687.201.....	Cholesterol Ester Storage Disease
C18.452.584.687.201.500.....	Wolman Disease
C18.452.584.687.509.....	Neuronal Ceroid-Lipofuscinoses
C18.452.584.687.723.....	Sjogren-Larsson Syndrome
C18.452.584.687.803.....	Sphingolipidoses
C18.452.584.687.803.300.....	Fabry Disease

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.584.687.803.325.....Farber Lipogranulomatosis
C18.452.584.687.803.350.....Gangliosidoses
C18.452.584.687.803.350.300.....Gangliosidoses, GM2
C18.452.584.687.803.350.300.700.....Sandhoff Disease
C18.452.584.687.803.350.300.850.....Tay-Sachs Disease
C18.452.584.687.803.350.300.925.....Tay-Sachs Disease, AB Variant
C18.452.584.687.803.350.360.....Gangliosidosis, GM1
C18.452.584.687.803.441.....Gaucher Disease
C18.452.584.687.803.585.....Leukodystrophy, Globoid Cell
C18.452.584.687.803.730.....Niemann-Pick Diseases
C18.452.584.687.803.730.500.....Niemann-Pick Disease, Type A
C18.452.584.687.803.730.750.....Niemann-Pick Disease, Type B
C18.452.584.687.803.730.875.....Niemann-Pick Disease, Type C
C18.452.584.687.803.850.....Sea-Blue Histiocyte Syndrome
C18.452.584.687.803.925.....Sulfatidosis
C18.452.584.687.803.925.500.....Leukodystrophy, Metachromatic
C18.452.584.687.803.925.750.....Multiple Sulfatase Deficiency Disease
C18.452.584.718.....Lipomatosis
C18.452.584.718.500.....Adiposis Dolorosa
C18.452.584.718.625.....Familial Multiple Lipomatosis
C18.452.584.718.750.....Lipomatosis, Multiple Symmetrical
C18.452.584.750.....Xanthomatosis
C18.452.584.750.487.....Necrobiotic Xanthogranuloma
C18.452.584.750.975.....Xanthomatosis, Cerebrotendinous
C18.452.603.....Malabsorption Syndromes
C18.452.603.145.....Blind Loop Syndrome
C18.452.603.250.....Celiac Disease
C18.452.603.314.....Collagenous Sprue
C18.452.603.378.....Hyperhomocysteinemia
C18.452.603.506.....Lactose Intolerance
C18.452.603.850.....Sprue, Tropical
C18.452.603.887.....Steatorrhea
C18.452.603.925.....Whipple Disease
C18.452.625.....Metabolic Syndrome
C18.452.648.....Metabolism, Inborn Errors
C18.452.648.100.....Amino Acid Metabolism, Inborn Errors
C18.452.648.100.102.....Albinism
C18.452.648.100.102.090.....Albinism, Ocular
C18.452.648.100.102.100.....Albinism, Oculocutaneous
C18.452.648.100.102.100.400.....Hermanski-Pudlak Syndrome
C18.452.648.100.102.600.....Piebaldism

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.100.187.....Alkaptonuria
C18.452.648.100.477.....Hyperglycinemia, Nonketotic
C18.452.648.100.480.....Hyperhomocysteinemia
C18.452.648.100.480.500.....Homocystinuria
C18.452.648.100.544.....Hyperlysinemias
C18.452.648.100.608.....Maple Syrup Urine Disease
C18.452.648.100.614.....Multiple Acyl Coenzyme A Dehydrogenase Deficiency
C18.452.648.100.620.....Multiple Carboxylase Deficiency
C18.452.648.100.620.100.....Biotinidase Deficiency
C18.452.648.100.620.380.....Holocarboxylase Synthetase Deficiency
C18.452.648.100.766.....Phenylketonurias
C18.452.648.100.766.500.....Phenylketonuria, Maternal
C18.452.648.100.823.....Propionic Acidemia
C18.452.648.100.880.....Tyrosinemias
C18.452.648.100.940.....Urea Cycle Disorders, Inborn
C18.452.648.100.940.124.....Argininosuccinic Aciduria
C18.452.648.100.940.249.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C18.452.648.100.940.374.....Citrullinemia
C18.452.648.100.940.437.....Hyperargininemia
C18.452.648.100.940.500.....Ornithine Carbamoyltransferase Deficiency Disease
C18.452.648.151.....Amino Acid Transport Disorders, Inborn
C18.452.648.151.355.....Hartnup Disease
C18.452.648.151.600.....Oculocerebrorenal Syndrome
C18.452.648.176.....Amyloidosis, Familial
C18.452.648.176.050.....Amyloid Neuropathies, Familial
C18.452.648.176.160.....Cerebral Amyloid Angiopathy, Familial
C18.452.648.189.....Brain Diseases, Metabolic, Inborn
C18.452.648.189.084.....Adrenoleukodystrophy
C18.452.648.189.168.....Cerebral Amyloid Angiopathy, Familial
C18.452.648.189.320.....Galactosemias
C18.452.648.189.355.....Hartnup Disease
C18.452.648.189.360.....Hepatolenticular Degeneration
C18.452.648.189.362.....Hereditary Central Nervous System Demyelinating Diseases
C18.452.648.189.362.250.....Adrenoleukodystrophy
C18.452.648.189.362.312.....Alexander Disease
C18.452.648.189.362.375.....Canavan Disease
C18.452.648.189.362.500.....Leukodystrophy, Globoid Cell
C18.452.648.189.362.550.....Leukodystrophy, Metachromatic
C18.452.648.189.362.775.....Pelizaeus-Merzbacher Disease
C18.452.648.189.365.....Homocystinuria
C18.452.648.189.375.....Hyperglycinemia, Nonketotic

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.189.380.....Hyperlysinemias
C18.452.648.189.412.....Leigh Disease
C18.452.648.189.425.....Lesch-Nyhan Syndrome
C18.452.648.189.435.....Lysosomal Storage Diseases, Nervous System
C18.452.648.189.435.295.....Fucosidosis
C18.452.648.189.435.340.....Glycogen Storage Disease Type II
C18.452.648.189.435.590.....Mucopolysaccharidoses
C18.452.648.189.435.810.....Sialic Acid Storage Disease
C18.452.648.189.435.825.....Sphingolipidoses
C18.452.648.189.435.825.200.....Fabry Disease
C18.452.648.189.435.825.250.....Farber Lipogranulomatosis
C18.452.648.189.435.825.300.....Gangliosidoses
C18.452.648.189.435.825.300.300.....Gangliosidoses, GM2
C18.452.648.189.435.825.300.300.249.....Sandhoff Disease
C18.452.648.189.435.825.300.300.500.....Tay-Sachs Disease
C18.452.648.189.435.825.300.300.750.....Tay-Sachs Disease, AB Variant
C18.452.648.189.435.825.300.400.....Gangliosidosis, GM1
C18.452.648.189.435.825.400.....Gaucher Disease
C18.452.648.189.435.825.590.....Leukodystrophy, Globoid Cell
C18.452.648.189.435.825.700.....Niemann-Pick Diseases
C18.452.648.189.435.825.700.500.....Niemann-Pick Disease, Type A
C18.452.648.189.435.825.700.750.....Niemann-Pick Disease, Type B
C18.452.648.189.435.825.700.875.....Niemann-Pick Disease, Type C
C18.452.648.189.435.825.775.....Sea-Blue Histiocyte Syndrome
C18.452.648.189.435.825.850.....Sulfatidosis
C18.452.648.189.435.825.850.500.....Leukodystrophy, Metachromatic
C18.452.648.189.435.825.850.750.....Multiple Sulfatase Deficiency Disease
C18.452.648.189.520.....Maple Syrup Urine Disease
C18.452.648.189.535.....MELAS Syndrome
C18.452.648.189.540.....Menkes Kinky Hair Syndrome
C18.452.648.189.545.....MERRF Syndrome
C18.452.648.189.593.....Mevalonate Kinase Deficiency
C18.452.648.189.640.....Oculocerebrorenal Syndrome
C18.452.648.189.687.....Phenylketonurias
C18.452.648.189.687.500.....Phenylketonuria, Maternal
C18.452.648.189.725.....Pyruvate Carboxylase Deficiency Disease
C18.452.648.189.750.....Pyruvate Dehydrogenase Complex Deficiency Disease
C18.452.648.189.813.....Refsum Disease
C18.452.648.189.844.....Refsum Disease, Infantile
C18.452.648.189.875.....Tyrosinemias
C18.452.648.189.937.....Urea Cycle Disorders, Inborn

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.189.937.124.....Argininosuccinic Aciduria
C18.452.648.189.937.249.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C18.452.648.189.937.374.....Citrullinemia
C18.452.648.189.937.437.....Hyperargininemia
C18.452.648.189.937.500.....Ornithine Carbamoyltransferase Deficiency Disease
C18.452.648.189.968.....Zellweger Syndrome
C18.452.648.202.....Carbohydrate Metabolism, Inborn Errors
C18.452.648.202.125.....Congenital Disorders of Glycosylation
C18.452.648.202.251.....Fructose Metabolism, Inborn Errors
C18.452.648.202.251.221.....Fructose-1,6-Diphosphatase Deficiency
C18.452.648.202.251.271.....Fructose Intolerance
C18.452.648.202.303.....Fucosidosis
C18.452.648.202.355.....Galactosemias
C18.452.648.202.402.....Glucosephosphate Dehydrogenase Deficiency
C18.452.648.202.449.....Glycogen Storage Disease
C18.452.648.202.449.448.....Glycogen Storage Disease Type I
C18.452.648.202.449.500.....Glycogen Storage Disease Type II
C18.452.648.202.449.510.....Glycogen Storage Disease Type IIb
C18.452.648.202.449.520.....Glycogen Storage Disease Type III
C18.452.648.202.449.540.....Glycogen Storage Disease Type IV
C18.452.648.202.449.560.....Glycogen Storage Disease Type V
C18.452.648.202.449.580.....Glycogen Storage Disease Type VI
C18.452.648.202.449.600.....Glycogen Storage Disease Type VII
C18.452.648.202.449.620.....Glycogen Storage Disease Type VIII
C18.452.648.202.460.....Hyperoxaluria, Primary
C18.452.648.202.589.....Lactose Intolerance
C18.452.648.202.607.....Mannosidase Deficiency Diseases
C18.452.648.202.607.500.....alpha-Mannosidosis
C18.452.648.202.607.750.....beta-Mannosidosis
C18.452.648.202.670.....Mucopolidoses
C18.452.648.202.715.....Mucopolysaccharidoses
C18.452.648.202.715.640.....Mucopolysaccharidosis I
C18.452.648.202.715.645.....Mucopolysaccharidosis II
C18.452.648.202.715.650.....Mucopolysaccharidosis III
C18.452.648.202.715.655.....Mucopolysaccharidosis IV
C18.452.648.202.715.670.....Mucopolysaccharidosis VI
C18.452.648.202.715.675.....Mucopolysaccharidosis VII
C18.452.648.202.720.....Multiple Carboxylase Deficiency
C18.452.648.202.720.100.....Biotinidase Deficiency
C18.452.648.202.720.380.....Holocarboxylase Synthetase Deficiency
C18.452.648.202.810.....Pyruvate Metabolism, Inborn Errors

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.202.810.444.....Leigh Disease
C18.452.648.202.810.666.....Pyruvate Carboxylase Deficiency Disease
C18.452.648.202.810.766.....Pyruvate Dehydrogenase Complex Deficiency Disease
C18.452.648.300.....Hyperbilirubinemia, Hereditary
C18.452.648.300.281.....Crigler-Najjar Syndrome
C18.452.648.300.528.....Gilbert Disease
C18.452.648.300.764.....Jaundice, Chronic Idiopathic
C18.452.648.398.....Lipid Metabolism, Inborn Errors
C18.452.648.398.224.....Barth Syndrome
C18.452.648.398.450.....Hyperlipidemia, Familial Combined
C18.452.648.398.465.....Hyperlipoproteinemia Type I
C18.452.648.398.481.....Hyperlipoproteinemia Type II
C18.452.648.398.483.....Hyperlipoproteinemia Type III
C18.452.648.398.487.....Hyperlipoproteinemia Type IV
C18.452.648.398.493.....Hyperlipoproteinemia Type V
C18.452.648.398.500.....Hypolipoproteinemias
C18.452.648.398.500.330.....Hypoalphalipoproteinemias
C18.452.648.398.500.330.500.....Lecithin Cholesterol Acyltransferase Deficiency
C18.452.648.398.500.330.750.....Tangier Disease
C18.452.648.398.500.440.....Hypobetalipoproteinemias
C18.452.648.398.500.440.500.....Abetalipoproteinemia
C18.452.648.398.641.....Lipidoses
C18.452.648.398.641.201.....Cholesterol Ester Storage Disease
C18.452.648.398.641.201.500.....Wolman Disease
C18.452.648.398.641.509.....Neuronal Ceroid-Lipofuscinoses
C18.452.648.398.641.723.....Sjogren-Larsson Syndrome
C18.452.648.398.641.803.....Sphingolipidoses
C18.452.648.398.641.803.300.....Fabry Disease
C18.452.648.398.641.803.325.....Farber Lipogranulomatosis
C18.452.648.398.641.803.350.....Gangliosidoses
C18.452.648.398.641.803.350.300.....Gangliosidoses, GM2
C18.452.648.398.641.803.350.300.700.....Sandhoff Disease
C18.452.648.398.641.803.350.300.850.....Tay-Sachs Disease
C18.452.648.398.641.803.350.300.925.....Tay-Sachs Disease, AB Variant
C18.452.648.398.641.803.350.360.....Gangliosidosis, GM1
C18.452.648.398.641.803.441.....Gaucher Disease
C18.452.648.398.641.803.585.....Leukodystrophy, Globoid Cell
C18.452.648.398.641.803.730.....Niemann-Pick Diseases
C18.452.648.398.641.803.730.500.....Niemann-Pick Disease, Type A
C18.452.648.398.641.803.730.750.....Niemann-Pick Disease, Type B
C18.452.648.398.641.803.730.875.....Niemann-Pick Disease, Type C

## 2018 MeSH Tree Hierarchy

Tree location	
C18.452.648.398.641.803.850.....	Sea-Blue Histiocyte Syndrome
C18.452.648.398.641.803.925.....	Sulfatidosis
C18.452.648.398.641.803.925.500.....	Leukodystrophy, Metachromatic
C18.452.648.398.641.803.925.750.....	Multiple Sulfatase Deficiency Disease
C18.452.648.398.745.....	Lipodystrophy, Congenital Generalized
C18.452.648.398.850.....	Smith-Lemli-Opitz Syndrome
C18.452.648.398.925.....	Xanthomatosis, Cerebrotendinous
C18.452.648.595.....	Lysosomal Storage Diseases
C18.452.648.595.100.....	Aspartylglucosaminuria
C18.452.648.595.201.....	Cholesterol Ester Storage Disease
C18.452.648.595.201.500.....	Wolman Disease
C18.452.648.595.377.....	Cystinosis
C18.452.648.595.554.....	Lysosomal Storage Diseases, Nervous System
C18.452.648.595.554.295.....	Fucosidosis
C18.452.648.595.554.340.....	Glycogen Storage Disease Type II
C18.452.648.595.554.590.....	Mucopolidoses
C18.452.648.595.554.810.....	Sialic Acid Storage Disease
C18.452.648.595.554.825.....	Sphingolipidoses
C18.452.648.595.554.825.200.....	Fabry Disease
C18.452.648.595.554.825.250.....	Farber Lipogranulomatosis
C18.452.648.595.554.825.300.....	Gangliosidoses
C18.452.648.595.554.825.300.300.....	Gangliosidoses, GM2
C18.452.648.595.554.825.300.300.800.....	Sandhoff Disease
C18.452.648.595.554.825.300.300.840.....	Tay-Sachs Disease
C18.452.648.595.554.825.300.300.920.....	Tay-Sachs Disease, AB Variant
C18.452.648.595.554.825.300.400.....	Gangliosidosis, GM1
C18.452.648.595.554.825.400.....	Gaucher Disease
C18.452.648.595.554.825.590.....	Leukodystrophy, Globoid Cell
C18.452.648.595.554.825.700.....	Niemann-Pick Diseases
C18.452.648.595.554.825.700.500.....	Niemann-Pick Disease, Type A
C18.452.648.595.554.825.700.750.....	Niemann-Pick Disease, Type B
C18.452.648.595.554.825.700.875.....	Niemann-Pick Disease, Type C
C18.452.648.595.554.825.775.....	Sea-Blue Histiocyte Syndrome
C18.452.648.595.554.825.850.....	Sulfatidosis
C18.452.648.595.554.825.850.500.....	Leukodystrophy, Metachromatic
C18.452.648.595.554.825.850.750.....	Multiple Sulfatase Deficiency Disease
C18.452.648.595.577.....	Mannosidase Deficiency Diseases
C18.452.648.595.577.500.....	alpha-Mannosidosis
C18.452.648.595.577.750.....	beta-Mannosidosis
C18.452.648.595.600.....	Mucopolysaccharidoses
C18.452.648.595.600.640.....	Mucopolysaccharidosis I



## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.595.600.645.....Mucopolysaccharidosis II
C18.452.648.595.600.650.....Mucopolysaccharidosis III
C18.452.648.595.600.655.....Mucopolysaccharidosis IV
C18.452.648.595.600.670.....Mucopolysaccharidosis VI
C18.452.648.595.600.675.....Mucopolysaccharidosis VII
C18.452.648.595.800.....Pycnodysostosis
C18.452.648.618.....Metal Metabolism, Inborn Errors
C18.452.648.618.337.....Hemochromatosis
C18.452.648.618.403.....Hepatolenticular Degeneration
C18.452.648.618.482.....Hypophosphatasia
C18.452.648.618.544.....Hypophosphatemia, Familial
C18.452.648.618.544.500.....Familial Hypophosphatemic Rickets
C18.452.648.618.590.....Menkes Kinky Hair Syndrome
C18.452.648.618.711.....Paralyses, Familial Periodic
C18.452.648.618.711.550.....Hypokalemic Periodic Paralysis
C18.452.648.618.711.600.....Paralysis, Hyperkalemic Periodic
C18.452.648.618.815.....Pseudohypoparathyroidism
C18.452.648.618.815.815.....Pseudopseudohypoparathyroidism
C18.452.648.663.....Peroxisomal Disorders
C18.452.648.663.050.....Acatlasia
C18.452.648.663.100.....Adrenoleukodystrophy
C18.452.648.663.265.....Chondrodysplasia Punctata, Rhizomelic
C18.452.648.663.430.....Mevalonate Kinase Deficiency
C18.452.648.663.760.....Refsum Disease
C18.452.648.663.865.....Refsum Disease, Infantile
C18.452.648.663.970.....Zellweger Syndrome
C18.452.648.753.....Progeria
C18.452.648.798.....Purine-Pyrimidine Metabolism, Inborn Errors
C18.452.648.798.183.....Dihydropyrimidine Dehydrogenase Deficiency
C18.452.648.798.368.....Gout
C18.452.648.798.368.410.....Arthritis, Gouty
C18.452.648.798.594.....Lesch-Nyhan Syndrome
C18.452.648.861.....Renal Tubular Transport, Inborn Errors
C18.452.648.861.093.....Acidosis, Renal Tubular
C18.452.648.861.271.....Dent Disease
C18.452.648.861.450.....Fanconi Syndrome
C18.452.648.861.491.....Gitelman Syndrome
C18.452.648.861.532.....Glycosuria, Renal
C18.452.648.861.647.....Hypophosphatemia, Familial
C18.452.648.861.647.500.....Familial Hypophosphatemic Rickets
C18.452.648.861.698.....Liddle Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.648.861.750.....Oculocerebrorenal Syndrome
C18.452.648.861.770.....Pseudohypoaldosteronism
C18.452.648.861.885.....Renal Aminoacidurias
C18.452.648.861.885.250.....Cystinuria
C18.452.648.925.....Steroid Metabolism, Inborn Errors
C18.452.648.925.249.....Adrenal Hyperplasia, Congenital
C18.452.648.925.324.....Antley-Bixler Syndrome Phenotype
C18.452.648.925.400.....Ichthyosis, X-Linked
C18.452.648.925.500.....Mineralocorticoid Excess Syndrome, Apparent
C18.452.648.925.875.....Smith-Lemli-Opitz Syndrome
C18.452.660.....Mitochondrial Diseases
C18.452.660.097.....Carbamoyl-Phosphate Synthase I Deficiency Disease
C18.452.660.195.....Cytochrome-c Oxidase Deficiency
C18.452.660.300.....Friedreich Ataxia
C18.452.660.410.....Kearns-Sayre Syndrome
C18.452.660.520.....Leigh Disease
C18.452.660.560.....Mitochondrial Myopathies
C18.452.660.560.620.....Mitochondrial Encephalomyopathies
C18.452.660.560.620.520.....MELAS Syndrome
C18.452.660.560.620.530.....MERRF Syndrome
C18.452.660.560.700.....Ophthalmoplegia, Chronic Progressive External
C18.452.660.560.700.500.....Kearns-Sayre Syndrome
C18.452.660.612.....Multiple Acyl Coenzyme A Dehydrogenase Deficiency
C18.452.660.665.....Optic Atrophy, Autosomal Dominant
C18.452.660.670.....Optic Atrophy, Hereditary, Leber
C18.452.660.705.....Pyruvate Carboxylase Deficiency Disease
C18.452.660.710.....Pyruvate Dehydrogenase Complex Deficiency Disease
C18.452.750.....Phosphorus Metabolism Disorders
C18.452.750.199.....Hyperphosphatemia
C18.452.750.400.....Hypophosphatemia
C18.452.750.400.500.....Hypophosphatemia, Familial
C18.452.750.400.500.500.....Familial Hypophosphatemic Rickets
C18.452.750.400.750.....Rickets, Hypophosphatemic
C18.452.750.400.750.500.....Familial Hypophosphatemic Rickets
C18.452.811.....Porphyrias
C18.452.811.250.....Porphyria, Erythropoietic
C18.452.811.400.....Porphyrias, Hepatic
C18.452.811.400.074.....Coproporphyrinuria, Hereditary
C18.452.811.400.150.....Porphyria, Acute Intermittent
C18.452.811.400.250.....Porphyria Cutanea Tarda
C18.452.811.400.437.....Porphyria, Hepatoerythropoietic

## 2018 MeSH Tree Hierarchy

Tree location
C18.452.811.400.625.....Porphyria, Variegata
C18.452.811.400.812.....Protoporphyrin, Erythropoietic
C18.452.845.....Proteostasis Deficiencies
C18.452.845.500.....Amyloidosis
C18.452.845.500.050.....Amyloid Neuropathies
C18.452.845.500.050.050.....Amyloid Neuropathies, Familial
C18.452.845.500.075.....Amyloidosis, Familial
C18.452.845.500.075.050.....Amyloid Neuropathies, Familial
C18.452.845.500.075.160.....Cerebral Amyloid Angiopathy, Familial
C18.452.845.500.100.....Cerebral Amyloid Angiopathy
C18.452.845.500.100.160.....Cerebral Amyloid Angiopathy, Familial
C18.452.845.500.550.....Immunoglobulin Light-chain Amyloidosis
C18.452.845.800.....TDP-43 Proteinopathies
C18.452.845.800.050.....Amyotrophic Lateral Sclerosis
C18.452.845.800.300.....Frontotemporal Lobar Degeneration
C18.452.845.800.300.299.....Frontotemporal Dementia
C18.452.845.800.300.600.....Primary Progressive Nonfluent Aphasia
C18.452.880.....Skin Diseases, Metabolic
C18.452.880.391.....Lipodystrophy
C18.452.880.391.400.....HIV-Associated Lipodystrophy Syndrome
C18.452.880.391.550.....Lipodystrophy, Congenital Generalized
C18.452.880.391.700.....Lipodystrophy, Familial Partial
C18.452.880.495.....Necrobiosis Lipoidica
C18.452.915.....Wasting Syndrome
C18.452.915.520.....HIV Wasting Syndrome
C18.452.950.....Water-Electrolyte Imbalance
C18.452.950.179.....Dehydration
C18.452.950.340.....Hypercalcemia
C18.452.950.396.....Hyperkalemia
C18.452.950.452.....Hypernatremia
C18.452.950.509.....Hypocalcemia
C18.452.950.565.....Hypokalemia
C18.452.950.620.....Hyponatremia
C18.452.950.626.....Inappropriate ADH Syndrome
C18.452.950.932.....Water Intoxication
C18.654.....Nutrition Disorders
C18.654.180.....Child Nutrition Disorders
C18.654.301.....Hypervitaminosis A
C18.654.422.....Infant Nutrition Disorders
C18.654.422.360.....Vitamin K Deficiency Bleeding
C18.654.521.....Malnutrition

## 2018 MeSH Tree Hierarchy

Tree location
C18.654.521.500.....Deficiency Diseases
C18.654.521.500.133.....Avitaminosis
C18.654.521.500.133.115.....Ascorbic Acid Deficiency
C18.654.521.500.133.115.661.....Scurvy
C18.654.521.500.133.628.....Vitamin A Deficiency
C18.654.521.500.133.699.....Vitamin B Deficiency
C18.654.521.500.133.699.160.....Choline Deficiency
C18.654.521.500.133.699.308.....Folic Acid Deficiency
C18.654.521.500.133.699.418.....Hyperhomocysteinemia
C18.654.521.500.133.699.529.....Pellagra
C18.654.521.500.133.699.713.....Riboflavin Deficiency
C18.654.521.500.133.699.827.....Thiamine Deficiency
C18.654.521.500.133.699.827.223.....Beriberi
C18.654.521.500.133.699.827.822.....Wernicke Encephalopathy
C18.654.521.500.133.699.901.....Vitamin B 6 Deficiency
C18.654.521.500.133.699.923.....Vitamin B 12 Deficiency
C18.654.521.500.133.699.923.280.....Anemia, Pernicious
C18.654.521.500.133.699.923.640.....Subacute Combined Degeneration
C18.654.521.500.133.770.....Vitamin D Deficiency
C18.654.521.500.133.770.734.....Rickets
C18.654.521.500.133.770.734.640.....Osteomalacia
C18.654.521.500.133.770.734.750.....Chronic Kidney Disease-Mineral and Bone Disorder
C18.654.521.500.133.770.734.875.....Rickets, Hypophosphatemic
C18.654.521.500.133.770.734.875.500.....Familial Hypophosphatemic Rickets
C18.654.521.500.133.841.....Vitamin E Deficiency
C18.654.521.500.133.841.682.....Steatitis
C18.654.521.500.133.912.....Vitamin K Deficiency
C18.654.521.500.133.912.360.....Vitamin K Deficiency Bleeding
C18.654.521.500.439.....Magnesium Deficiency
C18.654.521.500.617.....Potassium Deficiency
C18.654.521.500.708.....Protein Deficiency
C18.654.521.500.708.626.....Protein-Energy Malnutrition
C18.654.521.500.857.....Swayback
C18.654.521.625.....Fetal Nutrition Disorders
C18.654.521.687.....Refeeding Syndrome
C18.654.521.719.....Severe Acute Malnutrition
C18.654.521.719.500.....Kwashiorkor
C18.654.521.750.....Starvation
C18.654.726.....Overnutrition
C18.654.726.500.....Obesity
C18.654.726.500.695.....Obesity Hypoventilation Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C18.654.726.500.697.....Obesity, Abdominal
C18.654.726.500.698.....Obesity, Metabolically Benign
C18.654.726.500.700.....Obesity, Morbid
C18.654.726.500.720.....Pediatric Obesity
C18.654.726.500.740.....Prader-Willi Syndrome
C18.654.940.....Wasting Syndrome
C18.654.940.520.....HIV Wasting Syndrome
C19.....Endocrine System Diseases
C19.053.....Adrenal Gland Diseases
C19.053.098.....Adrenal Cortex Diseases
C19.053.098.265.....Adrenal Cortex Neoplasms
C19.053.098.265.500.....Adrenocortical Adenoma
C19.053.098.265.750.....Adrenocortical Carcinoma
C19.053.347.....Adrenal Gland Neoplasms
C19.053.347.500.....Adrenal Cortex Neoplasms
C19.053.347.500.500.....Adrenocortical Adenoma
C19.053.347.500.750.....Adrenocortical Carcinoma
C19.053.440.....Adrenal Hyperplasia, Congenital
C19.053.500.....Adrenal Insufficiency
C19.053.500.263.....Addison Disease
C19.053.500.263.500.....Hypoadrenocorticism, Familial
C19.053.500.270.....Adrenoleukodystrophy
C19.053.500.480.....Hypoadosteronism
C19.053.500.740.....Waterhouse-Friderichsen Syndrome
C19.053.800.....Adrenocortical Hyperfunction
C19.053.800.367.....Cushing Syndrome
C19.053.800.604.....Hyperaldosteronism
C19.053.800.604.249.....Bartter Syndrome
C19.149.....Bone Diseases, Endocrine
C19.246.....Diabetes Mellitus
C19.246.099.....Diabetes Complications
C19.246.099.500.....Diabetic Angiopathies
C19.246.099.500.191.....Diabetic Foot
C19.246.099.500.382.....Diabetic Retinopathy
C19.246.099.625.....Diabetic Cardiomyopathies
C19.246.099.750.....Diabetic Coma
C19.246.099.750.490.....Hyperglycemic Hyperosmolar Nonketotic Coma
C19.246.099.812.....Diabetic Ketoacidosis
C19.246.099.875.....Diabetic Nephropathies
C19.246.099.937.....Diabetic Neuropathies
C19.246.099.937.250.....Diabetic Foot

## 2018 MeSH Tree Hierarchy

Tree location
C19.246.099.968.....Fetal Macrosomia
C19.246.200.....Diabetes, Gestational
C19.246.240.....Diabetes Mellitus, Experimental
C19.246.267.....Diabetes Mellitus, Type 1
C19.246.267.960.....Wolfram Syndrome
C19.246.300.....Diabetes Mellitus, Type 2
C19.246.300.500.....Diabetes Mellitus, Lipoatrophic
C19.246.537.....Donohue Syndrome
C19.246.656.....Latent Autoimmune Diabetes in Adults
C19.246.774.....Prediabetic State
C19.297.....Dwarfism
C19.297.155.....Congenital Hypothyroidism
C19.297.312.....Dwarfism, Pituitary
C19.297.656.....Laron Syndrome
C19.344.....Endocrine Gland Neoplasms
C19.344.078.....Adrenal Gland Neoplasms
C19.344.078.265.....Adrenal Cortex Neoplasms
C19.344.078.265.500.....Adrenocortical Adenoma
C19.344.078.265.750.....Adrenocortical Carcinoma
C19.344.400.....Multiple Endocrine Neoplasia
C19.344.400.500.....Multiple Endocrine Neoplasia Type 1
C19.344.400.505.....Multiple Endocrine Neoplasia Type 2a
C19.344.400.510.....Multiple Endocrine Neoplasia Type 2b
C19.344.410.....Ovarian Neoplasms
C19.344.410.398.....Granulosa Cell Tumor
C19.344.410.431.....Hereditary Breast and Ovarian Cancer Syndrome
C19.344.410.464.....Luteoma
C19.344.410.531.....Meigs Syndrome
C19.344.410.648.....Sertoli-Leydig Cell Tumor
C19.344.410.765.....Thecoma
C19.344.421.....Pancreatic Neoplasms
C19.344.421.249.....Adenoma, Islet Cell
C19.344.421.249.500.....Insulinoma
C19.344.421.500.....Carcinoma, Islet Cell
C19.344.421.500.124.....Gastrinoma
C19.344.421.500.249.....Glucagonoma
C19.344.421.500.500.....Somatostatinoma
C19.344.421.500.750.....Vipoma
C19.344.421.750.....Carcinoma, Pancreatic Ductal
C19.344.473.....Paraneoplastic Endocrine Syndromes
C19.344.525.....Parathyroid Neoplasms

## 2018 MeSH Tree Hierarchy

Tree location
C19.344.609.....Pituitary Neoplasms
C19.344.609.145.....ACTH-Secreting Pituitary Adenoma
C19.344.609.145.500.....Nelson Syndrome
C19.344.609.292.....Growth Hormone-Secreting Pituitary Adenoma
C19.344.609.792.....Prolactinoma
C19.344.762.....Testicular Neoplasms
C19.344.762.500.....Sertoli-Leydig Cell Tumor
C19.344.762.500.249.....Leydig Cell Tumor
C19.344.762.500.500.....Sertoli Cell Tumor
C19.344.894.....Thyroid Neoplasms
C19.344.894.800.....Thyroid Nodule
C19.368.....Female Athlete Triad Syndrome
C19.391.....Gonadal Disorders
C19.391.119.....Disorders of Sex Development
C19.391.119.064.....46, XX Disorders of Sex Development
C19.391.119.064.124.....46, XX Testicular Disorders of Sex Development
C19.391.119.064.249.....Gonadal Dysgenesis, 46,XX
C19.391.119.064.500.....Hyperandrogenism
C19.391.119.096.....46, XY Disorders of Sex Development
C19.391.119.096.500.....Androgen-Insensitivity Syndrome
C19.391.119.096.562.....Denys-Drash Syndrome
C19.391.119.096.624.....Frasier Syndrome
C19.391.119.096.687.....Gonadal Dysgenesis, 46,XY
C19.391.119.096.687.500.....Gonadoblastoma
C19.391.119.096.750.....Kallmann Syndrome
C19.391.119.096.875.....WAGR Syndrome
C19.391.119.129.....Adrenogenital Syndrome
C19.391.119.129.500.....Adrenal Hyperplasia, Congenital
C19.391.119.129.750.....Hyperandrogenism
C19.391.119.309.....Gonadal Dysgenesis
C19.391.119.309.193.....Gonadal Dysgenesis, 46,XX
C19.391.119.309.388.....Gonadal Dysgenesis, 46,XY
C19.391.119.309.388.500.....Gonadoblastoma
C19.391.119.309.391.....Gonadal Dysgenesis, Mixed
C19.391.119.309.631.....Sexual Infantilism
C19.391.119.309.872.....Turner Syndrome
C19.391.119.343.....Ovotesticular Disorders of Sex Development
C19.391.119.795.....Sex Chromosome Disorders of Sex Development
C19.391.119.795.124.....Freemartinism
C19.391.119.795.249.....Gonadal Dysgenesis, Mixed
C19.391.119.795.500.....Klinefelter Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C19.391.119.795.750.....Turner Syndrome
C19.391.482.....Hypogonadism
C19.391.482.293.....Eunuchism
C19.391.482.600.....Kallmann Syndrome
C19.391.482.629.....Klinefelter Syndrome
C19.391.482.814.....Sexual Infantilism
C19.391.630.....Ovarian Diseases
C19.391.630.050.....Anovulation
C19.391.630.450.....Oophoritis
C19.391.630.580.....Ovarian Cysts
C19.391.630.580.765.....Polycystic Ovary Syndrome
C19.391.630.642.....Ovarian Hyperstimulation Syndrome
C19.391.630.705.....Ovarian Neoplasms
C19.391.630.705.265.....Brenner Tumor
C19.391.630.705.331.....Carcinoma, Endometrioid
C19.391.630.705.398.....Granulosa Cell Tumor
C19.391.630.705.431.....Hereditary Breast and Ovarian Cancer Syndrome
C19.391.630.705.464.....Luteoma
C19.391.630.705.531.....Meigs Syndrome
C19.391.630.705.648.....Sertoli-Leydig Cell Tumor
C19.391.630.705.765.....Thecoma
C19.391.630.750.....Primary Ovarian Insufficiency
C19.391.690.....Puberty, Delayed
C19.391.693.....Puberty, Precocious
C19.391.829.....Testicular Diseases
C19.391.829.258.....Cryptorchidism
C19.391.829.493.....Orchitis
C19.391.829.782.....Testicular Neoplasms
C19.391.829.782.500.....Sertoli-Leydig Cell Tumor
C19.391.829.782.500.249.....Leydig Cell Tumor
C19.391.829.782.500.500.....Sertoli Cell Tumor
C19.642.....Parathyroid Diseases
C19.642.355.....Hyperparathyroidism
C19.642.355.239.....Hyperparathyroidism, Primary
C19.642.355.480.....Hyperparathyroidism, Secondary
C19.642.355.480.500.....Chronic Kidney Disease-Mineral and Bone Disorder
C19.642.482.....Hypoparathyroidism
C19.642.482.500.....22q11 Deletion Syndrome
C19.642.482.500.500.....DiGeorge Syndrome
C19.642.713.....Parathyroid Neoplasms
C19.700.....Pituitary Diseases



## 2018 MeSH Tree Hierarchy

Tree location
C19.700.159.....Diabetes Insipidus
C19.700.159.750.....Diabetes Insipidus, Neurogenic
C19.700.159.875.....Wolfram Syndrome
C19.700.320.....Empty Sella Syndrome
C19.700.355.....Hyperpituitarism
C19.700.355.179.....Acromegaly
C19.700.355.528.....Gigantism
C19.700.355.600.....Hyperprolactinemia
C19.700.355.800.....Pituitary ACTH Hypersecretion
C19.700.419.....Hypophysitis
C19.700.419.500.....Autoimmune Hypophysitis
C19.700.482.....Hypopituitarism
C19.700.482.311.....Dwarfism, Pituitary
C19.700.490.....Inappropriate ADH Syndrome
C19.700.725.....Pituitary Apoplexy
C19.700.734.....Pituitary Neoplasms
C19.700.734.145.....ACTH-Secreting Pituitary Adenoma
C19.700.734.145.500.....Nelson Syndrome
C19.700.734.292.....Growth Hormone-Secreting Pituitary Adenoma
C19.700.734.792.....Prolactinoma
C19.787.....Polyendocrinopathies, Autoimmune
C19.874.....Thyroid Diseases
C19.874.255.....Euthyroid Sick Syndromes
C19.874.283.....Goiter
C19.874.283.300.....Goiter, Endemic
C19.874.283.501.....Goiter, Nodular
C19.874.283.601.....Goiter, Substernal
C19.874.283.605.....Graves Disease
C19.874.283.605.500.....Graves Ophthalmopathy
C19.874.283.802.....Lingual Goiter
C19.874.397.....Hyperthyroidism
C19.874.397.370.....Graves Disease
C19.874.397.370.500.....Graves Ophthalmopathy
C19.874.397.685.....Thyrotoxicosis
C19.874.397.685.905.....Thyroid Crisis
C19.874.410.....Hyperthyroxinemia
C19.874.410.249.....Hyperthyroxinemia, Familial Dysalbuminemic
C19.874.410.500.....Thyroid Hormone Resistance Syndrome
C19.874.482.....Hypothyroidism
C19.874.482.281.....Congenital Hypothyroidism
C19.874.482.638.....Myxedema

## 2018 MeSH Tree Hierarchy

Tree location
C19.874.689.....Thyroid Dysgenesis
C19.874.689.500.....Lingual Thyroid
C19.874.689.500.500.....Lingual Goiter
C19.874.788.....Thyroid Neoplasms
C19.874.788.800.....Thyroid Nodule
C19.874.871.....Thyroiditis
C19.874.871.102.....Thyroiditis, Autoimmune
C19.874.871.102.500.....Hashimoto Disease
C19.874.871.102.750.....Postpartum Thyroiditis
C19.874.871.900.....Thyroiditis, Subacute
C19.874.871.910.....Thyroiditis, Suppurative
C19.927.....Tuberculosis, Endocrine
C20.....Immune System Diseases
C20.111.....Autoimmune Diseases
C20.111.163.....Addison Disease
C20.111.175.....Anemia, Hemolytic, Autoimmune
C20.111.190.....Anti-Glomerular Basement Membrane Disease
C20.111.193.....Anti-Neutrophil Cytoplasmic Antibody-Associated Vasculitis
C20.111.193.500.....Churg-Strauss Syndrome
C20.111.193.750.....Microscopic Polyangiitis
C20.111.193.875.....Granulomatosis with Polyangiitis
C20.111.197.....Antiphospholipid Syndrome
C20.111.198.....Arthritis, Juvenile
C20.111.199.....Arthritis, Rheumatoid
C20.111.199.389.....Felty Syndrome
C20.111.199.581.....Rheumatoid Vasculitis
C20.111.199.774.....Sjogren's Syndrome
C20.111.199.870.....Still's Disease, Adult-Onset
C20.111.258.....Autoimmune Diseases of the Nervous System
C20.111.258.124.....Anti-N-Methyl-D-Aspartate Receptor Encephalitis
C20.111.258.250.....Demyelinating Autoimmune Diseases, CNS
C20.111.258.250.175.....Diffuse Cerebral Sclerosis of Schilder
C20.111.258.250.350.....Encephalomyelitis, Acute Disseminated
C20.111.258.250.350.500.....Leukoencephalitis, Acute Hemorrhagic
C20.111.258.250.425.....Leukoencephalitis, Acute Hemorrhagic
C20.111.258.250.500.....Multiple Sclerosis
C20.111.258.250.500.200.....Multiple Sclerosis, Chronic Progressive
C20.111.258.250.500.600.....Multiple Sclerosis, Relapsing-Remitting
C20.111.258.250.550.....Myelitis, Transverse
C20.111.258.250.550.500.....Neuromyelitis Optica
C20.111.258.250.775.....Neuromyelitis Optica

## 2018 MeSH Tree Hierarchy

Tree location
C20.111.258.350.....Lambert-Eaton Myasthenic Syndrome
C20.111.258.500.....Myasthenia Gravis
C20.111.258.500.300.....Myasthenia Gravis, Autoimmune, Experimental
C20.111.258.500.650.....Myasthenia Gravis, Neonatal
C20.111.258.625.....Nervous System Autoimmune Disease, Experimental
C20.111.258.625.300.....Encephalomyelitis, Autoimmune, Experimental
C20.111.258.625.350.....Myasthenia Gravis, Autoimmune, Experimental
C20.111.258.625.700.....Neuritis, Autoimmune, Experimental
C20.111.258.750.....Polyradiculoneuropathy
C20.111.258.750.400.....Guillain-Barre Syndrome
C20.111.258.750.400.500.....Miller Fisher Syndrome
C20.111.258.750.800.....Polyradiculoneuropathy, Chronic Inflammatory Demyelinating
C20.111.258.850.....Stiff-Person Syndrome
C20.111.258.925.....Uveomeningoencephalitic Syndrome
C20.111.258.962.....Vasculitis, Central Nervous System
C20.111.258.962.800.....Giant Cell Arteritis
C20.111.258.962.900.....Lupus Vasculitis, Central Nervous System
C20.111.273.....Autoimmune Hypophysitis
C20.111.288.....Autoimmune Lymphoproliferative Syndrome
C20.111.318.....Dermatitis Herpetiformis
C20.111.327.....Diabetes Mellitus, Type 1
C20.111.525.....Glomerulonephritis, IGA
C20.111.535.....Glomerulonephritis, Membranous
C20.111.555.....Graves Disease
C20.111.555.500.....Graves Ophthalmopathy
C20.111.567.....Hepatitis, Autoimmune
C20.111.576.....Latent Autoimmune Diabetes in Adults
C20.111.585.....Linear IgA Bullous Dermatitis
C20.111.590.....Lupus Erythematosus, Systemic
C20.111.590.560.....Lupus Nephritis
C20.111.590.750.....Lupus Vasculitis, Central Nervous System
C20.111.709.....Ophthalmia, Sympathetic
C20.111.730.....Pemphigoid, Bullous
C20.111.736.....Pemphigus
C20.111.750.....Polyendocrinopathies, Autoimmune
C20.111.759.....Purpura, Thrombocytopenic, Idiopathic
C20.111.809.....Thyroiditis, Autoimmune
C20.111.904.....Undifferentiated Connective Tissue Diseases
C20.306.....Erythroblastosis, Fetal
C20.306.480.....Hydrops Fetalis
C20.306.502.....Kernicterus

## 2018 MeSH Tree Hierarchy

Tree location
C20.425.....Glomerulonephritis, Membranoproliferative
C20.452.....Graft vs Host Disease
C20.543.....Hypersensitivity
C20.543.206.....Drug Hypersensitivity
C20.543.206.189.....Asthma, Aspirin-Induced
C20.543.206.380.....Drug Eruptions
C20.543.206.380.174.....Acute Generalized Exanthematous Pustulosis
C20.543.206.380.262.....Drug Hypersensitivity Syndrome
C20.543.206.380.375.....Erythema Nodosum
C20.543.206.380.587.....Nicolau Syndrome
C20.543.206.380.800.....Serum Sickness
C20.543.206.380.900.....Stevens-Johnson Syndrome
C20.543.312.....Environmental Illness
C20.543.312.500.....Multiple Chemical Sensitivity
C20.543.312.750.....Sick Building Syndrome
C20.543.418.....Hypersensitivity, Delayed
C20.543.418.150.....Dermatitis, Allergic Contact
C20.543.418.150.600.....Dermatitis, Photoallergic
C20.543.418.150.700.....Dermatitis, Toxicodendron
C20.543.480.....Hypersensitivity, Immediate
C20.543.480.099.....Anaphylaxis
C20.543.480.149.....Asthma, Aspirin-Induced
C20.543.480.200.....Conjunctivitis, Allergic
C20.543.480.343.....Dermatitis, Atopic
C20.543.480.356.....Eosinophilic Esophagitis
C20.543.480.370.....Food Hypersensitivity
C20.543.480.370.150.....Egg Hypersensitivity
C20.543.480.370.500.....Milk Hypersensitivity
C20.543.480.370.572.....Nut and Peanut Hypersensitivity
C20.543.480.370.572.500.....Nut Hypersensitivity
C20.543.480.370.572.750.....Peanut Hypersensitivity
C20.543.480.370.763.....Shellfish Hypersensitivity
C20.543.480.370.850.....Wheat Hypersensitivity
C20.543.480.680.....Respiratory Hypersensitivity
C20.543.480.680.075.....Alveolitis, Extrinsic Allergic
C20.543.480.680.075.125.....Bird Fancier's Lung
C20.543.480.680.075.365.....Farmer's Lung
C20.543.480.680.075.682.....Trichosporonosis
C20.543.480.680.085.....Aspergillosis, Allergic Bronchopulmonary
C20.543.480.680.095.....Asthma
C20.543.480.680.095.110.....Asthma, Exercise-Induced

## 2018 MeSH Tree Hierarchy

Tree location
C20.543.480.680.095.495.....Asthma, Occupational
C20.543.480.680.095.880.....Status Asthmaticus
C20.543.480.680.443.....Rhinitis, Allergic
C20.543.480.680.443.500.....Rhinitis, Allergic, Perennial
C20.543.480.680.443.750.....Rhinitis, Allergic, Seasonal
C20.543.480.904.....Urticaria
C20.543.480.904.066.....Angioedema
C20.543.480.904.066.500.....Angioedemas, Hereditary
C20.543.480.904.066.500.500.....Hereditary Angioedema Type III
C20.543.480.904.066.500.750.....Hereditary Angioedema Types I and II
C20.543.520.....Immune Complex Diseases
C20.543.520.100.....Arthus Reaction
C20.543.520.350.....Mastocytosis
C20.543.520.350.750.....Mastocytosis, Systemic
C20.543.520.600.....Purpura, Schoenlein-Henoch
C20.543.520.770.....Serum Sickness
C20.543.520.910.....Vasculitis, Leukocytoclastic, Cutaneous
C20.543.560.....Kounis Syndrome
C20.543.600.....Latex Hypersensitivity
C20.543.928.....Wissler's Syndrome
C20.608.....Immune Reconstitution Inflammatory Syndrome
C20.673.....Immunologic Deficiency Syndromes
C20.673.088.....Agammaglobulinemia
C20.673.290.....Ataxia Telangiectasia
C20.673.330.....Common Variable Immunodeficiency
C20.673.430.....Dysgammaglobulinemia
C20.673.430.249.....Hyper-IgM Immunodeficiency Syndrome
C20.673.430.249.500.....Hyper-IgM Immunodeficiency Syndrome, Type 1
C20.673.430.500.....IgA Deficiency
C20.673.430.750.....IgG Deficiency
C20.673.480.....HIV Infections
C20.673.480.040.....Acquired Immunodeficiency Syndrome
C20.673.480.044.....Acute Retroviral Syndrome
C20.673.480.048.....AIDS Arteritis, Central Nervous System
C20.673.480.050.....AIDS-Associated Nephropathy
C20.673.480.070.....AIDS Dementia Complex
C20.673.480.080.....AIDS-Related Complex
C20.673.480.100.....AIDS-Related Opportunistic Infections
C20.673.480.400.....HIV-Associated Lipodystrophy Syndrome
C20.673.480.480.....HIV Enteropathy
C20.673.480.500.....HIV Seropositivity

## 2018 MeSH Tree Hierarchy

Tree location
C20.673.480.520.....HIV Wasting Syndrome
C20.673.483.....Deltaretrovirus Infections
C20.673.483.260.....Enzootic Bovine Leukosis
C20.673.483.470.....HTLV-I Infections
C20.673.483.480.....HTLV-II Infections
C20.673.600.....Leukocyte-Adhesion Deficiency Syndrome
C20.673.627.....Lymphopenia
C20.673.627.800.....T-Lymphocytopenia, Idiopathic CD4-Positive
C20.673.627.900.....Wiskott-Aldrich Syndrome
C20.673.774.....Phagocyte Bactericidal Dysfunction
C20.673.774.257.....Chediak-Higashi Syndrome
C20.673.774.257.270.....Aleutian Mink Disease
C20.673.774.535.....Granulomatous Disease, Chronic
C20.673.774.600.....Job Syndrome
C20.673.815.....Severe Combined Immunodeficiency
C20.673.815.500.....X-Linked Combined Immunodeficiency Diseases
C20.683.....Immunoproliferative Disorders
C20.683.460.....Hypergammaglobulinemia
C20.683.460.319.....Mevalonate Kinase Deficiency
C20.683.460.640.....Monoclonal Gammopathy of Undetermined Significance
C20.683.460.820.....Smoldering Multiple Myeloma
C20.683.515.....Lymphoproliferative Disorders
C20.683.515.124.....Autoimmune Lymphoproliferative Syndrome
C20.683.515.250.....Castleman Disease
C20.683.515.501.....Immunoblastic Lymphadenopathy
C20.683.515.507.....Immunoglobulin Light-chain Amyloidosis
C20.683.515.512.....Immunoproliferative Small Intestinal Disease
C20.683.515.515.....Infectious Mononucleosis
C20.683.515.517.....Leukemia, Hairy Cell
C20.683.515.528.....Leukemia, Lymphoid
C20.683.515.528.080.....Leukemia, B-Cell
C20.683.515.528.080.125.....Leukemia, Lymphocytic, Chronic, B-Cell
C20.683.515.528.080.562.....Leukemia, Prolymphocytic, B-Cell
C20.683.515.528.100.....Leukemia, Biphenotypic, Acute
C20.683.515.528.565.....Leukemia, Prolymphocytic
C20.683.515.528.565.745.....Leukemia, Prolymphocytic, B-Cell
C20.683.515.528.565.750.....Leukemia, Prolymphocytic, T-Cell
C20.683.515.528.582.....Leukemia, T-Cell
C20.683.515.528.582.049.....Leukemia, Large Granular Lymphocytic
C20.683.515.528.582.100.....Leukemia-Lymphoma, Adult T-Cell
C20.683.515.528.582.125.....Leukemia, Prolymphocytic, T-Cell

## 2018 MeSH Tree Hierarchy

Tree location	
C20.683.515.528.600.....	Precursor Cell Lymphoblastic Leukemia-Lymphoma
C20.683.515.528.600.600.....	Precursor B-Cell Lymphoblastic Leukemia-Lymphoma
C20.683.515.528.600.620.....	Precursor T-Cell Lymphoblastic Leukemia-Lymphoma
C20.683.515.710.....	Lymphangiomyoma
C20.683.515.710.465.....	Lymphangioliomyomatosis
C20.683.515.761.....	Lymphoma
C20.683.515.761.150.....	Composite Lymphoma
C20.683.515.761.355.....	Hodgkin Disease
C20.683.515.761.417.....	Intraocular Lymphoma
C20.683.515.761.480.....	Lymphoma, Non-Hodgkin
C20.683.515.761.480.150.....	Lymphoma, B-Cell
C20.683.515.761.480.150.165.....	Burkitt Lymphoma
C20.683.515.761.480.150.450.....	Lymphoma, AIDS-Related
C20.683.515.761.480.150.570.....	Lymphoma, B-Cell, Marginal Zone
C20.683.515.761.480.150.585.....	Lymphoma, Large B-Cell, Diffuse
C20.683.515.761.480.150.585.500.....	Plasmablastic Lymphoma
C20.683.515.761.480.150.592.....	Lymphoma, Primary Effusion
C20.683.515.761.480.150.600.....	Lymphomatoid Granulomatosis
C20.683.515.761.480.350.....	Lymphoma, Follicular
C20.683.515.761.480.487.....	Lymphoma, Large-Cell, Immunoblastic
C20.683.515.761.480.525.....	Lymphoma, Mantle-Cell
C20.683.515.761.480.750.....	Lymphoma, T-Cell
C20.683.515.761.480.750.199.....	Enteropathy-Associated T-Cell Lymphoma
C20.683.515.761.480.750.399.....	Lymphoma, Large-Cell, Anaplastic
C20.683.515.761.480.750.800.....	Lymphoma, T-Cell, Cutaneous
C20.683.515.761.480.750.800.507.....	Lymphoma, Primary Cutaneous Anaplastic Large Cell
C20.683.515.761.480.750.800.528.....	Lymphomatoid Papulosis
C20.683.515.761.480.750.800.550.....	Mycosis Fungoides
C20.683.515.761.480.750.800.550.600.....	Pagetoid Reticulosis
C20.683.515.761.480.750.800.775.....	Sezary Syndrome
C20.683.515.761.480.750.825.....	Lymphoma, T-Cell, Peripheral
C20.683.515.800.....	Macrophage Activation Syndrome
C20.683.515.840.....	Marek Disease
C20.683.515.845.....	Multiple Myeloma
C20.683.515.845.500.....	Leukemia, Plasma Cell
C20.683.515.880.....	Plasmacytoma
C20.683.515.920.....	Sezary Syndrome
C20.683.515.950.....	Tumor Lysis Syndrome
C20.683.780.....	Paraproteinemias
C20.683.780.250.....	Cryoglobulinemia
C20.683.780.490.....	Heavy Chain Disease

## 2018 MeSH Tree Hierarchy

Tree location
C20.683.780.490.512.....Immunoproliferative Small Intestinal Disease
C20.683.780.565.....Immunoglobulin Light-chain Amyloidosis
C20.683.780.640.....Monoclonal Gammopathy of Undetermined Significance
C20.683.780.640.700.....Schnitzler Syndrome
C20.683.780.650.....Multiple Myeloma
C20.683.780.750.....POEMS Syndrome
C20.683.780.838.....Smoldering Multiple Myeloma
C20.683.780.925.....Waldenstrom Macroglobulinemia
C20.841.....Purpura, Thrombocytopenic
C20.841.600.....Purpura, Thrombocytopenic, Idiopathic
C20.920.....Transfusion Reaction
C20.920.500.....Transfusion-Related Acute Lung Injury
C21.....Disorders of Environmental Origin
C21.223.....Environmental Illness
C21.223.500.....Multiple Chemical Sensitivity
C21.223.750.....Sick Building Syndrome
C21.676.....Preconception Injuries
C22.....Animal Diseases
C22.021.....Abortion, Veterinary
C22.021.322.....Brucellosis, Bovine
C22.039.....Actinobacillosis
C22.062.....Aleutian Mink Disease
C22.073.....Anal Gland Neoplasms
C22.085.....Anaplasmosis
C22.131.....Bird Diseases
C22.131.094.....Avian Leukosis
C22.131.321.....Fowlpox
C22.131.450.....Influenza in Birds
C22.131.498.....Malaria, Avian
C22.131.546.....Marek Disease
C22.131.630.....Newcastle Disease
C22.131.728.....Poultry Diseases
C22.131.728.250.....Enteritis, Transmissible, of Turkeys
C22.131.728.650.....Poult Enteritis Mortality Syndrome
C22.131.780.....Reticuloendotheliosis, Avian
C22.131.800.....Sarcoma, Avian
C22.131.921.....Tuberculosis, Avian
C22.152.....Borna Disease
C22.180.....Cat Diseases
C22.180.350.....Feline Acquired Immunodeficiency Syndrome
C22.180.440.....Feline Infectious Peritonitis



## 2018 MeSH Tree Hierarchy

Tree location	
C22.180.460.....	Feline Panleukopenia
C22.180.500.....	Leukemia, Feline
C22.196.....	Cattle Diseases
C22.196.090.....	Bovine Respiratory Disease Complex
C22.196.090.600.....	Pasteurellosis, Pneumonic
C22.196.090.660.....	Pneumonia, Atypical Interstitial, of Cattle
C22.196.090.675.....	Pneumonia of Calves, Enzootic
C22.196.106.....	Bovine Virus Diarrhea-Mucosal Disease
C22.196.148.....	Brucellosis, Bovine
C22.196.250.....	Encephalopathy, Bovine Spongiform
C22.196.260.....	Enzootic Bovine Leukosis
C22.196.274.....	Ephemeral Fever
C22.196.339.....	Freemartinism
C22.196.400.....	Hemorrhagic Syndrome, Bovine
C22.196.429.....	Infectious Bovine Rhinotracheitis
C22.196.497.....	Lumpy Skin Disease
C22.196.540.....	Malignant Catarrh
C22.196.581.....	Mastitis, Bovine
C22.196.831.....	Theileriasis
C22.196.888.....	Trypanosomiasis, Bovine
C22.196.927.....	Tuberculosis, Bovine
C22.196.963.....	White Heifer Disease
C22.214.....	Digital Dermatitis
C22.232.....	Disease Models, Animal
C22.268.....	Dog Diseases
C22.268.265.....	Distemper
C22.268.465.....	Hepatitis, Infectious Canine
C22.268.485.....	Hip Dysplasia, Canine
C22.313.....	Enterotoxemia
C22.331.....	Erysipelothrix Infections
C22.331.693.....	Swine Erysipelas
C22.362.....	Fish Diseases
C22.362.224.....	Furunculosis
C22.362.450.....	Hemorrhagic Septicemia, Viral
C22.380.....	Foot-and-Mouth Disease
C22.394.....	Foot Rot
C22.405.....	Goat Diseases
C22.434.....	Heartwater Disease
C22.467.....	Hepatitis, Animal
C22.467.435.....	Hepatitis, Viral, Animal
C22.467.435.442.....	Hepatitis, Infectious Canine

## 2018 MeSH Tree Hierarchy

Tree location
C22.467.435.812.....Rift Valley Fever
C22.488.....Horse Diseases
C22.488.088.....African Horse Sickness
C22.488.304.....Equine Infectious Anemia
C22.488.409.....Glanders
C22.488.861.....Strongyle Infections, Equine
C22.500.....Keratoconjunctivitis, Infectious
C22.510.....Lameness, Animal
C22.520.....Mammary Neoplasms, Animal
C22.557.....Mink Viral Enteritis
C22.595.....Muscular Dystrophy, Animal
C22.595.740.....White Muscle Disease
C22.627.....Myxomatosis, Infectious
C22.674.....Parasitic Diseases, Animal
C22.674.377.....Helminthiasis, Animal
C22.674.377.315.....Dictyocaulus Infections
C22.674.377.320.....Dirofilariasis
C22.674.377.444.....Fascioloidiasis
C22.674.377.656.....Moniezia
C22.674.377.820.....Setariasis
C22.674.377.840.....Strongyle Infections, Equine
C22.674.377.868.....Toxocariasis
C22.674.710.....Protozoan Infections, Animal
C22.674.710.122.....Babesiosis
C22.674.710.235.....Cryptosporidiosis
C22.674.710.367.....Dourine
C22.674.710.735.....Theileriasis
C22.674.710.817.....Toxoplasmosis, Animal
C22.674.710.896.....Trypanosomiasis, Bovine
C22.688.....Paratuberculosis
C22.695.....Parturient Paresis
C22.706.....Peste-des-Petits-Ruminants
C22.717.....Pleuropneumonia, Contagious
C22.735.....Primate Diseases
C22.735.050.....Ape Diseases
C22.735.500.....Monkey Diseases
C22.735.500.500.....Marburg Virus Disease
C22.735.500.850.....Simian Acquired Immunodeficiency Syndrome
C22.735.750.....Monkeypox
C22.742.....Pseudorabies
C22.761.....Pythiosis

## 2018 MeSH Tree Hierarchy

Tree location
C22.780.....Rinderpest
C22.795.....Rodent Diseases
C22.795.239.....Ectromelia, Infectious
C22.795.600.....Monkeypox
C22.795.650.....Murine Acquired Immunodeficiency Syndrome
C22.812.....Salmonella Infections, Animal
C22.836.....Sheep Diseases
C22.836.120.....Bluetongue
C22.836.160.....Border Disease
C22.836.259.....Ecthyma, Contagious
C22.836.435.....Louping Ill
C22.836.583.....Nairobi Sheep Disease
C22.836.660.....Pneumonia, Progressive Interstitial, of Sheep
C22.836.715.....Pulmonary Adenomatosis, Ovine
C22.836.799.....Scrapie
C22.836.886.....Swayback
C22.836.900.....Visna
C22.880.....Steatitis
C22.905.....Swine Diseases
C22.905.072.....African Swine Fever
C22.905.170.....Classical Swine Fever
C22.905.260.....Edema Disease of Swine
C22.905.323.....Encephalomyelitis, Enzootic Porcine
C22.905.382.....Epidermitis, Exudative, of Swine
C22.905.469.....Gastroenteritis, Transmissible, of Swine
C22.905.626.....Pneumonia of Swine, Mycoplasmal
C22.905.690.....Porcine Postweaning Multisystemic Wasting Syndrome
C22.905.700.....Porcine Reproductive and Respiratory Syndrome
C22.905.832.....Swine Erysipelas
C22.905.850.....Swine Vesicular Disease
C22.905.927.....Vesicular Exanthema of Swine
C22.950.....Venereal Tumors, Veterinary
C22.952.....Vesicular Stomatitis
C22.955.....Wasting Disease, Chronic
C22.969.....Zoonoses
C23.....Pathological Conditions, Signs and Symptoms
C23.149.....Morphological and Microscopic Findings
C23.149.249.....Adenocarcinoma in Situ
C23.149.500.....Atypical Squamous Cells of the Cervix
C23.149.625.....Margins of Excision
C23.149.750.....Squamous Intraepithelial Lesions of the Cervix

## 2018 MeSH Tree Hierarchy

Tree location
C23.300.....Pathological Conditions, Anatomical
C23.300.008.....Agenesis of Corpus Callosum
C23.300.017.....Airway Remodeling
C23.300.035.....Alopecia
C23.300.035.500.....Loose Anagen Hair Syndrome
C23.300.052.....Atrial Remodeling
C23.300.070.....Atrophy
C23.300.070.500.....Muscular Atrophy
C23.300.070.500.500.....Sarcopenia
C23.300.122.....Blister
C23.300.175.....Calculi
C23.300.175.350.....Dental Calculus
C23.300.175.525.....Gallstones
C23.300.175.700.....Salivary Calculi
C23.300.175.700.325.....Salivary Duct Calculi
C23.300.175.700.500.....Salivary Gland Calculi
C23.300.175.850.....Urinary Calculi
C23.300.175.850.550.....Kidney Calculi
C23.300.175.850.550.500.....Staghorn Calculi
C23.300.175.850.750.....Ureteral Calculi
C23.300.175.850.875.....Urinary Bladder Calculi
C23.300.190.....Accessory Atrioventricular Bundle
C23.300.250.....Choristoma
C23.300.287.....Constriction, Pathologic
C23.300.306.....Cysts
C23.300.306.500.....Parovarian Cyst
C23.300.306.750.....Spermatocoele
C23.300.325.....Dilatation, Pathologic
C23.300.415.....Diverticulum
C23.300.415.500.....Diverticulum, Colon
C23.300.415.625.....Diverticulum, Esophageal
C23.300.415.625.900.....Zenker Diverticulum
C23.300.415.687.....Diverticulum, Stomach
C23.300.415.750.....Meckel Diverticulum
C23.300.505.....Facial Asymmetry
C23.300.575.....Fistula
C23.300.575.150.....Cutaneous Fistula
C23.300.575.185.....Digestive System Fistula
C23.300.575.185.150.....Biliary Fistula
C23.300.575.185.250.....Esophageal Fistula
C23.300.575.185.250.725.....Tracheoesophageal Fistula

## 2018 MeSH Tree Hierarchy

Tree location	
C23.300.575.185.375.....	Gastric Fistula
C23.300.575.185.550.....	Intestinal Fistula
C23.300.575.185.550.600.....	Rectal Fistula
C23.300.575.185.550.600.650.....	Rectovaginal Fistula
C23.300.575.185.775.....	Pancreatic Fistula
C23.300.575.500.....	Oral Fistula
C23.300.575.500.275.....	Dental Fistula
C23.300.575.500.550.....	Oroantral Fistula
C23.300.575.500.775.....	Salivary Gland Fistula
C23.300.575.687.....	Respiratory Tract Fistula
C23.300.575.687.225.....	Bronchial Fistula
C23.300.575.825.....	Urinary Fistula
C23.300.575.825.250.....	Urinary Bladder Fistula
C23.300.575.825.250.775.....	Vesicovaginal Fistula
C23.300.575.925.....	Vaginal Fistula
C23.300.575.925.558.....	Rectovaginal Fistula
C23.300.575.925.816.....	Vesicovaginal Fistula
C23.300.575.950.....	Vascular Fistula
C23.300.575.950.150.....	Arterio-Arterial Fistula
C23.300.575.950.150.500.....	Bland White Garland Syndrome
C23.300.575.950.250.....	Arteriovenous Fistula
C23.300.575.950.250.500.....	Carotid-Cavernous Sinus Fistula
C23.300.707.....	Hernia
C23.300.707.186.....	Encephalocele
C23.300.707.374.....	Hernia, Abdominal
C23.300.707.374.500.....	Gastroschisis
C23.300.707.374.750.....	Hernia, Femoral
C23.300.707.374.875.....	Hernia, Inguinal
C23.300.707.374.937.....	Hernia, Ventral
C23.300.707.374.937.500.....	Hernia, Umbilical
C23.300.707.500.....	Hernia, Diaphragmatic
C23.300.707.500.116.....	Hernias, Diaphragmatic, Congenital
C23.300.707.500.233.....	Hernia, Diaphragmatic, Traumatic
C23.300.707.500.467.....	Hernia, Hiatal
C23.300.707.937.....	Hernia, Obturator
C23.300.707.945.....	Incisional Hernia
C23.300.707.952.....	Intervertebral Disc Displacement
C23.300.707.968.....	Meningocele
C23.300.707.984.....	Rectocele
C23.300.775.....	Hypertrophy
C23.300.775.250.....	Cardiomegaly

## 2018 MeSH Tree Hierarchy

Tree location	
C23.300.775.250.400.....	Hypertrophy, Left Ventricular
C23.300.775.250.401.....	Hypertrophy, Right Ventricular
C23.300.775.525.....	Hepatomegaly
C23.300.775.750.....	Splenomegaly
C23.300.808.....	Leg Length Inequality
C23.300.816.....	Leukoplakia
C23.300.816.513.....	Leukoplakia, Oral
C23.300.816.513.500.....	Leukoplakia, Hairy
C23.300.818.....	Microvascular Rarefaction
C23.300.820.....	Nails, Malformed
C23.300.820.500.....	Yellow Nail Syndrome
C23.300.821.....	Plaque, Amyloid
C23.300.823.....	Plaque, Atherosclerotic
C23.300.825.....	Polyps
C23.300.825.411.....	Intestinal Polyps
C23.300.825.411.235.....	Colonic Polyps
C23.300.825.557.....	Nasal Polyps
C23.300.842.....	Prolapse
C23.300.842.624.....	Pelvic Organ Prolapse
C23.300.842.624.249.....	Cystocele
C23.300.842.624.500.....	Rectal Prolapse
C23.300.842.624.750.....	Uterine Prolapse
C23.300.842.624.875.....	Visceral Prolapse
C23.300.909.....	Rupture, Spontaneous
C23.300.925.....	Solitary Kidney
C23.300.940.....	Spontaneous Perforation
C23.300.955.....	Tertiary Lymphoid Structures
C23.300.970.....	Torsion Abnormality
C23.300.970.249.....	Bone Anteversion
C23.300.970.249.500.....	Coxa Vara
C23.300.970.374.....	Bone Retroversion
C23.300.970.374.500.....	Coxa Valga
C23.300.970.500.....	Intestinal Volvulus
C23.300.970.750.....	Uterine Retroversion
C23.300.977.....	Vascular Remodeling
C23.300.985.....	Ventricular Remodeling
C23.550.....	Pathologic Processes
C23.550.035.....	Acantholysis
C23.550.073.....	Arrhythmias, Cardiac
C23.550.073.093.....	Arrhythmia, Sinus
C23.550.073.093.249.....	Sick Sinus Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.073.093.500.....Sinus Arrest, Cardiac
C23.550.073.198.....Atrial Fibrillation
C23.550.073.248.....Atrial Flutter
C23.550.073.300.....Bradycardia
C23.550.073.325.....Cardiac Complexes, Premature
C23.550.073.325.050.....Atrial Premature Complexes
C23.550.073.325.800.....Ventricular Premature Complexes
C23.550.073.425.....Heart Block
C23.550.073.425.025.....Adams-Stokes Syndrome
C23.550.073.425.062.....Atrioventricular Block
C23.550.073.425.100.....Bundle-Branch Block
C23.550.073.425.270.....Interatrial Block
C23.550.073.425.440.....Sick Sinus Syndrome
C23.550.073.425.780.....Sinoatrial Block
C23.550.073.547.....Long QT Syndrome
C23.550.073.547.070.....Andersen Syndrome
C23.550.073.547.720.....Romano-Ward Syndrome
C23.550.073.670.....Parasystole
C23.550.073.845.....Tachycardia
C23.550.073.845.695.....Tachycardia, Paroxysmal
C23.550.073.845.787.....Tachycardia, Reciprocating
C23.550.073.845.787.500.....Tachycardia, Atrioventricular Nodal Reentry
C23.550.073.845.787.750.....Tachycardia, Sinoatrial Nodal Reentry
C23.550.073.845.880.....Tachycardia, Supraventricular
C23.550.073.845.880.315.....Tachycardia, Ectopic Atrial
C23.550.073.845.880.320.....Tachycardia, Ectopic Junctional
C23.550.073.845.880.845.....Tachycardia, Sinus
C23.550.073.845.940.....Tachycardia, Ventricular
C23.550.073.845.940.349.....Accelerated Idioventricular Rhythm
C23.550.073.845.940.700.....Torsades de Pointes
C23.550.073.922.....Ventricular Fibrillation
C23.550.073.961.....Ventricular Flutter
C23.550.081.....Ascites
C23.550.113.....Atrial Remodeling
C23.550.145.....Azotemia
C23.550.161.....Cardiotoxicity
C23.550.177.....Channelopathies
C23.550.210.....Chromosome Aberrations
C23.550.210.024.....Abnormal Karyotype
C23.550.210.024.500.....XYY Karyotype
C23.550.210.050.....Aneuploidy

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.210.050.500.....Monosomy
C23.550.210.050.500.500.....Chromosome Deletion
C23.550.210.050.625.....Tetrasomy
C23.550.210.050.750.....Trisomy
C23.550.210.110.....Chromosomal Instability
C23.550.210.110.180.....Chromosome Fragility
C23.550.210.170.....Chromosome Breakage
C23.550.210.182.....Chromosome Duplication
C23.550.210.182.249.....Tetrasomy
C23.550.210.182.500.....Trisomy
C23.550.210.190.....Chromosome Inversion
C23.550.210.310.....Chromothripsis
C23.550.210.430.....Isochromosomes
C23.550.210.570.....Micronuclei, Chromosome-Defective
C23.550.210.645.....Nondisjunction, Genetic
C23.550.210.645.890.....Uniparental Disomy
C23.550.210.702.....Polyploidy
C23.550.210.702.249.....Tetraploidy
C23.550.210.702.500.....Triploidy
C23.550.210.760.....Ring Chromosomes
C23.550.210.815.....Sex Chromosome Aberrations
C23.550.210.815.970.....XYY Karyotype
C23.550.210.870.....Translocation, Genetic
C23.550.210.870.680.....Philadelphia Chromosome
C23.550.260.....Death
C23.550.260.095.....Asphyxia
C23.550.260.127.....Body Remains
C23.550.260.159.....Brain Death
C23.550.260.224.....Cadaver
C23.550.260.224.200.....Corpse Dismemberment
C23.550.260.224.617.....Postmortem Changes
C23.550.260.224.617.236.....Autolysis
C23.550.260.224.617.839.....Rigor Mortis
C23.550.260.322.....Death, Sudden
C23.550.260.322.250.....Death, Sudden, Cardiac
C23.550.260.322.250.500.....Karoshi Death
C23.550.260.322.625.....Sudden Infant Death
C23.550.260.393.....Drowning
C23.550.260.440.....Embryo Loss
C23.550.260.585.....Fetal Death
C23.550.260.585.260.....Fetal Resorption



## 2018 MeSH Tree Hierarchy

Tree location
C23.550.260.585.630.....Stillbirth
C23.550.260.657.....Infant Death
C23.550.260.657.500.....Sudden Infant Death
C23.550.260.730.....Parental Death
C23.550.260.730.500.....Maternal Death
C23.550.260.865.....Perinatal Death
C23.550.274.....Dehydration
C23.550.277.....Delayed Graft Function
C23.550.288.....Disease
C23.550.288.500.....Syndrome
C23.550.291.....Disease Attributes
C23.550.291.125.....Acute Disease
C23.550.291.187.....Asymptomatic Diseases
C23.550.291.187.500.....Asymptomatic Infections
C23.550.291.250.....Catastrophic Illness
C23.550.291.500.....Chronic Disease
C23.550.291.500.500.....Multiple Chronic Conditions
C23.550.291.500.750.....Noncommunicable Diseases
C23.550.291.562.....Convalescence
C23.550.291.625.....Critical Illness
C23.550.291.656.....Disease Progression
C23.550.291.656.350.....Clinical Deterioration
C23.550.291.656.700.....Remission, Spontaneous
C23.550.291.671.....Disease Resistance
C23.550.291.687.....Disease Susceptibility
C23.550.291.687.500.....Genetic Predisposition to Disease
C23.550.291.687.500.500.....Anticipation, Genetic
C23.550.291.750.....Diseases in Twins
C23.550.291.781.....Emergencies
C23.550.291.812.....Facies
C23.550.291.875.....Iatrogenic Disease
C23.550.291.875.500.....Cross Infection
C23.550.291.883.....Late Onset Disorders
C23.550.291.890.....Neglected Diseases
C23.550.291.906.....Rare Diseases
C23.550.291.937.....Recurrence
C23.550.291.937.500.....Symptom Flare Up
C23.550.308.....Dysbiosis
C23.550.325.....Emphysema
C23.550.325.250.....Mediastinal Emphysema
C23.550.325.500.....Subcutaneous Emphysema

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.325.500.500.....alpha 1-Antitrypsin Deficiency
C23.550.340.....Extravasation of Diagnostic and Therapeutic Materials
C23.550.340.500.....Injection Site Reaction
C23.550.347.....Femoracetabular Impingement
C23.550.355.....Fibrosis
C23.550.355.274.....Cicatrix
C23.550.355.274.505.....Cicatrix, Hypertrophic
C23.550.355.274.510.....Keloid
C23.550.355.274.840.....Tissue Adhesions
C23.550.355.550.....Nephrogenic Fibrosing Dermopathy
C23.550.355.625.....Peritoneal Fibrosis
C23.550.355.700.....Retroperitoneal Fibrosis
C23.550.359.....Frailty
C23.550.362.....Genomic Instability
C23.550.362.180.....Chromosomal Instability
C23.550.362.180.180.....Chromosome Fragility
C23.550.362.590.....Microsatellite Instability
C23.550.369.....Gliosis
C23.550.382.....Granuloma
C23.550.382.250.....Eosinophilic Granuloma
C23.550.382.375.....Granuloma Annulare
C23.550.382.437.....Granuloma, Foreign-Body
C23.550.382.468.....Granuloma, Giant Cell
C23.550.382.875.....Granuloma, Plasma Cell
C23.550.382.937.....Granuloma, Pyogenic
C23.550.382.968.....Granuloma, Respiratory Tract
C23.550.382.968.500.....Granuloma, Laryngeal
C23.550.382.984.....Necrobiotic Xanthogranuloma
C23.550.384.....Granulomatosis, Orofacial
C23.550.393.....Growth Disorders
C23.550.393.450.....Fetal Growth Retardation
C23.550.403.....Hemolysis
C23.550.414.....Hemorrhage
C23.550.414.300.....Blood Loss, Surgical
C23.550.414.625.....Ecchymosis
C23.550.414.712.....Epistaxis
C23.550.414.734.....Exsanguination
C23.550.414.756.....Eye Hemorrhage
C23.550.414.756.300.....Choroid Hemorrhage
C23.550.414.756.550.....Hyphema
C23.550.414.756.775.....Retinal Hemorrhage

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.414.756.887.....Vitreous Hemorrhage
C23.550.414.788.....Gastrointestinal Hemorrhage
C23.550.414.788.400.....Hematemesis
C23.550.414.788.600.....Melena
C23.550.414.788.700.....Peptic Ulcer Hemorrhage
C23.550.414.794.....Hemarthrosis
C23.550.414.817.....Hematocele
C23.550.414.838.....Hematoma
C23.550.414.838.349.....Hematoma, Epidural, Cranial
C23.550.414.838.355.....Hematoma, Epidural, Spinal
C23.550.414.838.700.....Hematoma, Subdural
C23.550.414.838.700.100.....Hematoma, Subdural, Acute
C23.550.414.838.700.200.....Hematoma, Subdural, Chronic
C23.550.414.838.700.400.....Hematoma, Subdural, Intracranial
C23.550.414.838.700.700.....Hematoma, Subdural, Spinal
C23.550.414.849.....Hematuria
C23.550.414.864.....Hemobilia
C23.550.414.888.....Hemoperitoneum
C23.550.414.896.....Hemoptysis
C23.550.414.904.....Hemothorax
C23.550.414.904.500.....Hemopneumothorax
C23.550.414.913.....Intracranial Hemorrhages
C23.550.414.913.100.....Cerebral Hemorrhage
C23.550.414.913.100.200.....Basal Ganglia Hemorrhage
C23.550.414.913.100.200.500.....Putaminal Hemorrhage
C23.550.414.913.100.600.....Cerebral Intraventricular Hemorrhage
C23.550.414.913.400.....Hematoma, Epidural, Cranial
C23.550.414.913.700.....Hematoma, Subdural
C23.550.414.913.700.100.....Hematoma, Subdural, Acute
C23.550.414.913.700.200.....Hematoma, Subdural, Chronic
C23.550.414.913.700.400.....Hematoma, Subdural, Intracranial
C23.550.414.913.850.....Subarachnoid Hemorrhage
C23.550.414.922.....Oral Hemorrhage
C23.550.414.922.500.....Gingival Hemorrhage
C23.550.414.941.....Postoperative Hemorrhage
C23.550.414.941.500.....Endoleak
C23.550.414.950.....Purpura
C23.550.414.950.230.....Purpura Fulminans
C23.550.414.950.250.....Purpura, Hyperglobulinemic
C23.550.414.950.375.....Purpura, Schoenlein-Henoch
C23.550.414.950.687.....Purpura, Thrombocytopenic

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.414.950.687.600.....Purpura, Thrombocytopenic, Idiopathic
C23.550.414.950.687.680.....Purpura, Thrombotic Thrombocytopenic
C23.550.414.950.843.....Waterhouse-Friderichsen Syndrome
C23.550.414.960.....Retrobulbar Hemorrhage
C23.550.414.980.....Shock, Hemorrhagic
C23.550.414.993.....Uterine Hemorrhage
C23.550.414.993.700.....Metrorrhagia
C23.550.414.993.850.....Postpartum Hemorrhage
C23.550.421.....Hyperammonemia
C23.550.425.....Hyperamylasemia
C23.550.429.....Hyperbilirubinemia
C23.550.429.249.....Hyperbilirubinemia, Neonatal
C23.550.429.249.500.....Jaundice, Neonatal
C23.550.429.500.....Jaundice
C23.550.429.500.755.....Jaundice, Obstructive
C23.550.429.750.....Kernicterus
C23.550.444.....Hyperplasia
C23.550.449.....Hyperuricemia
C23.550.455.....Hypovolemia
C23.550.470.....Inflammation
C23.550.470.099.....Acute-Phase Reaction
C23.550.470.251.....Foreign-Body Reaction
C23.550.470.251.500.....Implant Capsular Contracture
C23.550.470.448.....Neurogenic Inflammation
C23.550.470.640.....Seroma
C23.550.470.646.....Serositis
C23.550.470.756.....Suppuration
C23.550.470.756.100.....Abscess
C23.550.470.756.200.....Cellulitis
C23.550.470.756.305.....Empyema
C23.550.470.756.305.500.....Empyema, Subdural
C23.550.470.790.....Systemic Inflammatory Response Syndrome
C23.550.470.790.500.....Sepsis
C23.550.470.790.500.100.....Bacteremia
C23.550.470.790.500.100.275.....Endotoxemia
C23.550.470.790.500.100.375.....Hemorrhagic Septicemia
C23.550.470.790.500.360.....Fungemia
C23.550.470.790.500.360.150.....Candidemia
C23.550.470.790.500.470.....Neonatal Sepsis
C23.550.470.790.500.580.....Parasitemia
C23.550.470.790.500.800.....Shock, Septic

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.470.790.500.900.....Viremia
C23.550.470.790.500.900.400.....Hemorrhagic Septicemia, Viral
C23.550.505.....Intraoperative Complications
C23.550.505.300.....Blood Loss, Surgical
C23.550.505.400.....Intraoperative Awareness
C23.550.505.700.....Malignant Hyperthermia
C23.550.513.....Ischemia
C23.550.513.355.....Infarction
C23.550.513.677.....No-Reflow Phenomenon
C23.550.522.....Leukoaraiosis
C23.550.526.....Leukocytosis
C23.550.537.....Lithiasis
C23.550.543.....Long Term Adverse Effects
C23.550.548.....Malacoplakia
C23.550.568.....Menstruation Disturbances
C23.550.568.500.....Amenorrhea
C23.550.568.750.....Dysmenorrhea
C23.550.568.875.....Menorrhagia
C23.550.568.937.....Oligomenorrhea
C23.550.568.968.....Premenstrual Syndrome
C23.550.568.968.500.....Premenstrual Dysphoric Disorder
C23.550.589.....Metaplasia
C23.550.589.500.....Neovascularization, Pathologic
C23.550.589.500.145.....Choroidal Neovascularization
C23.550.589.500.725.....Retinal Neovascularization
C23.550.695.....Muscle Weakness
C23.550.717.....Necrosis
C23.550.717.182.....Dental Pulp Necrosis
C23.550.717.273.....DNA Degradation, Necrotic
C23.550.717.365.....Fat Necrosis
C23.550.717.427.....Gangrene
C23.550.717.489.....Infarction
C23.550.717.732.....Osteonecrosis
C23.550.717.732.183.....Bisphosphonate-Associated Osteonecrosis of the Jaw
C23.550.717.732.368.....Femur Head Necrosis
C23.550.722.....Neointima
C23.550.727.....Neoplastic Processes
C23.550.727.045.....Anaplasia
C23.550.727.098.....Carcinogenesis
C23.550.727.098.500.....Cell Transformation, Neoplastic
C23.550.727.098.500.110.....Blast Crisis

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.727.098.500.160.....Cell Transformation, Viral
C23.550.727.098.750.....Cocarcinogenesis
C23.550.727.645.....Neoplasm Invasiveness
C23.550.727.645.500.....Leukemic Infiltration
C23.550.727.650.....Neoplasm Metastasis
C23.550.727.650.560.....Lymphatic Metastasis
C23.550.727.650.695.....Neoplasm Micrometastasis
C23.550.727.650.830.....Neoplasm Seeding
C23.550.727.650.895.....Neoplasms, Unknown Primary
C23.550.727.650.900.....Neoplastic Cells, Circulating
C23.550.727.655.....Neoplasm Recurrence, Local
C23.550.727.670.....Neoplasm Regression, Spontaneous
C23.550.727.700.....Neoplasm, Residual
C23.550.727.850.....Oncogene Addiction
C23.550.737.....Nerve Degeneration
C23.550.737.500.....Retrograde Degeneration
C23.550.737.625.....Subacute Combined Degeneration
C23.550.737.750.....Wallerian Degeneration
C23.550.744.....Ochronosis
C23.550.751.....Ossification, Heterotopic
C23.550.751.500.....Ossification of Posterior Longitudinal Ligament
C23.550.755.....Pigmentation Disorders
C23.550.759.....Polydipsia
C23.550.759.500.....Polydipsia, Psychogenic
C23.550.767.....Postoperative Complications
C23.550.767.050.....Afferent Loop Syndrome
C23.550.767.071.....Anastomotic Leak
C23.550.767.082.....Breast Cancer Lymphedema
C23.550.767.093.....Corneal Endothelial Cell Loss
C23.550.767.115.....Coronary-Subclavian Steal Syndrome
C23.550.767.137.....Delayed Emergence from Anesthesia
C23.550.767.181.....Emergence Delirium
C23.550.767.225.....Failed Back Surgery Syndrome
C23.550.767.400.....Graft Occlusion, Vascular
C23.550.767.500.....Incisional Hernia
C23.550.767.600.....Malignant Hyperthermia
C23.550.767.700.....Pain, Postoperative
C23.550.767.700.500.....Phantom Limb
C23.550.767.775.....Postcholecystectomy Syndrome
C23.550.767.812.....Postgastrectomy Syndromes
C23.550.767.812.500.....Dumping Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C23.550.767.850.....Postoperative Hemorrhage
C23.550.767.850.500.....Endoleak
C23.550.767.859.....Postoperative Nausea and Vomiting
C23.550.767.863.....Postpericardiotomy Syndrome
C23.550.767.865.....Prosthesis Failure
C23.550.767.865.500.....Implant Capsular Contracture
C23.550.767.868.....Prosthesis-Related Infections
C23.550.767.877.....Reperfusion Injury
C23.550.767.877.500.....Myocardial Reperfusion Injury
C23.550.767.877.750.....Primary Graft Dysfunction
C23.550.767.879.....Shock, Surgical
C23.550.767.882.....Short Bowel Syndrome
C23.550.767.884.....Slit Ventricle Syndrome
C23.550.767.887.....Surgical Wound Dehiscence
C23.550.767.925.....Surgical Wound Infection
C23.550.767.962.....Vasoplegia
C23.550.770.....Protein Aggregation, Pathological
C23.550.773.....Respiratory Aspiration
C23.550.773.500.....Respiratory Aspiration of Gastric Contents
C23.550.794.....Retropneumoperitoneum
C23.550.823.....Sclerosis
C23.550.835.....Shock
C23.550.835.525.....Multiple Organ Failure
C23.550.835.550.....Shock, Cardiogenic
C23.550.835.650.....Shock, Hemorrhagic
C23.550.835.775.....Shock, Surgical
C23.550.835.888.....Shock, Traumatic
C23.550.835.900.....Systemic Inflammatory Response Syndrome
C23.550.835.900.712.....Shock, Septic
C23.550.863.....Teratogenesis
C23.550.891.....Ulcer
C23.550.918.....Vascular Remodeling
C23.550.945.....Yang Deficiency
C23.550.972.....Yin Deficiency
C23.888.....Signs and Symptoms
C23.888.069.....Aging, Premature
C23.888.089.....Asthenia
C23.888.119.....Body Temperature Changes
C23.888.119.344.....Fever
C23.888.119.344.345.....Fever of Unknown Origin
C23.888.119.344.672.....Sweating Sickness

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.119.565.....Hypothermia
C23.888.144.....Body Weight
C23.888.144.186.....Birth Weight
C23.888.144.186.500.....Fetal Macrosomia
C23.888.144.243.....Body Weight Changes
C23.888.144.243.926.....Weight Gain
C23.888.144.243.963.....Weight Loss
C23.888.144.243.963.500.....Emaciation
C23.888.144.243.963.500.500.....Cachexia
C23.888.144.300.....Fetal Weight
C23.888.144.699.....Overweight
C23.888.144.699.500.....Obesity
C23.888.144.699.500.250.....Obesity, Metabolically Benign
C23.888.144.699.500.500.....Obesity, Morbid
C23.888.144.699.500.750.....Pediatric Obesity
C23.888.144.828.....Thinness
C23.888.176.....Cardiac Output, High
C23.888.192.....Cardiac Output, Low
C23.888.208.....Chills
C23.888.248.....Cyanosis
C23.888.248.500.....Infantile Apparent Life-Threatening Event
C23.888.277.....Edema
C23.888.277.197.....Edema, Cardiac
C23.888.277.395.....Hydrops Fetalis
C23.888.307.....Eye Manifestations
C23.888.307.500.....Eye Hemorrhage
C23.888.307.625.....Eye Pain
C23.888.307.750.....Susac Syndrome
C23.888.338.....Failure to Thrive
C23.888.369.....Fatigue
C23.888.369.500.....Mental Fatigue
C23.888.369.500.250.....Alert Fatigue, Health Personnel
C23.888.369.500.500.....Compassion Fatigue
C23.888.378.....Feminization
C23.888.380.....Fetal Distress
C23.888.447.....Heart Murmurs
C23.888.447.500.....Systolic Murmurs
C23.888.475.....Hot Flashes
C23.888.512.....Hypergammaglobulinemia
C23.888.516.....Hyperlactatemia
C23.888.521.....Hypertriglyceridemic Waist



## 2018 MeSH Tree Hierarchy

Tree location	
C23.888.531.....	Intermittent Claudication
C23.888.541.....	Medically Unexplained Symptoms
C23.888.550.....	Mobility Limitation
C23.888.571.....	Motion Sickness
C23.888.571.420.....	Expeditions
C23.888.571.710.....	Medical Tourism
C23.888.571.800.....	Space Motion Sickness
C23.888.582.....	Myocardial Stunning
C23.888.592.....	Neurologic Manifestations
C23.888.592.057.....	Bilateral Vestibulopathy
C23.888.592.114.....	Cerebrospinal Fluid Leak
C23.888.592.114.249.....	Cerebrospinal Fluid Otorrhea
C23.888.592.114.624.....	Cerebrospinal Fluid Rhinorrhea
C23.888.592.298.....	Decerebrate State
C23.888.592.350.....	Dyskinesias
C23.888.592.350.090.....	Ataxia
C23.888.592.350.090.200.....	Cerebellar Ataxia
C23.888.592.350.090.600.....	Gait Ataxia
C23.888.592.350.110.....	Athetosis
C23.888.592.350.200.....	Catalepsy
C23.888.592.350.250.....	Chorea
C23.888.592.350.275.....	Dyskinesia, Drug-Induced
C23.888.592.350.275.500.....	Tardive Dyskinesia
C23.888.592.350.300.....	Dystonia
C23.888.592.350.300.800.....	Torticollis
C23.888.592.350.350.....	Hyperkinesia
C23.888.592.350.400.....	Hypokinesia
C23.888.592.350.500.....	Myoclonus
C23.888.592.350.600.....	Psychomotor Agitation
C23.888.592.350.600.500.....	Akathisia, Drug-Induced
C23.888.592.350.675.....	Synkinesis
C23.888.592.350.700.....	Tics
C23.888.592.350.850.....	Tremor
C23.888.592.413.....	Gait Disorders, Neurologic
C23.888.592.413.400.....	Gait Apraxia
C23.888.592.413.450.....	Gait Ataxia
C23.888.592.544.....	Meningism
C23.888.592.604.....	Neurobehavioral Manifestations
C23.888.592.604.039.....	Anhedonia
C23.888.592.604.115.....	Catatonia
C23.888.592.604.150.....	Communication Disorders

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.604.150.500.....Language Disorders
C23.888.592.604.150.500.050.....Agraphia
C23.888.592.604.150.500.090.....Anomia
C23.888.592.604.150.500.300.....Dyslexia
C23.888.592.604.150.500.300.200.....Dyslexia, Acquired
C23.888.592.604.150.500.300.200.100.....Alexia, Pure
C23.888.592.604.150.500.550.....Language Development Disorders
C23.888.592.604.150.500.800.....Speech Disorders
C23.888.592.604.150.500.800.100.....Aphasia
C23.888.592.604.150.500.800.100.100.....Aphasia, Broca
C23.888.592.604.150.500.800.100.111.....Aphasia, Conduction
C23.888.592.604.150.500.800.100.155.....Aphasia, Primary Progressive
C23.888.592.604.150.500.800.100.155.600.....Primary Progressive Nonfluent Aphasia
C23.888.592.604.150.500.800.100.166.....Aphasia, Wernicke
C23.888.592.604.150.500.800.150.....Articulation Disorders
C23.888.592.604.150.500.800.150.200.....Dysarthria
C23.888.592.604.150.500.800.300.....Echolalia
C23.888.592.604.150.500.800.500.....Mutism
C23.888.592.604.150.500.800.750.....Stuttering
C23.888.592.604.150.550.....Learning Disorders
C23.888.592.604.150.550.099.....Dyscalculia
C23.888.592.604.150.550.200.....Dyslexia
C23.888.592.604.150.550.200.500.....Dyslexia, Acquired
C23.888.592.604.339.....Confusion
C23.888.592.604.339.500.....Delirium
C23.888.592.604.339.500.500.....Emergence Delirium
C23.888.592.604.359.....Consciousness Disorders
C23.888.592.604.359.800.....Unconsciousness
C23.888.592.604.359.800.200.....Coma
C23.888.592.604.359.800.400.....Persistent Vegetative State
C23.888.592.604.359.800.500.....Stupor
C23.888.592.604.359.800.600.....Syncope
C23.888.592.604.359.800.600.500.....Syncope, Vasovagal
C23.888.592.604.444.....Lethargy
C23.888.592.604.529.....Memory Disorders
C23.888.592.604.529.100.....Amnesia
C23.888.592.604.529.100.075.....Amnesia, Anterograde
C23.888.592.604.529.100.150.....Amnesia, Retrograde
C23.888.592.604.529.100.800.....Amnesia, Transient Global
C23.888.592.604.529.400.....Korsakoff Syndrome
C23.888.592.604.529.400.500.....Alcoholic Korsakoff Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.604.646.....Intellectual Disability
C23.888.592.604.764.....Perceptual Disorders
C23.888.592.604.764.100.....Agnosia
C23.888.592.604.764.100.300.....Gerstmann Syndrome
C23.888.592.604.764.100.650.....Prosopagnosia
C23.888.592.604.764.150.....Alice in Wonderland Syndrome
C23.888.592.604.764.175.....Allesthesia
C23.888.592.604.764.200.....Auditory Perceptual Disorders
C23.888.592.604.764.300.....Hallucinations
C23.888.592.604.764.300.500.....Charles Bonnet Syndrome
C23.888.592.604.764.400.....Illusions
C23.888.592.604.764.700.....Phantom Limb
C23.888.592.604.882.....Psychomotor Disorders
C23.888.592.604.882.350.....Apraxias
C23.888.592.604.882.350.099.....Alien Hand Syndrome
C23.888.592.604.882.350.200.....Apraxia, Ideomotor
C23.888.592.604.882.350.600.....Gait Apraxia
C23.888.592.604.882.700.....Psychomotor Agitation
C23.888.592.608.....Neuromuscular Manifestations
C23.888.592.608.250.....Fasciculation
C23.888.592.608.500.....Muscle Cramp
C23.888.592.608.550.....Muscle Hypertonia
C23.888.592.608.550.500.....Muscle Rigidity
C23.888.592.608.550.550.....Muscle Spasticity
C23.888.592.608.575.....Muscle Hypotonia
C23.888.592.608.593.....Muscle Weakness
C23.888.592.608.612.....Muscular Atrophy
C23.888.592.608.612.500.....Sarcopenia
C23.888.592.608.650.....Myokymia
C23.888.592.608.700.....Myotonia
C23.888.592.608.750.....Spasm
C23.888.592.608.750.400.....Hemifacial Spasm
C23.888.592.608.750.700.....Trismus
C23.888.592.608.875.....Tetany
C23.888.592.610.....Orthostatic Intolerance
C23.888.592.612.....Pain
C23.888.592.612.054.....Abdominal Pain
C23.888.592.612.054.200.....Abdomen, Acute
C23.888.592.612.081.....Acute Pain
C23.888.592.612.094.....Arthralgia
C23.888.592.612.094.700.....Shoulder Pain

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.612.107.....Back Pain
C23.888.592.612.107.200.....Failed Back Surgery Syndrome
C23.888.592.612.107.400.....Low Back Pain
C23.888.592.612.191.....Breakthrough Pain
C23.888.592.612.212.....Cancer Pain
C23.888.592.612.233.....Chest Pain
C23.888.592.612.233.500.....Angina Pectoris
C23.888.592.612.233.500.150.....Angina, Unstable
C23.888.592.612.233.500.150.150.....Angina Pectoris, Variant
C23.888.592.612.233.500.575.....Angina, Stable
C23.888.592.612.274.....Chronic Pain
C23.888.592.612.302.....Earache
C23.888.592.612.316.....Eye Pain
C23.888.592.612.330.....Facial Pain
C23.888.592.612.330.500.....Toothache
C23.888.592.612.386.....Flank Pain
C23.888.592.612.414.....Glossalgia
C23.888.592.612.441.....Headache
C23.888.592.612.441.500.....Slit Ventricle Syndrome
C23.888.592.612.451.....Labor Pain
C23.888.592.612.530.....Mastodynia
C23.888.592.612.540.....Metatarsalgia
C23.888.592.612.540.500.....Morton Neuroma
C23.888.592.612.547.....Musculoskeletal Pain
C23.888.592.612.547.249.....Myalgia
C23.888.592.612.547.500.....Pelvic Girdle Pain
C23.888.592.612.553.....Neck Pain
C23.888.592.612.664.....Neuralgia
C23.888.592.612.664.275.....Morton Neuroma
C23.888.592.612.664.550.....Neuralgia, Postherpetic
C23.888.592.612.664.675.....Piriformis Muscle Syndrome
C23.888.592.612.664.737.....Pudendal Neuralgia
C23.888.592.612.664.800.....Sciatica
C23.888.592.612.720.....Nociceptive Pain
C23.888.592.612.720.500.....Visceral Pain
C23.888.592.612.776.....Pain, Intractable
C23.888.592.612.832.....Pain, Postoperative
C23.888.592.612.832.500.....Phantom Limb
C23.888.592.612.860.....Pain, Procedural
C23.888.592.612.888.....Pain, Referred
C23.888.592.612.944.....Pelvic Pain

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.612.944.500.....Dysmenorrhea
C23.888.592.612.944.625.....Pelvic Girdle Pain
C23.888.592.612.944.750.....Piriformis Muscle Syndrome
C23.888.592.612.972.....Renal Colic
C23.888.592.636.....Paralysis
C23.888.592.636.214.....Facial Paralysis
C23.888.592.636.263.....Gastroparesis
C23.888.592.636.312.....Hemiplegia
C23.888.592.636.447.....Ophthalmoplegia
C23.888.592.636.447.511.....Ophthalmoplegia, Chronic Progressive External
C23.888.592.636.447.511.500.....Kearns-Sayre Syndrome
C23.888.592.636.447.600.....Ophthalmoplegic Migraine
C23.888.592.636.447.690.....Supranuclear Palsy, Progressive
C23.888.592.636.637.....Paraplegia
C23.888.592.636.637.300.....Brown-Sequard Syndrome
C23.888.592.636.711.....Pseudobulbar Palsy
C23.888.592.636.786.....Quadriplegia
C23.888.592.636.812.....Respiratory Paralysis
C23.888.592.636.943.....Vocal Cord Paralysis
C23.888.592.643.....Paresis
C23.888.592.643.500.....Paraparesis
C23.888.592.643.500.500.....Paraparesis, Spastic
C23.888.592.700.....Psychophysiologic Disorders
C23.888.592.708.....Pupil Disorders
C23.888.592.708.150.....Anisocoria
C23.888.592.708.362.....Miosis
C23.888.592.708.362.500.....Horner Syndrome
C23.888.592.708.575.....Tonic Pupil
C23.888.592.717.....Reflex, Abnormal
C23.888.592.742.....Seizures
C23.888.592.742.143.....Alcohol Withdrawal Seizures
C23.888.592.742.571.....Seizures, Febrile
C23.888.592.742.785.....Status Epilepticus
C23.888.592.742.785.260.....Epilepsia Partialis Continua
C23.888.592.763.....Sensation Disorders
C23.888.592.763.237.....Dizziness
C23.888.592.763.393.....Hearing Disorders
C23.888.592.763.393.341.....Hearing Loss
C23.888.592.763.393.341.186.....Deafness
C23.888.592.763.393.341.186.500.....Deaf-Blind Disorders
C23.888.592.763.393.341.374.....Hearing Loss, Bilateral

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.763.393.341.562.....Hearing Loss, Conductive
C23.888.592.763.393.341.750.....Hearing Loss, Functional
C23.888.592.763.393.341.812.....Hearing Loss, High-Frequency
C23.888.592.763.393.341.849.....Hearing Loss, Mixed Conductive-Sensorineural
C23.888.592.763.393.341.887.....Hearing Loss, Sensorineural
C23.888.592.763.393.341.887.432.....Hearing Loss, Central
C23.888.592.763.393.341.887.460.....Hearing Loss, Noise-Induced
C23.888.592.763.393.341.887.772.....Presbycusis
C23.888.592.763.393.341.887.886.....Usher Syndromes
C23.888.592.763.393.341.900.....Hearing Loss, Sudden
C23.888.592.763.393.341.950.....Hearing Loss, Unilateral
C23.888.592.763.393.505.....Hyperacusis
C23.888.592.763.393.670.....Tinnitus
C23.888.592.763.550.....Olfaction Disorders
C23.888.592.763.770.....Somatosensory Disorders
C23.888.592.763.770.400.....Hyperalgesia
C23.888.592.763.770.450.....Hyperesthesia
C23.888.592.763.770.500.....Hypesthesia
C23.888.592.763.770.875.....Paresthesia
C23.888.592.763.861.....Taste Disorders
C23.888.592.763.861.184.....Ageusia
C23.888.592.763.861.479.....Dysgeusia
C23.888.592.763.941.....Vision Disorders
C23.888.592.763.941.036.....Alice in Wonderland Syndrome
C23.888.592.763.941.073.....Amblyopia
C23.888.592.763.941.162.....Blindness
C23.888.592.763.941.162.125.....Amaurosis Fugax
C23.888.592.763.941.162.250.....Blindness, Cortical
C23.888.592.763.941.162.625.....Deaf-Blind Disorders
C23.888.592.763.941.256.....Color Vision Defects
C23.888.592.763.941.339.....Diplopia
C23.888.592.763.941.512.....Hemianopsia
C23.888.592.763.941.661.....Photophobia
C23.888.592.763.941.811.....Scotoma
C23.888.592.763.941.848.....Vision, Low
C23.888.592.796.....Sleep Wake Disorders
C23.888.592.796.772.....Sleep Deprivation
C23.888.592.848.....Susac Syndrome
C23.888.592.900.....Urinary Bladder, Neurogenic
C23.888.592.958.....Vertigo
C23.888.592.958.500.....Benign Paroxysmal Positional Vertigo

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.592.979.....Voice Disorders
C23.888.592.979.100.....Aphonia
C23.888.592.979.325.....Dysphonia
C23.888.592.979.550.....Hoarseness
C23.888.619.....Oral Manifestations
C23.888.619.500.....Oral Hemorrhage
C23.888.663.....Polydipsia
C23.888.663.500.....Polydipsia, Psychogenic
C23.888.672.....Prodromal Symptoms
C23.888.681.....Pseudophakia
C23.888.721.....Renal Colic
C23.888.760.....Reticulocytosis
C23.888.821.....Signs and Symptoms, Digestive
C23.888.821.030.....Abdominal Pain
C23.888.821.030.249.....Abdomen, Acute
C23.888.821.061.....Aerophagy
C23.888.821.108.....Anorexia
C23.888.821.150.....Constipation
C23.888.821.214.....Diarrhea
C23.888.821.214.500.....Diarrhea, Infantile
C23.888.821.236.....Dyspepsia
C23.888.821.266.....Encopresis
C23.888.821.297.....Eructation
C23.888.821.360.....Flatulence
C23.888.821.387.....Food Intolerance
C23.888.821.414.....Gagging
C23.888.821.475.....Halitosis
C23.888.821.525.....Heartburn
C23.888.821.578.....Hiccup
C23.888.821.645.....Hyperphagia
C23.888.821.645.500.....Bulimia
C23.888.821.712.....Nausea
C23.888.821.712.700.....Postoperative Nausea and Vomiting
C23.888.821.825.....Pica
C23.888.821.937.....Vomiting
C23.888.821.937.019.....Hematemesis
C23.888.821.937.049.....Morning Sickness
C23.888.821.937.049.500.....Hyperemesis Gravidarum
C23.888.821.937.059.....Postoperative Nausea and Vomiting
C23.888.821.937.080.....Vomiting, Anticipatory
C23.888.852.....Signs and Symptoms, Respiratory

## 2018 MeSH Tree Hierarchy

Tree location
C23.888.852.040.....Epistaxis
C23.888.852.079.....Hypoxia
C23.888.852.079.594.....Fetal Hypoxia
C23.888.852.130.....Apnea
C23.888.852.227.....Cheyne-Stokes Respiration
C23.888.852.293.....Cough
C23.888.852.371.....Dyspnea
C23.888.852.371.396.....Dyspnea, Paroxysmal
C23.888.852.430.....Hemoptysis
C23.888.852.490.....Hoarseness
C23.888.852.544.....Hypercapnia
C23.888.852.567.....Hyperoxia
C23.888.852.591.....Hyperventilation
C23.888.852.614.....Hypocapnia
C23.888.852.638.....Hypoventilation
C23.888.852.700.....Infantile Apparent Life-Threatening Event
C23.888.852.761.....Mouth Breathing
C23.888.852.779.....Respiratory Sounds
C23.888.852.779.850.....Snoring
C23.888.852.889.....Sneezing
C23.888.852.944.....Tachypnea
C23.888.852.944.500.....Transient Tachypnea of the Newborn
C23.888.885.....Skin Manifestations
C23.888.885.250.....Cafe-au-Lait Spots
C23.888.885.281.....Cellulite
C23.888.885.312.....Ecchymosis
C23.888.885.328.....Erythema
C23.888.885.344.....Flushing
C23.888.885.375.....Jaundice
C23.888.885.375.500.....Jaundice, Obstructive
C23.888.885.437.....Livedo Reticularis
C23.888.885.468.....Necrolytic Migratory Erythema
C23.888.885.500.....Pallor
C23.888.885.625.....Pruritus
C23.888.885.625.500.....Tinea Pedis
C23.888.885.687.....Purpura
C23.888.885.687.230.....Purpura Fulminans
C23.888.885.687.250.....Purpura, Hyperglobulinemic
C23.888.885.687.375.....Purpura, Schoenlein-Henoch
C23.888.885.687.687.....Purpura, Thrombocytopenic
C23.888.885.687.687.600.....Purpura, Thrombocytopenic, Idiopathic



## 2018 MeSH Tree Hierarchy

Tree location
C23.888.885.687.687.680.....Purpura, Thrombotic Thrombocytopenic
C23.888.885.687.843.....Waterhouse-Friderichsen Syndrome
C23.888.885.800.....Striae Distensae
C23.888.914.....Travel-Related Illness
C23.888.914.500.....Jet Lag Syndrome
C23.888.942.....Urological Manifestations
C23.888.942.337.....Hypercalciuria
C23.888.942.343.....Lower Urinary Tract Symptoms
C23.888.942.343.274.....Dysuria
C23.888.942.343.550.....Nocturia
C23.888.942.343.600.....Prostatism
C23.888.942.343.780.....Urinary Bladder, Overactive
C23.888.942.343.800.....Urinary Incontinence
C23.888.942.343.800.500.....Urinary Incontinence, Stress
C23.888.942.343.800.750.....Urinary Incontinence, Urge
C23.888.942.400.....Oliguria
C23.888.942.600.....Polyuria
C23.888.942.750.....Proteinuria
C23.888.942.750.269.....Albuminuria
C23.888.942.750.634.....Hemoglobinuria
C23.888.942.900.....Urinoma
C23.888.971.....Virilism
C23.888.971.468.....Hirsutism
C24.....Occupational Diseases
C24.080.....Agricultural Workers' Diseases
C24.080.365.....Farmer's Lung
C24.080.752.....Silo Filler's Disease
C24.102.....Asthma, Occupational
C24.125.....Bird Fancier's Lung
C24.270.....Dermatitis, Occupational
C24.400.....Hand-Arm Vibration Syndrome
C24.410.....High Pressure Neurological Syndrome
C24.426.....Inert Gas Narcosis
C24.506.....Laboratory Infection
C24.580.....Occupational Stress
C24.580.500.....Burnout, Professional
C24.653.....Persian Gulf Syndrome
C24.800.....Pneumoconiosis
C24.800.127.....Asbestosis
C24.800.225.....Berylliosis
C24.800.323.....Byssinosis

## 2018 MeSH Tree Hierarchy

Tree location	
C24.800.340.....	Caplan Syndrome
C24.800.773.....	Siderosis
C24.800.834.....	Silicosis
C24.800.834.201.....	Anthracosilicosis
C24.800.834.752.....	Silicotuberculosis
C24.900.....	Sleep Disorders, Circadian Rhythm
C25.....	Chemically-Induced Disorders
C25.100.....	Drug-Related Side Effects and Adverse Reactions
C25.100.249.....	Akathisia, Drug-Induced
C25.100.311.....	Anticholinergic Syndrome
C25.100.389.....	Cardiotoxicity
C25.100.468.....	Drug Hypersensitivity
C25.100.468.189.....	Asthma, Aspirin-Induced
C25.100.468.380.....	Drug Eruptions
C25.100.468.380.174.....	Acute Generalized Exanthematous Pustulosis
C25.100.468.380.262.....	Drug Hypersensitivity Syndrome
C25.100.468.380.375.....	Erythema Nodosum
C25.100.468.380.587.....	Hand-Foot Syndrome
C25.100.468.380.693.....	Nicolau Syndrome
C25.100.468.380.800.....	Serum Sickness
C25.100.468.380.900.....	Stevens-Johnson Syndrome
C25.100.562.....	Chemical and Drug Induced Liver Injury
C25.100.562.200.....	Chemical and Drug Induced Liver Injury, Chronic
C25.100.750.....	Dyskinesia, Drug-Induced
C25.100.781.....	Injection Site Reaction
C25.100.812.....	Metabolic Side Effects of Drugs and Substances
C25.100.844.....	Propofol Infusion Syndrome
C25.100.875.....	Serotonin Syndrome
C25.723.....	Poisoning
C25.723.098.....	Arsenic Poisoning
C25.723.127.....	Bites and Stings
C25.723.127.071.....	Insect Bites and Stings
C25.723.127.142.....	Scorpion Stings
C25.723.127.442.....	Snake Bites
C25.723.127.723.....	Spider Bites
C25.723.127.789.....	Tick Bites
C25.723.127.789.500.....	Tick Toxicoses
C25.723.127.789.500.707.....	Tick Paralysis
C25.723.177.....	Carbon Tetrachloride Poisoning
C25.723.260.....	Chemical and Drug Induced Liver Injury
C25.723.260.200.....	Chemical and Drug Induced Liver Injury, Chronic

## 2018 MeSH Tree Hierarchy

Tree location	
C25.723.380.....	Fluoride Poisoning
C25.723.415.....	Foodborne Diseases
C25.723.415.151.....	Botulism
C25.723.415.246.....	Ciguatera Poisoning
C25.723.415.341.....	Favism
C25.723.415.551.....	Mushroom Poisoning
C25.723.415.738.....	Salmonella Food Poisoning
C25.723.415.792.....	Shellfish Poisoning
C25.723.415.846.....	Staphylococcal Food Poisoning
C25.723.455.....	Gas Poisoning
C25.723.455.245.....	Carbon Monoxide Poisoning
C25.723.455.571.....	Inert Gas Narcosis
C25.723.522.....	Heavy Metal Poisoning
C25.723.522.313.....	Argyria
C25.723.522.625.....	Cadmium Poisoning
C25.723.522.750.....	Lead Poisoning
C25.723.522.750.500.....	Lead Poisoning, Nervous System
C25.723.522.750.500.400.....	Lead Poisoning, Nervous System, Adult
C25.723.522.750.500.700.....	Lead Poisoning, Nervous System, Childhood
C25.723.522.813.....	Manganese Poisoning
C25.723.522.875.....	Mercury Poisoning
C25.723.522.875.500.....	Mercury Poisoning, Nervous System
C25.723.522.875.500.100.....	Acrodynia
C25.723.680.....	Mycotoxicosis
C25.723.680.262.....	Ergotism
C25.723.680.551.....	Mushroom Poisoning
C25.723.705.....	Neurotoxicity Syndromes
C25.723.705.100.....	Akathisia, Drug-Induced
C25.723.705.150.....	Alcohol-Induced Disorders, Nervous System
C25.723.705.150.100.....	Alcohol Amnestic Disorder
C25.723.705.150.100.250.....	Alcoholic Korsakoff Syndrome
C25.723.705.150.200.....	Alcohol Withdrawal Delirium
C25.723.705.150.300.....	Alcohol Withdrawal Seizures
C25.723.705.150.400.....	Alcoholic Neuropathy
C25.723.705.200.....	Dyskinesia, Drug-Induced
C25.723.705.400.....	MPTP Poisoning
C25.723.705.600.....	Neuroleptic Malignant Syndrome
C25.723.717.....	Organophosphate Poisoning
C25.723.756.....	Plant Poisoning
C25.723.756.375.....	Favism
C25.723.756.558.....	Lathyrism

## 2018 MeSH Tree Hierarchy

Tree location
C25.723.756.600.....Milk Sickness
C25.723.809.....Psychoses, Substance-Induced
C25.723.809.750.....Psychoses, Alcoholic
C25.723.932.....Water Intoxication
C25.775.....Substance-Related Disorders
C25.775.100.....Alcohol-Related Disorders
C25.775.100.087.....Alcohol-Induced Disorders
C25.775.100.087.193.....Alcohol-Induced Disorders, Nervous System
C25.775.100.087.193.100.....Alcohol Amnestic Disorder
C25.775.100.087.193.100.250.....Alcoholic Korsakoff Syndrome
C25.775.100.087.193.200.....Alcohol Withdrawal Delirium
C25.775.100.087.193.300.....Alcohol Withdrawal Seizures
C25.775.100.087.193.400.....Alcoholic Neuropathy
C25.775.100.087.250.....Cardiomyopathy, Alcoholic
C25.775.100.087.323.....Fetal Alcohol Spectrum Disorders
C25.775.100.087.645.....Liver Diseases, Alcoholic
C25.775.100.087.645.390.....Fatty Liver, Alcoholic
C25.775.100.087.645.490.....Hepatitis, Alcoholic
C25.775.100.087.645.550.....Liver Cirrhosis, Alcoholic
C25.775.100.087.730.....Pancreatitis, Alcoholic
C25.775.100.087.750.....Psychoses, Alcoholic
C25.775.100.175.....Alcoholic Intoxication
C25.775.100.250.....Alcoholism
C25.775.100.437.....Binge Drinking
C25.775.100.625.....Wernicke Encephalopathy
C25.775.225.....Amphetamine-Related Disorders
C25.775.300.....Cocaine-Related Disorders
C25.775.383.....Drug Overdose
C25.775.425.....Heroin Dependence
C25.775.467.....Inhalant Abuse
C25.775.635.....Marijuana Abuse
C25.775.650.....Neonatal Abstinence Syndrome
C25.775.675.....Opioid-Related Disorders
C25.775.675.400.....Heroin Dependence
C25.775.675.600.....Morphine Dependence
C25.775.675.800.....Opium Dependence
C25.775.700.....Phencyclidine Abuse
C25.775.746.....Psychoses, Substance-Induced
C25.775.793.....Substance Abuse, Intravenous
C25.775.814.....Substance Abuse, Oral
C25.775.835.....Substance Withdrawal Syndrome

## 2018 MeSH Tree Hierarchy

Tree location
C25.775.835.250.....Alcohol Withdrawal Delirium
C25.775.835.500.....Alcohol Withdrawal Seizures
C25.775.912.....Tobacco Use Disorder
C26.....Wounds and Injuries
C26.017.....Abdominal Injuries
C26.017.258.....Hernia, Diaphragmatic, Traumatic
C26.017.680.....Splenic Rupture
C26.017.680.500.....Splenosis
C26.017.809.....Stomach Rupture
C26.062.....Amputation, Traumatic
C26.088.....Arm Injuries
C26.088.268.....Forearm Injuries
C26.088.268.556.....Radius Fractures
C26.088.268.807.....Ulna Fractures
C26.088.390.....Humeral Fractures
C26.088.890.....Tennis Elbow
C26.088.906.....Wrist Injuries
C26.103.....Asphyxia
C26.115.....Athletic Injuries
C26.117.....Back Injuries
C26.117.500.....Spinal Injuries
C26.117.500.500.....Spinal Fractures
C26.120.....Barotrauma
C26.120.126.....Blast Injuries
C26.120.248.....Decompression Sickness
C26.130.....Battered Child Syndrome
C26.141.....Birth Injuries
C26.141.587.....Paralysis, Obstetric
C26.176.....Bites and Stings
C26.176.071.....Bites, Human
C26.176.143.....Insect Bites and Stings
C26.176.443.....Scorpion Stings
C26.176.724.....Snake Bites
C26.176.790.....Spider Bites
C26.176.793.....Tick Bites
C26.200.....Burns
C26.200.156.....Burns, Chemical
C26.200.239.....Burns, Electric
C26.200.322.....Burns, Inhalation
C26.200.322.800.....Smoke Inhalation Injury
C26.200.503.....Eye Burns

## 2018 MeSH Tree Hierarchy

Tree location
C26.200.855.....Sunburn
C26.212.....Cold Injury
C26.212.500.....Frostbite
C26.212.500.217.....Chilblains
C26.224.....Contrecoup Injury
C26.257.....Crush Injuries
C26.257.500.....Crush Syndrome
C26.289.....Joint Dislocations
C26.289.192.....Diastasis, Bone
C26.289.192.500.....Pubic Symphysis Diastasis
C26.289.288.....Diastasis, Muscle
C26.289.336.....Fracture Dislocation
C26.289.336.500.....Colles' Fracture
C26.289.336.750.....Monteggia's Fracture
C26.289.336.875.....Salter-Harris Fractures
C26.289.384.....Hip Dislocation
C26.289.500.....Knee Dislocation
C26.289.625.....Patellar Dislocation
C26.289.750.....Shoulder Dislocation
C26.304.....Drowning
C26.304.500.....Near Drowning
C26.324.....Electric Injuries
C26.324.323.....Burns, Electric
C26.324.436.....Conducted Energy Weapon Injuries
C26.324.550.....Lightning Injuries
C26.348.....Esophageal Perforation
C26.371.....Extravasation of Diagnostic and Therapeutic Materials
C26.392.....Foreign Bodies
C26.392.183.....Bezoars
C26.392.421.....Eye Foreign Bodies
C26.392.500.....Foreign-Body Migration
C26.392.500.249.....Artificial Lens Implant Migration
C26.392.500.500.....Intrauterine Device Migration
C26.392.560.....Foreign-Body Reaction
C26.392.560.325.....Granuloma, Foreign-Body
C26.404.....Fractures, Bone
C26.404.014.....Ankle Fractures
C26.404.026.....Fracture Dislocation
C26.404.026.500.....Salter-Harris Fractures
C26.404.038.....Fractures, Avulsion
C26.404.061.....Femoral Fractures

## 2018 MeSH Tree Hierarchy

Tree location
C26.404.061.425.....Hip Fractures
C26.404.061.425.500.....Femoral Neck Fractures
C26.404.124.....Fractures, Closed
C26.404.186.....Fractures, Comminuted
C26.404.195.....Fractures, Compression
C26.404.249.....Fractures, Malunited
C26.404.280.....Fractures, Multiple
C26.404.311.....Fractures, Open
C26.404.374.....Fractures, Spontaneous
C26.404.437.....Fractures, Stress
C26.404.468.....Fractures, Ununited
C26.404.468.627.....Pseudarthrosis
C26.404.500.....Humeral Fractures
C26.404.505.....Intra-Articular Fractures
C26.404.545.....Osteoporotic Fractures
C26.404.550.....Periprosthetic Fractures
C26.404.562.....Radius Fractures
C26.404.562.356.....Colles' Fracture
C26.404.593.....Rib Fractures
C26.404.625.....Shoulder Fractures
C26.404.625.500.....Bankart Lesions
C26.404.750.....Skull Fractures
C26.404.750.467.....Jaw Fractures
C26.404.750.467.441.....Mandibular Fractures
C26.404.750.467.611.....Maxillary Fractures
C26.404.750.684.....Orbital Fractures
C26.404.750.821.....Skull Fracture, Basilar
C26.404.750.890.....Skull Fracture, Depressed
C26.404.750.959.....Zygomatic Fractures
C26.404.812.....Spinal Fractures
C26.404.875.....Tibial Fractures
C26.404.937.....Ulna Fractures
C26.404.937.547.....Monteggia's Fracture
C26.411.....Fractures, Cartilage
C26.417.....Frostbite
C26.417.217.....Chilblains
C26.448.....Hand Injuries
C26.448.429.....Finger Injuries
C26.522.....Heat Stress Disorders
C26.522.250.....Heat Exhaustion
C26.522.500.....Heat Stroke

## 2018 MeSH Tree Hierarchy

Tree location
C26.522.500.500.....Sunstroke
C26.531.....Hip Injuries
C26.531.500.....Hip Dislocation
C26.531.750.....Hip Fractures
C26.531.750.500.....Femoral Neck Fractures
C26.540.....Lacerations
C26.558.....Leg Injuries
C26.558.100.....Ankle Injuries
C26.558.276.....Femoral Fractures
C26.558.276.425.....Hip Fractures
C26.558.276.425.500.....Femoral Neck Fractures
C26.558.300.....Foot Injuries
C26.558.300.500.....Hallux Limitus
C26.558.554.....Knee Injuries
C26.558.554.213.....Anterior Cruciate Ligament Injuries
C26.558.554.425.....Iliotibial Band Syndrome
C26.558.554.500.....Knee Dislocation
C26.558.554.750.....Patellar Dislocation
C26.558.705.....Medial Tibial Stress Syndrome
C26.558.781.....Tibial Meniscus Injuries
C26.558.857.....Tibial Fractures
C26.599.....Microtrauma, Physical
C26.640.....Multiple Trauma
C26.640.500.....Fractures, Multiple
C26.670.....Nasal Septal Perforation
C26.700.....Neck Injuries
C26.700.500.....Whiplash Injuries
C26.716.....Occupational Injuries
C26.733.....Radiation Injuries
C26.733.031.....Abnormalities, Radiation-Induced
C26.733.188.....Acute Radiation Syndrome
C26.733.266.....Cardiotoxicity
C26.733.345.....Leukemia, Radiation-Induced
C26.733.476.....Neoplasms, Radiation-Induced
C26.733.579.....Osteoradionecrosis
C26.733.720.....Radiation Injuries, Experimental
C26.733.762.....Radiation Pneumonitis
C26.733.804.....Radiodermatitis
C26.748.....Retropneumoperitoneum
C26.761.....Rupture
C26.761.125.....Aortic Rupture



## 2018 MeSH Tree Hierarchy

Tree location
C26.761.340.....Rotator Cuff Injuries
C26.761.555.....Splenic Rupture
C26.761.555.500.....Splenosis
C26.761.684.....Stomach Rupture
C26.761.853.....Uterine Rupture
C26.761.853.500.....Uterine Perforation
C26.780.....Self Mutilation
C26.797.....Shock, Traumatic
C26.797.240.....Crush Syndrome
C26.803.....Shoulder Injuries
C26.803.063.....Rotator Cuff Injuries
C26.803.125.....Shoulder Dislocation
C26.803.250.....Shoulder Fractures
C26.803.250.500.....Bankart Lesions
C26.803.500.....Shoulder Impingement Syndrome
C26.808.....Soft Tissue Injuries
C26.808.500.....Degloving Injuries
C26.819.....Spinal Cord Injuries
C26.819.339.....Central Cord Syndrome
C26.819.678.....Spinal Cord Compression
C26.844.....Sprains and Strains
C26.844.150.....Cumulative Trauma Disorders
C26.844.150.206.....Carpal Tunnel Syndrome
C26.844.150.425.....Iliotibial Band Syndrome
C26.844.150.957.....Ulnar Nerve Compression Syndromes
C26.844.150.957.200.....Cubital Tunnel Syndrome
C26.859.....Surgical Wound
C26.874.....Tendon Injuries
C26.874.400.....Rotator Cuff Injuries
C26.874.800.....Tendinopathy
C26.874.800.500.....Elbow Tendinopathy
C26.874.800.500.500.....Tennis Elbow
C26.874.800.750.....Enthesopathy
C26.891.....Thoracic Injuries
C26.891.315.....Flail Chest
C26.891.375.....Heart Injuries
C26.891.375.750.....Myocardial Contusions
C26.891.375.750.500.....Comotio Cordis
C26.891.554.....Lung Injury
C26.891.733.....Rib Fractures
C26.900.....Tooth Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C26.900.725.....Tooth Avulsion
C26.900.750.....Tooth Fractures
C26.900.750.300.....Cracked Tooth Syndrome
C26.915.....Trauma, Nervous System
C26.915.200.....Cerebrovascular Trauma
C26.915.200.200.....Carotid Artery Injuries
C26.915.200.200.500.....Carotid Artery, Internal, Dissection
C26.915.200.200.550.....Carotid-Cavernous Sinus Fistula
C26.915.200.600.....Vertebral Artery Dissection
C26.915.300.....Craniocerebral Trauma
C26.915.300.200.....Brain Injuries
C26.915.300.200.175.....Brain Hemorrhage, Traumatic
C26.915.300.200.175.200.....Brain Stem Hemorrhage, Traumatic
C26.915.300.200.175.300.....Cerebral Hemorrhage, Traumatic
C26.915.300.200.188.....Brain Injuries, Diffuse
C26.915.300.200.188.500.....Diffuse Axonal Injury
C26.915.300.200.194.....Brain Injuries, Traumatic
C26.915.300.200.194.250.....Brain Concussion
C26.915.300.200.194.375.....Brain Contusion
C26.915.300.200.194.500.....Chronic Traumatic Encephalopathy
C26.915.300.200.200.....Brain Injury, Chronic
C26.915.300.200.200.500.....Chronic Traumatic Encephalopathy
C26.915.300.200.475.....Epilepsy, Post-Traumatic
C26.915.300.200.650.....Pneumocephalus
C26.915.300.200.825.....Shaken Baby Syndrome
C26.915.300.225.....Cerebrospinal Fluid Leak
C26.915.300.225.500.....Cerebrospinal Fluid Otorrhea
C26.915.300.225.750.....Cerebrospinal Fluid Rhinorrhea
C26.915.300.350.....Coma, Post-Head Injury
C26.915.300.400.....Cranial Nerve Injuries
C26.915.300.400.100.....Abducens Nerve Injury
C26.915.300.400.200.....Accessory Nerve Injuries
C26.915.300.400.300.....Facial Nerve Injuries
C26.915.300.400.343.....Glossopharyngeal Nerve Injuries
C26.915.300.400.387.....Hypoglossal Nerve Injuries
C26.915.300.400.518.....Oculomotor Nerve Injuries
C26.915.300.400.562.....Olfactory Nerve Injuries
C26.915.300.400.650.....Optic Nerve Injuries
C26.915.300.400.825.....Trigeminal Nerve Injuries
C26.915.300.400.825.500.....Lingual Nerve Injuries
C26.915.300.400.868.....Trochlear Nerve Injuries

## 2018 MeSH Tree Hierarchy

Tree location
C26.915.300.400.912.....Vagus Nerve Injuries
C26.915.300.400.912.750.....Laryngeal Nerve Injuries
C26.915.300.400.912.750.500.....Recurrent Laryngeal Nerve Injuries
C26.915.300.400.956.....Vestibulocochlear Nerve Injuries
C26.915.300.425.....Facial Injuries
C26.915.300.425.250.....Eye Injuries
C26.915.300.425.250.124.....Corneal Injuries
C26.915.300.425.250.124.500.....Corneal Perforation
C26.915.300.425.250.250.....Eye Burns
C26.915.300.425.250.260.....Eye Foreign Bodies
C26.915.300.425.250.270.....Eye Injuries, Penetrating
C26.915.300.425.500.....Maxillofacial Injuries
C26.915.300.425.500.400.....Jaw Fractures
C26.915.300.425.500.400.255.....Mandibular Fractures
C26.915.300.425.500.400.510.....Maxillary Fractures
C26.915.300.425.500.500.....Mandibular Injuries
C26.915.300.425.500.550.....Orbital Fractures
C26.915.300.425.500.950.....Zygomatic Fractures
C26.915.300.450.....Head Injuries, Closed
C26.915.300.450.500.....Brain Concussion
C26.915.300.450.500.250.....Contrecoup Injury
C26.915.300.450.500.500.....Post-Concussion Syndrome
C26.915.300.475.....Head Injuries, Penetrating
C26.915.300.490.....Intracranial Hemorrhage, Traumatic
C26.915.300.490.150.....Brain Hemorrhage, Traumatic
C26.915.300.490.150.200.....Brain Stem Hemorrhage, Traumatic
C26.915.300.490.150.300.....Cerebral Hemorrhage, Traumatic
C26.915.300.490.400.....Hematoma, Epidural, Cranial
C26.915.300.490.450.....Hematoma, Subdural
C26.915.300.490.450.050.....Hematoma, Subdural, Acute
C26.915.300.490.450.120.....Hematoma, Subdural, Chronic
C26.915.300.490.450.400.....Hematoma, Subdural, Intracranial
C26.915.300.490.700.....Subarachnoid Hemorrhage, Traumatic
C26.915.300.745.....Skull Fractures
C26.915.300.745.300.....Skull Fracture, Basilar
C26.915.300.745.350.....Skull Fracture, Depressed
C26.915.650.....Peripheral Nerve Injuries
C26.930.....Tympanic Membrane Perforation
C26.940.....Vascular System Injuries
C26.946.....War-Related Injuries
C26.974.....Wounds, Nonpenetrating

## 2018 MeSH Tree Hierarchy

Tree location
C26.974.250.....Contusions
C26.974.250.500.....Brain Contusion
C26.974.250.875.....Myocardial Contusions
C26.974.250.875.500.....Commotio Cordis
C26.974.382.....Head Injuries, Closed
C26.974.382.200.....Brain Concussion
C26.974.382.200.250.....Contrecoup Injury
C26.974.382.200.500.....Post-Concussion Syndrome
C26.986.....Wounds, Penetrating
C26.986.111.....Corpse Dismemberment
C26.986.224.....Decapitation
C26.986.450.....Eye Injuries, Penetrating
C26.986.500.....Head Injuries, Penetrating
C26.986.900.....Wounds, Gunshot
C26.986.950.....Wounds, Stab
C26.986.950.500.....Needlestick Injuries
D01.....Inorganic Chemicals
D01.029.....Acids
D01.029.260.....Acids, Noncarboxylic
D01.029.260.093.....Boric Acids
D01.029.260.100.....Borinic Acids
D01.029.260.110.....Boronic Acids
D01.029.260.110.500.....Bortezomib
D01.029.260.150.....Carbonic Acid
D01.029.260.300.....Hydrobromic Acid
D01.029.260.326.....Hydrochloric Acid
D01.029.260.328.....Hydrofluoric Acid
D01.029.260.330.....Hydrogen Cyanide
D01.029.260.340.....Hydrogen Sulfide
D01.029.260.365.....Hypochlorous Acid
D01.029.260.550.....Nitric Acid
D01.029.260.575.....Nitrous Acid
D01.029.260.650.....Perchlorates
D01.029.260.675.....Periodic Acid
D01.029.260.700.....Phosphorus Acids
D01.029.260.700.600.....Phosphinic Acids
D01.029.260.700.675.....Phosphoric Acids
D01.029.260.700.675.374.....Phosphates
D01.029.260.700.675.374.025.....Acidulated Phosphate Fluoride
D01.029.260.700.675.374.075.....Calcium Phosphates
D01.029.260.700.675.374.075.025.....Apatites

## 2018 MeSH Tree Hierarchy

Tree location
D01.029.260.700.675.374.075.025.300.....Hydroxyapatites
D01.029.260.700.675.374.075.025.300.150.....Durapatite
D01.029.260.700.675.374.075.150.....Calcium Pyrophosphate
D01.029.260.700.675.374.425.....Phosphoramides
D01.029.260.700.675.374.775.....Polyphosphates
D01.029.260.700.675.374.775.150.....Diphosphates
D01.029.260.700.675.374.775.150.150.....Calcium Pyrophosphate
D01.029.260.700.675.374.775.150.900.....Technetium Tc 99m Pyrophosphate
D01.029.260.700.675.374.775.950.....Tin Polyphosphates
D01.029.260.700.675.374.887.....Struvite
D01.029.260.700.675.750.....Phosphotungstic Acid
D01.029.260.700.700.....Phosphorous Acids
D01.029.260.863.....Silicic Acid
D01.029.260.877.....Sulfur Acids
D01.029.260.877.700.....Sulfinic Acids
D01.029.260.877.740.....Sulfonic Acids
D01.029.260.877.740.900.....Thiosulfonic Acids
D01.029.260.877.800.....Sulfuric Acids
D01.029.260.877.800.900.....Tetrathionic Acid
D01.029.630.....Lewis Acids
D01.045.....Alkalies
D01.045.125.....Carbonates
D01.045.125.500.....Lithium Carbonate
D01.045.250.....Hydroxides
D01.045.250.050.....Aluminum Hydroxide
D01.045.250.225.....Ammonium Hydroxide
D01.045.250.313.....Calcium Hydroxide
D01.045.250.357.....Hydroxyl Radical
D01.045.250.400.....Lye
D01.045.250.575.....Magnesium Hydroxide
D01.045.250.750.....Sodium Hydroxide
D01.045.250.875.....Water
D01.045.250.875.200.....Deuterium Oxide
D01.045.250.875.300.....Drinking Water
D01.045.250.875.400.....Ice
D01.045.250.875.600.....Mineral Waters
D01.045.250.875.600.500.....Carbonated Water
D01.045.250.875.800.....Steam
D01.045.625.....Lewis Bases
D01.056.....Aluminum Compounds
D01.056.025.....Alum Compounds

## 2018 MeSH Tree Hierarchy

Tree location
D01.056.037.....Aluminum Hydroxide
D01.056.050.....Aluminum Oxide
D01.056.050.075.....Aluminum Silicates
D01.056.050.075.100.....Bentonite
D01.056.050.075.350.....Kaolin
D01.056.050.075.975.....Zeolites
D01.075.....Arsenicals
D01.075.025.....Arsenates
D01.075.050.....Arsenites
D01.103.....Barium Compounds
D01.103.075.....Barium Sulfate
D01.132.....Boron Compounds
D01.132.105.....Boranes
D01.132.105.050.....Borohydrides
D01.132.250.....Boric Acids
D01.132.250.075.....Borates
D01.132.275.....Borinic Acids
D01.132.285.....Boronic Acids
D01.132.285.500.....Bortezomib
D01.139.....Bromine Compounds
D01.139.100.....Bromates
D01.139.300.....Hydrobromic Acid
D01.139.300.050.....Bromides
D01.139.300.050.100.....Cyanogen Bromide
D01.142.....Cadmium Compounds
D01.142.175.....Cadmium Chloride
D01.146.....Calcium Compounds
D01.146.275.....Calcium Carbonate
D01.146.275.500.....Nacre
D01.146.300.....Calcium Chloride
D01.146.307.....Calcium Citrate
D01.146.315.....Calcium, Dietary
D01.146.325.....Calcium Fluoride
D01.146.335.....Calcium Hydroxide
D01.146.360.....Calcium Phosphates
D01.146.360.050.....Apatites
D01.146.360.050.300.....Hydroxyapatites
D01.146.360.050.300.200.....Durapatite
D01.146.360.150.....Calcium Pyrophosphate
D01.146.375.....Calcium Sulfate
D01.200.....Carbon Compounds, Inorganic

## 2018 MeSH Tree Hierarchy

Tree location
D01.200.200.....Carbon Dioxide
D01.200.200.250.....Dry Ice
D01.200.210.....Carbon Disulfide
D01.200.250.....Carbon Monoxide
D01.200.275.....Carbonic Acid
D01.200.275.150.....Carbonates
D01.200.275.150.100.....Bicarbonates
D01.200.275.150.100.800.....Sodium Bicarbonate
D01.200.275.150.150.....Calcium Carbonate
D01.200.275.150.150.500.....Nacre
D01.200.275.150.550.....Lithium Carbonate
D01.210.....Chlorine Compounds
D01.210.150.....Chloramines
D01.210.300.....Chlorates
D01.210.375.....Cisplatin
D01.210.450.....Hydrochloric Acid
D01.210.450.150.....Chlorides
D01.210.450.150.050.....Ammonium Chloride
D01.210.450.150.125.....Cadmium Chloride
D01.210.450.150.150.....Calcium Chloride
D01.210.450.150.450.....Lithium Chloride
D01.210.450.150.500.....Magnesium Chloride
D01.210.450.150.525.....Mercuric Chloride
D01.210.450.150.750.....Potassium Chloride
D01.210.450.150.875.....Sodium Chloride
D01.210.465.....Hypochlorous Acid
D01.210.465.800.....Sodium Hypochlorite
D01.210.675.....Perchlorates
D01.210.837.....Ruthenium Red
D01.220.....Chromium Compounds
D01.220.150.....Chromates
D01.220.150.650.....Potassium Dichromate
D01.220.175.....Chromium Alloys
D01.220.175.950.....Vitallium
D01.234.....Coordination Complexes
D01.248.....Electrolytes
D01.248.249.....Polyelectrolytes
D01.248.497.....Ions
D01.248.497.158.....Anions
D01.248.497.158.050.....Arsenates
D01.248.497.158.055.....Arsenites

## 2018 MeSH Tree Hierarchy

Tree location	
D01.248.497.158.076.....	Borates
D01.248.497.158.100.....	Bromates
D01.248.497.158.125.....	Bromides
D01.248.497.158.165.....	Carbonates
D01.248.497.158.165.100.....	Bicarbonates
D01.248.497.158.190.....	Chlorates
D01.248.497.158.215.....	Chlorides
D01.248.497.158.235.....	Chromates
D01.248.497.158.291.....	Cyanides
D01.248.497.158.291.350.....	Ferricyanides
D01.248.497.158.291.350.550.....	Nitroprusside
D01.248.497.158.291.370.....	Ferrocyanides
D01.248.497.158.380.....	Fluorides
D01.248.497.158.459.....	Hydroxides
D01.248.497.158.459.075.....	Aluminum Hydroxide
D01.248.497.158.459.113.....	Ammonium Hydroxide
D01.248.497.158.459.150.....	Calcium Hydroxide
D01.248.497.158.459.300.....	Hydroxyl Radical
D01.248.497.158.459.344.....	Lye
D01.248.497.158.459.388.....	Magnesium Hydroxide
D01.248.497.158.459.475.....	Sodium Hydroxide
D01.248.497.158.459.650.....	Water
D01.248.497.158.459.650.200.....	Deuterium Oxide
D01.248.497.158.459.650.300.....	Drinking Water
D01.248.497.158.459.650.400.....	Ice
D01.248.497.158.459.650.600.....	Mineral Waters
D01.248.497.158.459.650.600.500.....	Carbonated Water
D01.248.497.158.459.650.800.....	Steam
D01.248.497.158.480.....	Iodates
D01.248.497.158.490.....	Iodides
D01.248.497.158.606.....	Nitrates
D01.248.497.158.635.....	Nitrites
D01.248.497.158.685.....	Oxides
D01.248.497.158.685.750.....	Peroxides
D01.248.497.158.685.750.212.....	Artemisinins
D01.248.497.158.685.750.424.....	Hydrogen Peroxide
D01.248.497.158.685.750.637.....	Lipid Peroxides
D01.248.497.158.685.750.744.....	Prostaglandin Endoperoxides
D01.248.497.158.685.750.744.600.....	Prostaglandins G
D01.248.497.158.685.750.744.650.....	Prostaglandins H
D01.248.497.158.685.750.744.650.500.....	Prostaglandin H2



## 2018 MeSH Tree Hierarchy

Tree location	
D01.248.497.158.685.750.744.650.500.500.....	15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D01.248.497.158.685.750.850.....	Superoxides
D01.248.497.158.685.750.925.....	tert-Butylhydroperoxide
D01.248.497.158.685.750.962.....	Tetraoxanes
D01.248.497.158.730.....	Phosphates
D01.248.497.158.730.650.....	Polyphosphates
D01.248.497.158.730.650.200.....	Diphosphates
D01.248.497.158.750.....	Phosphites
D01.248.497.158.845.....	Sulfates
D01.248.497.158.845.703.....	Thiosulfates
D01.248.497.158.874.....	Sulfides
D01.248.497.158.874.390.....	Disulfides
D01.248.497.158.874.390.369.....	Cystine
D01.248.497.158.904.....	Sulfites
D01.248.497.158.904.150.....	Dithionite
D01.248.497.158.952.....	Vanadates
D01.248.497.300.....	Cations
D01.248.497.300.333.....	Cations, Divalent
D01.248.497.300.459.....	Cations, Monovalent
D01.248.497.300.459.700.....	Protons
D01.268.....	Elements
D01.268.150.....	Carbon
D01.268.150.075.....	Carbon Isotopes
D01.268.150.075.328.....	Carbon Radioisotopes
D01.268.150.150.....	Charcoal
D01.268.150.200.....	Diamond
D01.268.150.200.550.....	Nanodiamonds
D01.268.150.250.....	Fullerenes
D01.268.150.250.500.....	Nanotubes, Carbon
D01.268.150.300.....	Graphite
D01.268.185.....	Chalcogens
D01.268.185.550.....	Oxygen
D01.268.185.550.500.....	Oxygen Isotopes
D01.268.185.550.500.600.....	Oxygen Radioisotopes
D01.268.185.600.....	Polonium
D01.268.185.850.....	Selenium
D01.268.185.900.....	Sulfur
D01.268.185.900.500.....	Sulfur Isotopes
D01.268.185.900.500.690.....	Sulfur Radioisotopes
D01.268.185.950.....	Tellurium
D01.268.271.....	Elements, Radioactive

## 2018 MeSH Tree Hierarchy

Tree location
D01.268.271.100.....Actinoid Series Elements
D01.268.271.100.033.....Actinium
D01.268.271.100.050.....Americium
D01.268.271.100.100.....Berkelium
D01.268.271.100.150.....Californium
D01.268.271.100.175.....Curium
D01.268.271.100.250.....Einsteinium
D01.268.271.100.275.....Fermium
D01.268.271.100.500.....Lawrencium
D01.268.271.100.525.....Mendelevium
D01.268.271.100.550.....Neptunium
D01.268.271.100.575.....Nobelium
D01.268.271.100.700.....Plutonium
D01.268.271.100.725.....Protactinium
D01.268.271.100.900.....Thorium
D01.268.271.100.950.....Uranium
D01.268.271.110.....Astatine
D01.268.271.245.....Bismuth
D01.268.271.380.....Francium
D01.268.271.680.....Polonium
D01.268.271.720.....Promethium
D01.268.271.770.....Radium
D01.268.271.800.....Radon
D01.268.271.800.800.....Radon Daughters
D01.268.271.870.....Technetium
D01.268.271.935.....Transactinide Series Elements
D01.268.380.....Halogens
D01.268.380.075.....Astatine
D01.268.380.112.....Bromine
D01.268.380.150.....Chlorine
D01.268.380.300.....Fluorine
D01.268.380.400.....Iodine
D01.268.380.400.500.....Iodine Isotopes
D01.268.380.400.500.496.....Iodine Radioisotopes
D01.268.406.....Hydrogen
D01.268.406.500.....Deuterium
D01.268.406.500.250.....Deuterium Oxide
D01.268.406.750.....Protons
D01.268.406.875.....Tritium
D01.268.513.....Metalloids
D01.268.513.124.....Antimony

## 2018 MeSH Tree Hierarchy

Tree location
D01.268.513.249.....Arsenic
D01.268.513.500.....Boron
D01.268.513.750.....Germanium
D01.268.513.875.....Polonium
D01.268.513.937.....Silicon
D01.268.513.968.....Tellurium
D01.268.549.....Metals, Alkali
D01.268.549.125.....Cesium
D01.268.549.125.500.....Cesium Isotopes
D01.268.549.125.500.300.....Cesium Radioisotopes
D01.268.549.250.....Francium
D01.268.549.450.....Lithium
D01.268.549.550.....Potassium
D01.268.549.550.500.....Potassium Isotopes
D01.268.549.550.500.700.....Potassium Radioisotopes
D01.268.549.650.....Rubidium
D01.268.549.750.....Sodium
D01.268.549.750.500.....Sodium Isotopes
D01.268.549.750.500.800.....Sodium Radioisotopes
D01.268.552.....Metals, Alkaline Earth
D01.268.552.050.....Barium
D01.268.552.075.....Beryllium
D01.268.552.100.....Calcium
D01.268.552.100.500.....Calcium Isotopes
D01.268.552.100.500.325.....Calcium Radioisotopes
D01.268.552.437.....Magnesium
D01.268.552.775.....Radium
D01.268.552.850.....Strontium
D01.268.552.850.500.....Strontium Isotopes
D01.268.552.850.500.685.....Strontium Radioisotopes
D01.268.556.....Metals, Heavy
D01.268.556.025.....Actinium
D01.268.556.037.....Americium
D01.268.556.050.....Antimony
D01.268.556.062.....Barium
D01.268.556.075.....Berkelium
D01.268.556.100.....Bismuth
D01.268.556.137.....Cadmium
D01.268.556.156.....Californium
D01.268.556.165.....Cesium
D01.268.556.165.500.....Cesium Isotopes

## 2018 MeSH Tree Hierarchy

Tree location	
D01.268.556.165.500.300.....	Cesium Radioisotopes
D01.268.556.175.....	Chromium
D01.268.556.175.500.....	Chromium Isotopes
D01.268.556.175.500.349.....	Chromium Radioisotopes
D01.268.556.185.....	Cobalt
D01.268.556.185.500.....	Cobalt Isotopes
D01.268.556.185.500.354.....	Cobalt Radioisotopes
D01.268.556.195.....	Copper
D01.268.556.200.....	Curium
D01.268.556.244.....	Einsteinium
D01.268.556.266.....	Fermium
D01.268.556.277.....	Francium
D01.268.556.289.....	Gallium
D01.268.556.289.500.....	Gallium Isotopes
D01.268.556.289.500.400.....	Gallium Radioisotopes
D01.268.556.305.....	Germanium
D01.268.556.322.....	Gold
D01.268.556.322.500.....	Gold Isotopes
D01.268.556.322.500.550.....	Gold Radioisotopes
D01.268.556.322.500.550.400.....	Gold Colloid, Radioactive
D01.268.556.337.....	Hafnium
D01.268.556.381.....	Indium
D01.268.556.401.....	Iridium
D01.268.556.412.....	Iron
D01.268.556.412.500.....	Iron Isotopes
D01.268.556.412.500.498.....	Iron Radioisotopes
D01.268.556.423.....	Lawrencium
D01.268.556.435.....	Lead
D01.268.556.484.....	Manganese
D01.268.556.494.....	Mendelevium
D01.268.556.504.....	Mercury
D01.268.556.504.500.....	Mercury Isotopes
D01.268.556.504.500.500.....	Mercury Radioisotopes
D01.268.556.555.....	Molybdenum
D01.268.556.600.....	Neptunium
D01.268.556.607.....	Nickel
D01.268.556.615.....	Niobium
D01.268.556.620.....	Nobelium
D01.268.556.660.....	Osmium
D01.268.556.680.....	Palladium
D01.268.556.690.....	Platinum

## 2018 MeSH Tree Hierarchy

Tree location
D01.268.556.700.....Plutonium
D01.268.556.750.....Protactinium
D01.268.556.775.....Radium
D01.268.556.787.....Rhenium
D01.268.556.793.....Rhodium
D01.268.556.800.....Rubidium
D01.268.556.805.....Ruthenium
D01.268.556.812.....Silver
D01.268.556.825.....Strontium
D01.268.556.825.500.....Strontium Isotopes
D01.268.556.825.500.685.....Strontium Radioisotopes
D01.268.556.837.....Tantalum
D01.268.556.843.....Technetium
D01.268.556.847.....Thallium
D01.268.556.850.....Thorium
D01.268.556.875.....Tin
D01.268.556.887.....Tungsten
D01.268.556.900.....Uranium
D01.268.556.920.....Vanadium
D01.268.556.940.....Zinc
D01.268.556.940.500.....Zinc Isotopes
D01.268.556.940.500.800.....Zinc Radioisotopes
D01.268.556.950.....Zirconium
D01.268.557.....Metals, Light
D01.268.557.050.....Aluminum
D01.268.557.080.....Beryllium
D01.268.557.290.....Lithium
D01.268.557.500.....Magnesium
D01.268.557.575.....Potassium
D01.268.557.575.500.....Potassium Isotopes
D01.268.557.575.500.700.....Potassium Radioisotopes
D01.268.557.650.....Sodium
D01.268.557.650.500.....Sodium Isotopes
D01.268.557.650.500.800.....Sodium Radioisotopes
D01.268.557.800.....Titanium
D01.268.558.....Metals, Rare Earth
D01.268.558.362.....Lanthanoid Series Elements
D01.268.558.362.249.....Cerium
D01.268.558.362.249.500.....Cerium Isotopes
D01.268.558.362.249.500.300.....Cerium Radioisotopes
D01.268.558.362.374.....Dysprosium

## 2018 MeSH Tree Hierarchy

Tree location
D01.268.558.362.437.....Erbium
D01.268.558.362.468.....Europium
D01.268.558.362.484.....Gadolinium
D01.268.558.362.492.....Holmium
D01.268.558.362.500.....Lanthanum
D01.268.558.362.562.....Lutetium
D01.268.558.362.625.....Neodymium
D01.268.558.362.750.....Praseodymium
D01.268.558.362.875.....Promethium
D01.268.558.362.937.....Samarium
D01.268.558.362.968.....Terbium
D01.268.558.362.984.....Thulium
D01.268.558.362.992.....Ytterbium
D01.268.558.800.....Scandium
D01.268.558.975.....Yttrium
D01.268.558.975.500.....Yttrium Isotopes
D01.268.558.975.500.800.....Yttrium Radioisotopes
D01.268.604.....Nitrogen
D01.268.604.500.....Nitrogen Isotopes
D01.268.604.500.520.....Nitrogen Radioisotopes
D01.268.613.....Noble Gases
D01.268.613.050.....Argon
D01.268.613.350.....Helium
D01.268.613.425.....Krypton
D01.268.613.600.....Neon
D01.268.613.700.....Radon
D01.268.613.700.500.....Radon Daughters
D01.268.613.900.....Xenon
D01.268.613.900.500.....Xenon Isotopes
D01.268.613.900.500.700.....Xenon Radioisotopes
D01.268.666.....Phosphorus
D01.268.666.500.....Phosphorus Isotopes
D01.268.666.500.604.....Phosphorus Radioisotopes
D01.268.956.....Transition Elements
D01.268.956.061.....Cadmium
D01.268.956.124.....Chromium
D01.268.956.124.500.....Chromium Isotopes
D01.268.956.124.500.349.....Chromium Radioisotopes
D01.268.956.155.....Cobalt
D01.268.956.155.500.....Cobalt Isotopes
D01.268.956.155.500.354.....Cobalt Radioisotopes

## 2018 MeSH Tree Hierarchy

Tree location
D01.268.956.170.....Copper
D01.268.956.186.....Gold
D01.268.956.186.500.....Gold Isotopes
D01.268.956.186.500.550.....Gold Radioisotopes
D01.268.956.186.500.550.400.....Gold Colloid, Radioactive
D01.268.956.249.....Hafnium
D01.268.956.280.....Iridium
D01.268.956.287.....Iron
D01.268.956.287.500.....Iron Isotopes
D01.268.956.287.500.498.....Iron Radioisotopes
D01.268.956.295.....Lawrencium
D01.268.956.311.....Lutetium
D01.268.956.374.....Manganese
D01.268.956.437.....Mercury
D01.268.956.437.500.....Mercury Isotopes
D01.268.956.437.500.500.....Mercury Radioisotopes
D01.268.956.500.....Molybdenum
D01.268.956.625.....Nickel
D01.268.956.687.....Niobium
D01.268.956.702.....Osmium
D01.268.956.718.....Palladium
D01.268.956.734.....Platinum
D01.268.956.750.....Rhenium
D01.268.956.781.....Rhodium
D01.268.956.812.....Ruthenium
D01.268.956.827.....Scandium
D01.268.956.843.....Silver
D01.268.956.859.....Tantalum
D01.268.956.875.....Technetium
D01.268.956.878.....Titanium
D01.268.956.882.....Tungsten
D01.268.956.886.....Vanadium
D01.268.956.890.....Yttrium
D01.268.956.890.500.....Yttrium Isotopes
D01.268.956.890.500.800.....Yttrium Radioisotopes
D01.268.956.906.....Zinc
D01.268.956.906.500.....Zinc Isotopes
D01.268.956.906.500.800.....Zinc Radioisotopes
D01.268.956.937.....Zirconium
D01.303.....Fluorine Compounds
D01.303.350.....Hydrofluoric Acid

## 2018 MeSH Tree Hierarchy

Tree location
D01.303.350.300.....Fluorides
D01.303.350.300.150.....Calcium Fluoride
D01.303.350.300.512.....Fluorides, Topical
D01.303.350.300.875.....Sodium Fluoride
D01.303.350.300.875.050.....Acidulated Phosphate Fluoride
D01.303.350.300.900.....Sulfur Hexafluoride
D01.303.350.300.950.....Tin Fluorides
D01.339.....Free Radicals
D01.339.387.....Nitric Oxide
D01.339.431.....Reactive Oxygen Species
D01.339.431.249.....Hydroxyl Radical
D01.339.431.311.....Hypochlorous Acid
D01.339.431.374.....Peroxides
D01.339.431.374.212.....Artemisinins
D01.339.431.374.424.....Hydrogen Peroxide
D01.339.431.374.637.....Lipid Peroxides
D01.339.431.374.744.....Prostaglandin Endoperoxides
D01.339.431.374.744.600.....Prostaglandins G
D01.339.431.374.744.650.....Prostaglandins H
D01.339.431.374.744.650.500.....Prostaglandin H2
D01.339.431.374.744.650.500.500.....15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D01.339.431.374.850.....Superoxides
D01.339.431.374.925.....tert-Butylhydroperoxide
D01.339.431.374.962.....Tetraoxanes
D01.339.431.500.....Singlet Oxygen
D01.362.....Gases
D01.362.075.....Ammonia
D01.362.150.....Carbon Dioxide
D01.362.200.....Carbon Monoxide
D01.362.225.....Chlorine
D01.362.282.....Gasotransmitters
D01.362.311.....Greenhouse Gases
D01.362.340.....Hydrogen
D01.362.340.500.....Deuterium
D01.362.340.500.250.....Deuterium Oxide
D01.362.340.750.....Protons
D01.362.340.875.....Tritium
D01.362.350.....Hydrogen Sulfide
D01.362.625.....Nitrogen
D01.362.625.500.....Nitrogen Isotopes
D01.362.625.500.520.....Nitrogen Radioisotopes



## 2018 MeSH Tree Hierarchy

Tree location	
D01.362.635.....	Nitrogen Oxides
D01.362.635.600.....	Nitrogen Dioxide
D01.362.635.625.....	Nitrous Oxide
D01.362.641.....	Noble Gases
D01.362.641.113.....	Argon
D01.362.641.352.....	Helium
D01.362.641.468.....	Krypton
D01.362.641.592.....	Neon
D01.362.641.745.....	Radon
D01.362.641.745.800.....	Radon Daughters
D01.362.641.918.....	Xenon
D01.362.641.918.500.....	Xenon Isotopes
D01.362.641.918.500.700.....	Xenon Radioisotopes
D01.362.670.....	Oxygen
D01.362.670.300.....	Oxygen Isotopes
D01.362.670.300.600.....	Oxygen Radioisotopes
D01.362.670.600.....	Ozone
D01.362.670.600.500.....	Stratospheric Ozone
D01.362.740.....	Plasma Gases
D01.362.810.....	Sulfur Dioxide
D01.362.820.....	Sulfur Hexafluoride
D01.379.....	Gold Compounds
D01.379.375.....	Gold Alloys
D01.379.400.....	Gold Colloid
D01.379.400.350.....	Gold Colloid, Radioactive
D01.379.425.....	Gold Sodium Thiosulfate
D01.475.....	Iodine Compounds
D01.475.400.....	Iodates
D01.475.410.....	Iodides
D01.475.410.700.....	Potassium Iodide
D01.475.410.800.....	Sodium Iodide
D01.475.557.....	Iodophors
D01.475.557.500.....	Povidone-Iodine
D01.475.705.....	Periodic Acid
D01.490.....	Iron Compounds
D01.490.100.....	Ferric Compounds
D01.490.100.300.....	Ferricyanides
D01.490.100.300.550.....	Nitroprusside
D01.490.100.375.....	Ferrosoferric Oxide
D01.490.100.375.500.....	Magnetite Nanoparticles
D01.490.200.....	Ferrous Compounds

## 2018 MeSH Tree Hierarchy

Tree location
D01.490.200.250.....Ferrocyanides
D01.490.200.350.....Ferrosferric Oxide
D01.490.200.350.500.....Magnetite Nanoparticles
D01.490.500.....Iron Carbonyl Compounds
D01.490.600.....Iron, Dietary
D01.490.800.....Steel
D01.490.800.900.....Stainless Steel
D01.496.....Isotopes
D01.496.098.....Calcium Isotopes
D01.496.098.325.....Calcium Radioisotopes
D01.496.123.....Carbon Isotopes
D01.496.123.328.....Carbon Radioisotopes
D01.496.156.....Cerium Isotopes
D01.496.156.300.....Cerium Radioisotopes
D01.496.180.....Cesium Isotopes
D01.496.180.300.....Cesium Radioisotopes
D01.496.212.....Chromium Isotopes
D01.496.212.349.....Chromium Radioisotopes
D01.496.239.....Cobalt Isotopes
D01.496.239.354.....Cobalt Radioisotopes
D01.496.289.....Deuterium
D01.496.360.....Gallium Isotopes
D01.496.360.400.....Gallium Radioisotopes
D01.496.381.....Gold Isotopes
D01.496.381.550.....Gold Radioisotopes
D01.496.381.550.400.....Gold Colloid, Radioactive
D01.496.448.....Iodine Isotopes
D01.496.448.496.....Iodine Radioisotopes
D01.496.473.....Iron Isotopes
D01.496.473.498.....Iron Radioisotopes
D01.496.532.....Mercury Isotopes
D01.496.532.500.....Mercury Radioisotopes
D01.496.586.....Nitrogen Isotopes
D01.496.586.520.....Nitrogen Radioisotopes
D01.496.625.....Oxygen Isotopes
D01.496.625.600.....Oxygen Radioisotopes
D01.496.669.....Phosphorus Isotopes
D01.496.669.604.....Phosphorus Radioisotopes
D01.496.705.....Potassium Isotopes
D01.496.705.700.....Potassium Radioisotopes
D01.496.749.....Radioisotopes

## 2018 MeSH Tree Hierarchy

Tree location	
D01.496.749.075.....	Barium Radioisotopes
D01.496.749.090.....	Bromine Radioisotopes
D01.496.749.108.....	Cadmium Radioisotopes
D01.496.749.113.....	Calcium Radioisotopes
D01.496.749.154.....	Carbon Radioisotopes
D01.496.749.185.....	Cerium Radioisotopes
D01.496.749.190.....	Cesium Radioisotopes
D01.496.749.213.....	Chromium Radioisotopes
D01.496.749.256.....	Cobalt Radioisotopes
D01.496.749.270.....	Copper Radioisotopes
D01.496.749.305.....	Elements, Radioactive
D01.496.749.305.100.....	Actinoid Series Elements
D01.496.749.305.100.033.....	Actinium
D01.496.749.305.100.050.....	Americium
D01.496.749.305.100.100.....	Berkelium
D01.496.749.305.100.150.....	Californium
D01.496.749.305.100.175.....	Curium
D01.496.749.305.100.250.....	Einsteinium
D01.496.749.305.100.275.....	Fermium
D01.496.749.305.100.500.....	Lawrencium
D01.496.749.305.100.525.....	Mendelevium
D01.496.749.305.100.550.....	Neptunium
D01.496.749.305.100.575.....	Nobelium
D01.496.749.305.100.700.....	Plutonium
D01.496.749.305.100.725.....	Protactinium
D01.496.749.305.100.900.....	Thorium
D01.496.749.305.100.950.....	Uranium
D01.496.749.305.110.....	Astatine
D01.496.749.305.245.....	Bismuth
D01.496.749.305.380.....	Francium
D01.496.749.305.680.....	Polonium
D01.496.749.305.720.....	Promethium
D01.496.749.305.770.....	Radium
D01.496.749.305.800.....	Radon
D01.496.749.305.800.500.....	Radon Daughters
D01.496.749.305.870.....	Technetium
D01.496.749.305.935.....	Transactinide Series Elements
D01.496.749.340.....	Fluorine Radioisotopes
D01.496.749.360.....	Gallium Radioisotopes
D01.496.749.410.....	Gold Radioisotopes
D01.496.749.410.400.....	Gold Colloid, Radioactive

## 2018 MeSH Tree Hierarchy

Tree location
D01.496.749.460.....Indium Radioisotopes
D01.496.749.474.....Iodine Radioisotopes
D01.496.749.500.....Iridium Radioisotopes
D01.496.749.514.....Iron Radioisotopes
D01.496.749.540.....Krypton Radioisotopes
D01.496.749.560.....Lead Radioisotopes
D01.496.749.590.....Mercury Radioisotopes
D01.496.749.615.....Nitrogen Radioisotopes
D01.496.749.635.....Oxygen Radioisotopes
D01.496.749.658.....Phosphorus Radioisotopes
D01.496.749.690.....Potassium Radioisotopes
D01.496.749.731.....Radioactive Tracers
D01.496.749.740.....Rubidium Radioisotopes
D01.496.749.745.....Ruthenium Radioisotopes
D01.496.749.780.....Selenium Radioisotopes
D01.496.749.795.....Sodium Radioisotopes
D01.496.749.815.....Strontium Radioisotopes
D01.496.749.858.....Sulfur Radioisotopes
D01.496.749.900.....Thallium Radioisotopes
D01.496.749.910.....Tin Radioisotopes
D01.496.749.925.....Tritium
D01.496.749.945.....Xenon Radioisotopes
D01.496.749.960.....Yttrium Radioisotopes
D01.496.749.980.....Zinc Radioisotopes
D01.496.807.....Sodium Isotopes
D01.496.807.800.....Sodium Radioisotopes
D01.496.840.....Strontium Isotopes
D01.496.840.685.....Strontium Radioisotopes
D01.496.868.....Sulfur Isotopes
D01.496.868.690.....Sulfur Radioisotopes
D01.496.920.....Xenon Isotopes
D01.496.920.700.....Xenon Radioisotopes
D01.496.943.....Yttrium Isotopes
D01.496.943.800.....Yttrium Radioisotopes
D01.496.966.....Zinc Isotopes
D01.496.966.800.....Zinc Radioisotopes
D01.510.....Lithium Compounds
D01.510.475.....Lithium Carbonate
D01.510.500.....Lithium Chloride
D01.524.....Magnesium Compounds
D01.524.475.....Magnesium Chloride

## 2018 MeSH Tree Hierarchy

Tree location	
D01.524.485.....	Magnesium Hydroxide
D01.524.490.....	Magnesium Oxide
D01.524.500.....	Magnesium Silicates
D01.524.500.040.....	Asbestos, Amosite
D01.524.500.050.....	Asbestos, Serpentine
D01.524.500.850.....	Talc
D01.524.550.....	Magnesium Sulfate
D01.524.775.....	Struvite
D01.530.....	Manganese Compounds
D01.530.700.....	Potassium Permanganate
D01.538.....	Mercury Compounds
D01.538.500.....	Mercuric Chloride
D01.552.....	Metals
D01.552.020.....	Actinoid Series Elements
D01.552.020.042.....	Actinium
D01.552.020.086.....	Americium
D01.552.020.150.....	Berkelium
D01.552.020.200.....	Californium
D01.552.020.272.....	Curium
D01.552.020.337.....	Einsteinium
D01.552.020.394.....	Fermium
D01.552.020.507.....	Lawrencium
D01.552.020.561.....	Mendelevium
D01.552.020.621.....	Neptunium
D01.552.020.659.....	Nobelium
D01.552.020.734.....	Plutonium
D01.552.020.778.....	Protactinium
D01.552.020.889.....	Thorium
D01.552.020.940.....	Uranium
D01.552.033.....	Alloys
D01.552.033.182.....	Chromium Alloys
D01.552.033.182.900.....	Vitallium
D01.552.033.533.....	Gold Alloys
D01.552.033.690.....	Metal Ceramic Alloys
D01.552.033.690.250.....	Cermet Cements
D01.552.033.847.....	Steel
D01.552.033.847.681.....	Stainless Steel
D01.552.528.....	Metals, Alkali
D01.552.528.160.....	Cesium
D01.552.528.160.500.....	Cesium Isotopes
D01.552.528.160.500.300.....	Cesium Radioisotopes

## 2018 MeSH Tree Hierarchy

Tree location
D01.552.528.328.....Francium
D01.552.528.480.....Lithium
D01.552.528.652.....Potassium
D01.552.528.652.500.....Potassium Isotopes
D01.552.528.652.500.700.....Potassium Radioisotopes
D01.552.528.759.....Rubidium
D01.552.528.850.....Sodium
D01.552.528.850.500.....Sodium Isotopes
D01.552.528.850.500.800.....Sodium Radioisotopes
D01.552.539.....Metals, Alkaline Earth
D01.552.539.124.....Barium
D01.552.539.288.....Calcium
D01.552.539.288.500.....Calcium Isotopes
D01.552.539.288.500.325.....Calcium Radioisotopes
D01.552.539.745.....Radium
D01.552.539.861.....Strontium
D01.552.539.861.500.....Strontium Isotopes
D01.552.539.861.500.685.....Strontium Radioisotopes
D01.552.544.....Metals, Heavy
D01.552.544.025.....Actinium
D01.552.544.037.....Americium
D01.552.544.050.....Antimony
D01.552.544.062.....Barium
D01.552.544.075.....Berkelium
D01.552.544.100.....Bismuth
D01.552.544.137.....Cadmium
D01.552.544.156.....Californium
D01.552.544.165.....Cesium
D01.552.544.165.500.....Cesium Isotopes
D01.552.544.165.500.300.....Cesium Radioisotopes
D01.552.544.175.....Chromium
D01.552.544.175.500.....Chromium Isotopes
D01.552.544.175.500.349.....Chromium Radioisotopes
D01.552.544.185.....Cobalt
D01.552.544.185.500.....Cobalt Isotopes
D01.552.544.185.500.354.....Cobalt Radioisotopes
D01.552.544.195.....Copper
D01.552.544.200.....Curium
D01.552.544.244.....Einsteinium
D01.552.544.266.....Fermium
D01.552.544.277.....Francium

## 2018 MeSH Tree Hierarchy

Tree location
D01.552.544.289.....Gallium
D01.552.544.289.500.....Gallium Isotopes
D01.552.544.289.500.400.....Gallium Radioisotopes
D01.552.544.305.....Germanium
D01.552.544.322.....Gold
D01.552.544.322.500.....Gold Isotopes
D01.552.544.322.500.550.....Gold Radioisotopes
D01.552.544.322.500.550.400.....Gold Colloid, Radioactive
D01.552.544.337.....Hafnium
D01.552.544.381.....Indium
D01.552.544.401.....Iridium
D01.552.544.412.....Iron
D01.552.544.412.500.....Iron Isotopes
D01.552.544.412.500.498.....Iron Radioisotopes
D01.552.544.423.....Lawrencium
D01.552.544.435.....Lead
D01.552.544.484.....Manganese
D01.552.544.494.....Mendelevium
D01.552.544.504.....Mercury
D01.552.544.504.500.....Mercury Isotopes
D01.552.544.504.500.500.....Mercury Radioisotopes
D01.552.544.555.....Molybdenum
D01.552.544.600.....Neptunium
D01.552.544.607.....Nickel
D01.552.544.615.....Niobium
D01.552.544.620.....Nobelium
D01.552.544.660.....Osmium
D01.552.544.680.....Palladium
D01.552.544.690.....Platinum
D01.552.544.700.....Plutonium
D01.552.544.750.....Protactinium
D01.552.544.775.....Radium
D01.552.544.787.....Rhenium
D01.552.544.793.....Rhodium
D01.552.544.800.....Rubidium
D01.552.544.805.....Ruthenium
D01.552.544.812.....Silver
D01.552.544.825.....Strontium
D01.552.544.825.500.....Strontium Isotopes
D01.552.544.825.500.685.....Strontium Radioisotopes
D01.552.544.837.....Tantalum

## 2018 MeSH Tree Hierarchy

Tree location
D01.552.544.843.....Technetium
D01.552.544.847.....Thallium
D01.552.544.850.....Thorium
D01.552.544.875.....Tin
D01.552.544.887.....Tungsten
D01.552.544.900.....Uranium
D01.552.544.920.....Vanadium
D01.552.544.940.....Zinc
D01.552.544.940.500.....Zinc Isotopes
D01.552.544.940.500.800.....Zinc Radioisotopes
D01.552.544.950.....Zirconium
D01.552.547.....Metals, Light
D01.552.547.050.....Aluminum
D01.552.547.080.....Beryllium
D01.552.547.290.....Lithium
D01.552.547.500.....Magnesium
D01.552.547.650.....Potassium
D01.552.547.650.500.....Potassium Isotopes
D01.552.547.650.500.700.....Potassium Radioisotopes
D01.552.547.725.....Sodium
D01.552.547.725.500.....Sodium Isotopes
D01.552.547.725.500.800.....Sodium Radioisotopes
D01.552.547.800.....Titanium
D01.552.550.....Metals, Rare Earth
D01.552.550.399.....Lanthanoid Series Elements
D01.552.550.399.249.....Cerium
D01.552.550.399.249.500.....Cerium Isotopes
D01.552.550.399.249.500.300.....Cerium Radioisotopes
D01.552.550.399.374.....Dysprosium
D01.552.550.399.437.....Erbium
D01.552.550.399.468.....Europium
D01.552.550.399.484.....Gadolinium
D01.552.550.399.492.....Holmium
D01.552.550.399.500.....Lanthanum
D01.552.550.399.562.....Lutetium
D01.552.550.399.625.....Neodymium
D01.552.550.399.750.....Praseodymium
D01.552.550.399.875.....Promethium
D01.552.550.399.937.....Samarium
D01.552.550.399.968.....Terbium
D01.552.550.399.984.....Thulium



## 2018 MeSH Tree Hierarchy

Tree location
D01.552.550.399.992.....Ytterbium
D01.552.550.800.....Scandium
D01.552.550.975.....Yttrium
D01.552.550.975.500.....Yttrium Isotopes
D01.552.550.975.500.800.....Yttrium Radioisotopes
D01.578.....Minerals
D01.578.122.....Apatites
D01.578.122.477.....Hydroxyapatites
D01.578.122.477.300.....Durapatite
D01.578.200.....Calcium Carbonate
D01.578.200.500.....Nacre
D01.578.215.....Calcium Sulfate
D01.578.285.....Ferrosoferric Oxide
D01.578.285.500.....Magnetite Nanoparticles
D01.578.300.....Graphite
D01.578.500.....Mineral Fibers
D01.578.700.....Selenium
D01.578.725.....Silicates
D01.578.725.025.....Aluminum Silicates
D01.578.725.025.100.....Bentonite
D01.578.725.025.350.....Kaolin
D01.578.725.025.975.....Zeolites
D01.578.725.050.....Asbestos
D01.578.725.050.050.....Asbestos, Amphibole
D01.578.725.050.050.050.....Asbestos, Amosite
D01.578.725.050.050.100.....Asbestos, Crocidolite
D01.578.725.050.075.....Asbestos, Serpentine
D01.578.725.500.....Magnesium Silicates
D01.578.725.500.040.....Asbestos, Amosite
D01.578.725.500.050.....Asbestos, Serpentine
D01.578.725.500.800.....Talc
D01.578.750.....Silicon Dioxide
D01.578.750.300.....Diatomaceous Earth
D01.578.750.600.....Quartz
D01.625.....Nitrogen Compounds
D01.625.050.....Ammonia
D01.625.062.....Ammonium Compounds
D01.625.062.249.....Ammonium Chloride
D01.625.062.311.....Ammonium Hydroxide
D01.625.062.374.....Ammonium Sulfate
D01.625.062.437.....Hydroxylamine

## 2018 MeSH Tree Hierarchy

Tree location
D01.625.062.500.....Quaternary Ammonium Compounds
D01.625.100.....Azides
D01.625.100.750.....Sodium Azide
D01.625.125.....Cisplatin
D01.625.175.....Cyanogen Bromide
D01.625.400.....Hydrogen Cyanide
D01.625.400.100.....Cyanides
D01.625.400.100.150.....Cyanamide
D01.625.400.100.325.....Ferricyanides
D01.625.400.100.325.550.....Nitroprusside
D01.625.400.100.350.....Ferrocyanides
D01.625.400.100.750.....Potassium Cyanide
D01.625.400.100.875.....Sodium Cyanide
D01.625.525.....Nitric Acid
D01.625.525.550.....Nitrates
D01.625.525.550.850.....Silver Nitrate
D01.625.525.550.950.....Uranyl Nitrate
D01.625.550.....Nitrogen Oxides
D01.625.550.500.....Nitric Oxide
D01.625.550.525.....Nitrogen Dioxide
D01.625.550.550.....Nitrous Oxide
D01.625.600.....Nitrous Acid
D01.625.600.600.....Nitrites
D01.625.600.600.800.....Sodium Nitrite
D01.625.600.800.....Peroxynitrous Acid
D01.625.700.....Reactive Nitrogen Species
D01.625.700.500.....Nitric Oxide
D01.625.700.750.....Peroxynitrous Acid
D01.625.800.....Ruthenium Red
D01.640.....Osmium Compounds
D01.640.500.....Osmium Tetroxide
D01.650.....Oxygen Compounds
D01.650.550.....Oxides
D01.650.550.050.....Aluminum Oxide
D01.650.550.050.075.....Aluminum Silicates
D01.650.550.050.075.100.....Bentonite
D01.650.550.050.075.350.....Kaolin
D01.650.550.050.075.975.....Zeolites
D01.650.550.200.....Carbon Dioxide
D01.650.550.200.250.....Dry Ice
D01.650.550.250.....Carbon Monoxide

## 2018 MeSH Tree Hierarchy

Tree location
D01.650.550.400.....Hypochlorous Acid
D01.650.550.400.800.....Sodium Hypochlorite
D01.650.550.575.....Magnesium Oxide
D01.650.550.587.....Nitrogen Oxides
D01.650.550.587.600.....Nitric Oxide
D01.650.550.587.625.....Nitrogen Dioxide
D01.650.550.587.650.....Nitrous Oxide
D01.650.550.600.....Osmium Tetroxide
D01.650.550.750.....Peroxides
D01.650.550.750.200.....Artemisinins
D01.650.550.750.400.....Hydrogen Peroxide
D01.650.550.750.600.....Lipid Peroxides
D01.650.550.750.700.....Prostaglandin Endoperoxides
D01.650.550.750.700.600.....Prostaglandins G
D01.650.550.750.700.650.....Prostaglandins H
D01.650.550.750.700.650.500.....Prostaglandin H2
D01.650.550.750.700.650.500.500.....15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D01.650.550.750.800.....Superoxides
D01.650.550.750.900.....tert-Butylhydroperoxide
D01.650.550.750.950.....Tetraoxanes
D01.650.550.825.....Silicon Dioxide
D01.650.550.825.400.....Diatomaceous Earth
D01.650.550.825.600.....Quartz
D01.650.550.850.....Sulfur Oxides
D01.650.550.850.925.....Sulfur Dioxide
D01.650.550.875.....Thorium Dioxide
D01.650.550.925.....Water
D01.650.550.925.199.....Drinking Water
D01.650.550.925.400.....Ice
D01.650.550.925.600.....Mineral Waters
D01.650.550.925.600.500.....Carbonated Water
D01.650.550.925.800.....Steam
D01.650.550.975.....Zinc Oxide
D01.650.775.....Reactive Oxygen Species
D01.695.....Phosphorus Compounds
D01.695.525.....Phosphines
D01.695.550.....Phosphoranes
D01.695.625.....Phosphorus Acids
D01.695.625.600.....Phosphinic Acids
D01.695.625.675.....Phosphoric Acids
D01.695.625.675.650.....Phosphates

## 2018 MeSH Tree Hierarchy

Tree location	
D01.695.625.675.650.025.....	Acidulated Phosphate Fluoride
D01.695.625.675.650.075.....	Calcium Phosphates
D01.695.625.675.650.075.025.....	Apatites
D01.695.625.675.650.075.025.300.....	Hydroxyapatites
D01.695.625.675.650.075.025.300.150.....	Durapatite
D01.695.625.675.650.075.150.....	Calcium Pyrophosphate
D01.695.625.675.650.425.....	Phosphoramides
D01.695.625.675.650.775.....	Polyphosphates
D01.695.625.675.650.775.150.....	Diphosphates
D01.695.625.675.650.775.150.150.....	Calcium Pyrophosphate
D01.695.625.675.650.775.150.900.....	Technetium Tc 99m Pyrophosphate
D01.695.625.675.650.775.950.....	Tin Polyphosphates
D01.695.625.675.650.887.....	Struvite
D01.695.625.675.750.....	Phosphotungstic Acid
D01.695.625.700.....	Phosphorous Acids
D01.695.625.700.675.....	Phosphites
D01.695.635.....	Phosphorus, Dietary
D01.710.....	Platinum Compounds
D01.710.100.....	Cisplatin
D01.745.....	Potassium Compounds
D01.745.312.....	Potassium Acetate
D01.745.625.....	Potassium Chloride
D01.745.635.....	Potassium Cyanide
D01.745.650.....	Potassium Dichromate
D01.745.660.....	Potassium, Dietary
D01.745.680.....	Potassium Iodide
D01.745.750.....	Potassium Permanganate
D01.765.....	Ruthenium Compounds
D01.765.765.....	Ruthenium Red
D01.786.....	Salts
D01.810.....	Selenium Compounds
D01.810.449.....	Selenic Acid
D01.810.900.....	Selenious Acid
D01.810.900.500.....	Sodium Selenite
D01.810.950.....	Selenium Oxides
D01.837.....	Silicon Compounds
D01.837.700.....	Silanes
D01.837.725.....	Silicon Dioxide
D01.837.725.400.....	Diatomaceous Earth
D01.837.725.600.....	Quartz
D01.837.725.700.....	Silicic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D01.837.725.700.379.....Silica Gel
D01.837.725.700.760.....Silicates
D01.837.725.700.760.050.....Aluminum Silicates
D01.837.725.700.760.050.100.....Bentonite
D01.837.725.700.760.050.400.....Kaolin
D01.837.725.700.760.050.950.....Zeolites
D01.837.725.700.760.070.....Asbestos
D01.837.725.700.760.070.050.....Asbestos, Amphibole
D01.837.725.700.760.070.050.060.....Asbestos, Amosite
D01.837.725.700.760.070.050.090.....Asbestos, Crocidolite
D01.837.725.700.760.070.110.....Asbestos, Serpentine
D01.837.725.700.760.535.....Magnesium Silicates
D01.837.725.700.760.535.040.....Asbestos, Amosite
D01.837.725.700.760.535.400.....Asbestos, Serpentine
D01.837.725.700.760.535.800.....Talc
D01.837.800.....Siloxanes
D01.847.....Silver Compounds
D01.847.900.....Silver Nitrate
D01.857.....Sodium Compounds
D01.857.300.....Gold Sodium Thiosulfate
D01.857.462.....Sodium Azide
D01.857.625.....Sodium Bicarbonate
D01.857.650.....Sodium Chloride
D01.857.650.705.....Sodium Chloride, Dietary
D01.857.660.....Sodium Cyanide
D01.857.700.....Sodium, Dietary
D01.857.700.705.....Sodium Chloride, Dietary
D01.857.725.....Sodium Fluoride
D01.857.725.050.....Acidulated Phosphate Fluoride
D01.857.745.....Sodium Hydroxide
D01.857.750.....Sodium Hypochlorite
D01.857.760.....Sodium Iodide
D01.857.775.....Sodium Nitrite
D01.857.850.....Sodium Selenite
D01.875.....Sulfur Compounds
D01.875.350.....Hydrogen Sulfide
D01.875.350.850.....Sulfides
D01.875.350.850.074.....Carbon Disulfide
D01.875.350.850.150.....Disulfides
D01.875.350.850.150.369.....Cystine
D01.875.750.....Sulfites

## 2018 MeSH Tree Hierarchy

Tree location
D01.875.750.200.....Dithionite
D01.875.800.....Sulfur Acids
D01.875.800.700.....Sulfinic Acids
D01.875.800.740.....Sulfonic Acids
D01.875.800.740.900.....Thiosulfonic Acids
D01.875.800.800.....Sulfuric Acids
D01.875.800.800.850.....Sulfates
D01.875.800.800.850.025.....Alum Compounds
D01.875.800.800.850.050.....Ammonium Sulfate
D01.875.800.800.850.075.....Barium Sulfate
D01.875.800.800.850.125.....Calcium Sulfate
D01.875.800.800.850.150.....Copper Sulfate
D01.875.800.800.850.500.....Magnesium Sulfate
D01.875.800.800.850.900.....Thiosulfates
D01.875.800.800.850.900.250.....Gold Sodium Thiosulfate
D01.875.800.800.850.950.....Zinc Sulfate
D01.875.800.800.900.....Tetrathionic Acid
D01.875.812.....Sulfur Hexafluoride
D01.875.825.....Sulfur Oxides
D01.875.825.925.....Sulfur Dioxide
D01.875.900.....Technetium Tc 99m Sulfur Colloid
D01.925.....Technetium Compounds
D01.925.800.....Sodium Pertechnetate Tc 99m
D01.925.925.....Technetium Tc 99m Pyrophosphate
D01.925.950.....Technetium Tc 99m Sulfur Colloid
D01.928.....Thiones
D01.930.....Thorium Compounds
D01.930.930.....Thorium Dioxide
D01.935.....Tin Compounds
D01.935.925.....Tin Fluorides
D01.935.950.....Tin Polyphosphates
D01.940.....Tungsten Compounds
D01.940.700.....Phosphotungstic Acid
D01.950.....Uranium Compounds
D01.950.950.....Uranyl Nitrate
D01.960.....Vanadium Compounds
D01.960.960.....Vanadates
D01.975.....Zinc Compounds
D01.975.975.....Zinc Oxide
D01.975.987.....Zinc Sulfate
D02.....Organic Chemicals

## 2018 MeSH Tree Hierarchy

Tree location
D02.033.....Alcohols
D02.033.100.....Amino Alcohols
D02.033.100.291.....Ethanolamines
D02.033.100.291.057.....Albuterol
D02.033.100.291.057.125.....Albuterol, Ipratropium Drug Combination
D02.033.100.291.057.500.....Levalbuterol
D02.033.100.291.057.750.....Salmeterol Xinafoate
D02.033.100.291.057.750.500.....Fluticasone-Salmeterol Drug Combination
D02.033.100.291.211.....Choline
D02.033.100.291.211.500.....Platelet Activating Factor
D02.033.100.291.231.....Clenbuterol
D02.033.100.291.274.....Deanol
D02.033.100.291.310.....Epinephrine
D02.033.100.291.310.500.....Racepinephrine
D02.033.100.291.375.....Ethanolamine
D02.033.100.291.410.....2-Hydroxyphenethylamine
D02.033.100.291.425.....Formoterol Fumarate
D02.033.100.291.425.250.....Budesonide, Formoterol Fumarate Drug Combination
D02.033.100.291.425.500.....Mometasone Furoate, Formoterol Fumarate Drug Combination
D02.033.100.291.439.....Isoproterenol
D02.033.100.291.460.....Labetalol
D02.033.100.291.465.....Metaproterenol
D02.033.100.291.465.300.....Fenoterol
D02.033.100.291.480.....Midodrine
D02.033.100.291.491.....Nebivolol
D02.033.100.291.502.....Norepinephrine
D02.033.100.291.502.651.....Normetanephrine
D02.033.100.291.525.....Octopamine
D02.033.100.291.617.....Phenylephrine
D02.033.100.291.617.300.....Etilefrine
D02.033.100.291.630.....Procaterol
D02.033.100.291.805.....Sotalol
D02.033.100.291.870.....Synephrine
D02.033.100.291.905.....Terbutaline
D02.033.100.350.....Heptaminol
D02.033.100.400.....Isoetharine
D02.033.100.624.....Propranolamines
D02.033.100.624.302.....Ephedrine
D02.033.100.624.380.....Histidinol
D02.033.100.624.427.....Isoxsuprine
D02.033.100.624.536.....Methoxamine

## 2018 MeSH Tree Hierarchy

Tree location
D02.033.100.624.605.....Nylidrin
D02.033.100.624.675.....Oxyfedrine
D02.033.100.624.698.....Phenoxypropanolamines
D02.033.100.624.698.025.....Acebutolol
D02.033.100.624.698.055.....Alprenolol
D02.033.100.624.698.055.200.....Dihydroalprenolol
D02.033.100.624.698.070.....Atenolol
D02.033.100.624.698.077.....Betaxolol
D02.033.100.624.698.085.....Bisoprolol
D02.033.100.624.698.115.....Bunolol
D02.033.100.624.698.115.500.....Levobunolol
D02.033.100.624.698.146.....Bupranolol
D02.033.100.624.698.207.....Carteolol
D02.033.100.624.698.268.....Celiprolol
D02.033.100.624.698.542.....Metipranolol
D02.033.100.624.698.573.....Metoprolol
D02.033.100.624.698.601.....Nadolol
D02.033.100.624.698.633.....Oxprenolol
D02.033.100.624.698.688.....Penbutolol
D02.033.100.624.698.699.....Pindolol
D02.033.100.624.698.699.420.....Iodocyanopindolol
D02.033.100.624.698.705.....Practolol
D02.033.100.624.698.708.....Prenalterol
D02.033.100.624.698.711.....Propranolol
D02.033.100.624.698.855.....Xamoterol
D02.033.100.624.706.....Phenylpropanolamine
D02.033.100.624.706.400.....p-Hydroxynorephedrine
D02.033.100.624.706.500.....Metaraminol
D02.033.100.624.706.750.....Tolterodine Tartrate
D02.033.100.624.853.....Pseudoephedrine
D02.033.100.624.870.....Ritodrine
D02.033.100.624.890.....Suloctidil
D02.033.100.624.915.....Timolol
D02.033.100.624.915.500.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D02.033.100.700.....Sphingosine
D02.033.100.700.350.....Fingolimod Hydrochloride
D02.033.100.700.700.....Psychosine
D02.033.160.....Benzyl Alcohols
D02.033.160.100.....Benzyl Alcohol
D02.033.260.....Chlorohydrins
D02.033.260.100.....alpha-Chlorohydrin



## 2018 MeSH Tree Hierarchy

Tree location
D02.033.260.220.....Chlorobutanol
D02.033.260.335.....Ethchlorvynol
D02.033.260.350.....Ethylene Chlorohydrin
D02.033.375.....Ethanol
D02.033.375.135.....Blood Alcohol Content
D02.033.375.270.....Ethamoxytriphetol
D02.033.375.291.....Ethanolamines
D02.033.375.291.375.....Ethanolamine
D02.033.375.310.....Ethylene Chlorohydrin
D02.033.375.534.....Mercaptoethanol
D02.033.375.650.....Phenylethyl Alcohol
D02.033.375.880.....Trifluoroethanol
D02.033.415.....Fatty Alcohols
D02.033.415.054.....Acetogenins
D02.033.415.110.....Butanols
D02.033.415.110.175.....1-Butanol
D02.033.415.110.220.....Chlorobutanol
D02.033.415.110.855.....tert-Butyl Alcohol
D02.033.415.220.....Dodecanol
D02.033.415.220.720.....Sodium Dodecyl Sulfate
D02.033.415.230.....Dolichol
D02.033.415.230.250.....Dolichol Phosphates
D02.033.415.400.....Farnesol
D02.033.415.500.....Heptanol
D02.033.415.510.....Hexanols
D02.033.415.510.500.....Cyclohexanols
D02.033.415.510.500.303.....Desvenlafaxine Succinate
D02.033.415.510.500.605.....Menthol
D02.033.415.510.500.802.....Tramadol
D02.033.415.510.500.901.....Venlafaxine Hydrochloride
D02.033.415.600.....Octanols
D02.033.415.600.600.....1-Octanol
D02.033.415.640.....Pentanols
D02.033.415.900.....Sodium Tetradecyl Sulfate
D02.033.455.....Glycols
D02.033.455.125.....Butylene Glycols
D02.033.455.125.125.....Busulfan
D02.033.455.250.....Ethylene Glycols
D02.033.455.250.130.....Chloral Hydrate
D02.033.455.250.130.150.....Chloralose
D02.033.455.250.268.....Ethylene Glycol

## 2018 MeSH Tree Hierarchy

Tree location	
D02.033.455.250.610.....	Methoxyhydroxyphenylglycol
D02.033.455.250.700.....	Polyethylene Glycols
D02.033.455.250.700.150.....	Cetomacrogol
D02.033.455.250.700.485.....	Hydrogel, Polyethylene Glycol Dimethacrylate
D02.033.455.250.700.620.....	Nonoxynol
D02.033.455.250.700.660.....	Octoxynol
D02.033.455.250.700.680.....	Poloxalene
D02.033.455.250.700.682.....	Poloxamer
D02.033.455.250.700.685.....	Polyhydroxyethyl Methacrylate
D02.033.455.250.700.690.....	Polysorbates
D02.033.455.706.....	Propylene Glycols
D02.033.455.706.100.....	alpha-Chlorohydrin
D02.033.455.706.300.....	Chloramphenicol
D02.033.455.706.300.850.....	Thiamphenicol
D02.033.455.706.345.....	Chlorphenesin
D02.033.455.706.431.....	Fingolimod Hydrochloride
D02.033.455.706.517.....	Mephenesin
D02.033.455.706.690.....	Pentaerythritol Tetranitrate
D02.033.455.706.725.....	Propylene Glycol
D02.033.455.706.900.....	Tromethamine
D02.033.455.843.....	Sphingosine
D02.033.623.....	Methanol
D02.033.750.....	Polyvinyl Alcohol
D02.033.755.....	Propanols
D02.033.755.600.....	1-Propanol
D02.033.755.615.....	2-Propanol
D02.033.755.624.....	Propanolamines
D02.033.755.624.302.....	Ephedrine
D02.033.755.624.380.....	Histidinol
D02.033.755.624.427.....	Isoxsuprine
D02.033.755.624.536.....	Methoxamine
D02.033.755.624.605.....	Nylidrin
D02.033.755.624.675.....	Oxyfedrine
D02.033.755.624.698.....	Phenoxypropanolamines
D02.033.755.624.698.025.....	Acebutolol
D02.033.755.624.698.055.....	Alprenolol
D02.033.755.624.698.055.200.....	Dihydroalprenolol
D02.033.755.624.698.070.....	Atenolol
D02.033.755.624.698.077.....	Betaxolol
D02.033.755.624.698.085.....	Bisoprolol
D02.033.755.624.698.115.....	Bunolol

## 2018 MeSH Tree Hierarchy

Tree location
D02.033.755.624.698.115.500.....Levobunolol
D02.033.755.624.698.146.....Bupranolol
D02.033.755.624.698.207.....Carteolol
D02.033.755.624.698.268.....Celiprolol
D02.033.755.624.698.542.....Metipranolol
D02.033.755.624.698.573.....Metoprolol
D02.033.755.624.698.601.....Nadolol
D02.033.755.624.698.633.....Oxprenolol
D02.033.755.624.698.688.....Penbutolol
D02.033.755.624.698.699.....Pindolol
D02.033.755.624.698.699.420.....Iodocyanopindolol
D02.033.755.624.698.705.....Practolol
D02.033.755.624.698.708.....Prenalterol
D02.033.755.624.698.711.....Propranolol
D02.033.755.624.698.855.....Xamoterol
D02.033.755.624.706.....Phenylpropanolamine
D02.033.755.624.706.400.....p-Hydroxynorephedrine
D02.033.755.624.706.500.....Metaraminol
D02.033.755.624.706.750.....Tolterodine Tartrate
D02.033.755.624.853.....Pseudoephedrine
D02.033.755.624.870.....Ritodrine
D02.033.755.624.890.....Suloctidil
D02.033.755.624.915.....Timolol
D02.033.755.624.915.500.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D02.033.800.....Sugar Alcohols
D02.033.800.175.....Dithioerythritol
D02.033.800.196.....Dithiothreitol
D02.033.800.329.....Erythritol
D02.033.800.329.225.....Erythrityl Tetranitrate
D02.033.800.400.....Galactitol
D02.033.800.400.350.....Dianhydrogalactitol
D02.033.800.400.500.....Mitolactol
D02.033.800.519.....Inositol
D02.033.800.519.400.....Inositol Phosphates
D02.033.800.519.400.350.....Inositol 1,4,5-Trisphosphate
D02.033.800.519.400.700.....Phytic Acid
D02.033.800.609.....Mannitol
D02.033.800.609.450.....Mannitol Phosphates
D02.033.800.609.500.....Mitobronitol
D02.033.800.780.....Ribitol
D02.033.800.813.....Sorbitol

## 2018 MeSH Tree Hierarchy

Tree location
D02.033.800.813.480.....Isosorbide
D02.033.800.813.480.500.....Isosorbide Dinitrate
D02.033.800.813.550.....Meglumine
D02.033.800.813.550.500.....Diatrizoate Meglumine
D02.033.800.813.550.600.....Iothalamate Meglumine
D02.033.800.875.....Triose Sugar Alcohols
D02.033.800.875.500.....Glycerol
D02.033.800.875.750.....Glycerophosphates
D02.033.800.875.750.449.....Glycerolphosphorylcholine
D02.033.800.875.875.....Glyceryl Ethers
D02.033.800.875.875.750.....Phospholipid Ethers
D02.033.800.936.....Xylitol
D02.047.....Aldehydes
D02.047.064.....Acetaldehyde
D02.047.064.586.....Paraldehyde
D02.047.122.....Acrolein
D02.047.222.....Benzaldehydes
D02.047.407.....Formaldehyde
D02.047.407.518.....Formocresols
D02.047.466.....Furaldehyde
D02.047.532.....Glutaral
D02.047.587.....Glyceraldehyde
D02.047.587.450.....Glyceraldehyde 3-Phosphate
D02.047.644.....Glyoxal
D02.047.644.620.....Phenylglyoxal
D02.047.644.650.....Pyruvaldehyde
D02.047.700.....Malondialdehyde
D02.047.700.700.....Thiobarbituric Acid Reactive Substances
D02.047.750.....o-Phthalaldehyde
D02.047.850.....Retinaldehyde
D02.065.....Amides
D02.065.064.....Acetamides
D02.065.064.150.....2-Acetylaminofluorene
D02.065.064.150.100.....Acetoxyacetylaminofluorene
D02.065.064.150.400.....Hydroxyacetylaminofluorene
D02.065.064.189.....Allylisopropylacetamide
D02.065.064.294.....Benzeneacetamides
D02.065.064.294.088.....Bufexamac
D02.065.064.400.....Iodoacetamide
D02.065.064.463.....Linezolid
D02.065.064.525.....Oseltamivir

## 2018 MeSH Tree Hierarchy

Tree location
D02.065.064.650.....Piracetam
D02.065.064.786.....Thioacetamide
D02.065.122.....Acrylamides
D02.065.122.015.....Acrylamide
D02.065.141.....Bimatoprost
D02.065.160.....Polyunsaturated Alkamides
D02.065.160.500.....Capsaicin
D02.065.199.....Anilides
D02.065.199.092.....Acetanilides
D02.065.199.092.040.....Acetaminophen
D02.065.199.092.250.....Diamfenetide
D02.065.199.092.325.....Etidocaine
D02.065.199.092.450.....Inosine Pranobex
D02.065.199.092.500.....Lidocaine
D02.065.199.092.700.....Phenacetin
D02.065.199.092.800.....Practolol
D02.065.199.092.850.....Ranolazine
D02.065.199.092.900.....Trimecaine
D02.065.199.200.....Benzoylarginine Nitroanilide
D02.065.199.239.....Bupivacaine
D02.065.199.326.....Carbanilides
D02.065.199.326.400.....Imidocarb
D02.065.199.326.550.....Nicarbazin
D02.065.199.350.....Carboxin
D02.065.199.385.....Encainide
D02.065.199.420.....Flutamide
D02.065.199.750.....Prilocaine
D02.065.199.789.....Propanil
D02.065.199.860.....Salicylanilides
D02.065.199.860.470.....Niclosamide
D02.065.199.860.500.....Oxyclozanide
D02.065.199.860.600.....Rafoxanide
D02.065.199.920.....Tocainide
D02.065.277.....Benzamides
D02.065.277.067.....Bezafibrate
D02.065.277.135.....Cisapride
D02.065.277.194.....DEET
D02.065.277.225.....Dinitolmide
D02.065.277.431.....Hippurates
D02.065.277.431.192.....Aminohippuric Acids
D02.065.277.431.192.100.....p-Aminohippuric Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.065.277.431.579.....Iodohippuric Acid
D02.065.277.456.....Imatinib Mesylate
D02.065.277.480.....Indoramin
D02.065.277.573.....Metoclopramide
D02.065.277.600.....Moclobemide
D02.065.277.650.....Procainamide
D02.065.277.727.....Procarbazine
D02.065.277.761.....Raclopride
D02.065.277.796.....Remoxipride
D02.065.277.866.....Sulpiride
D02.065.300.....Benzoylarginine-2-Naphthylamide
D02.065.313.....Ceramides
D02.065.313.250.....Cerebrosides
D02.065.313.250.450.....Galactosylceramides
D02.065.313.250.490.....Glucosylceramides
D02.065.313.425.....Globosides
D02.065.313.612.....Lactosylceramides
D02.065.313.906.....Trihexosylceramides
D02.065.327.....Cerulenin
D02.065.355.....Dibucaine
D02.065.463.....Formamides
D02.065.463.387.....Dimethylformamide
D02.065.589.....Lactams
D02.065.589.099.....beta-Lactams
D02.065.589.099.124.....Carbapenems
D02.065.589.099.124.300.....Thienamycins
D02.065.589.099.124.300.500.....Imipenem
D02.065.589.099.249.....Cephalosporins
D02.065.589.099.249.150.....Cefamandole
D02.065.589.099.249.150.160.....Cefoperazone
D02.065.589.099.249.160.....Cefazolin
D02.065.589.099.249.177.....Cefonicid
D02.065.589.099.249.185.....Cefsulodin
D02.065.589.099.249.190.....Cephacetrile
D02.065.589.099.249.190.190.....Cefotaxime
D02.065.589.099.249.190.190.115.....Cefixime
D02.065.589.099.249.190.190.125.....Cefmenoxime
D02.065.589.099.249.190.190.135.....Cefotiam
D02.065.589.099.249.190.190.145.....Ceftizoxime
D02.065.589.099.249.190.190.155.....Ceftriaxone
D02.065.589.099.249.190.190.165.....Cefuroxime

## 2018 MeSH Tree Hierarchy

Tree location
D02.065.589.099.249.190.210.....Cephalothin
D02.065.589.099.249.190.230.....Cephapirin
D02.065.589.099.249.200.....Cephalexin
D02.065.589.099.249.200.155.....Cefaclor
D02.065.589.099.249.200.165.....Cefadroxil
D02.065.589.099.249.200.165.125.....Cefatrizine
D02.065.589.099.249.200.180.....Cephaloglycin
D02.065.589.099.249.200.185.....Cephradine
D02.065.589.099.249.210.....Cephaloridine
D02.065.589.099.249.210.150.....Ceftazidime
D02.065.589.099.249.250.....Cephamycins
D02.065.589.099.249.250.177.....Cefmetazole
D02.065.589.099.249.250.199.....Cefotetan
D02.065.589.099.249.250.222.....Cefoxitin
D02.065.589.099.374.....Clavulanic Acids
D02.065.589.099.374.160.....Clavulanic Acid
D02.065.589.099.374.160.060.....Amoxicillin-Potassium Clavulanate Combination
D02.065.589.099.500.....Monobactams
D02.065.589.099.500.044.....Aztreonam
D02.065.589.099.625.....Moxalactam
D02.065.589.099.750.....Penicillins
D02.065.589.099.750.124.....Amdinocillin
D02.065.589.099.750.124.036.....Amdinocillin Pivoxil
D02.065.589.099.750.249.....Cyclacillin
D02.065.589.099.750.500.....Methicillin
D02.065.589.099.750.562.....Nafcillin
D02.065.589.099.750.625.....Oxacillin
D02.065.589.099.750.625.150.....Cloxacillin
D02.065.589.099.750.625.150.205.....Dicloxacillin
D02.065.589.099.750.625.150.250.....Floxacillin
D02.065.589.099.750.687.....Penicillanic Acid
D02.065.589.099.750.750.....Penicillin G
D02.065.589.099.750.750.050.....Ampicillin
D02.065.589.099.750.750.050.050.....Amoxicillin
D02.065.589.099.750.750.050.050.060.....Amoxicillin-Potassium Clavulanate Combination
D02.065.589.099.750.750.050.075.....Azlocillin
D02.065.589.099.750.750.050.500.....Mezlocillin
D02.065.589.099.750.750.050.650.....Piperacillin
D02.065.589.099.750.750.050.700.....Pivampicillin
D02.065.589.099.750.750.050.900.....Talampicillin
D02.065.589.099.750.750.170.....Carbenicillin

## 2018 MeSH Tree Hierarchy

Tree location
D02.065.589.099.750.750.170.200.....Carfecillin
D02.065.589.099.750.750.685.....Penicillin G Benzathine
D02.065.589.099.750.750.695.....Penicillin G Procaine
D02.065.589.099.750.750.875.....Sulbenicillin
D02.065.589.099.750.781.....Penicillin V
D02.065.589.099.750.812.....Sulbactam
D02.065.589.099.750.875.....Ticarcillin
D02.065.589.200.....Caprolactam
D02.065.589.327.....Lactams, Macrocylic
D02.065.793.....Salicylamides
D02.065.793.324.....Labetalol
D02.065.793.650.....Salicylanilides
D02.065.793.650.470.....Niclosamide
D02.065.793.650.500.....Oxyclozanide
D02.065.793.650.600.....Rafoxanide
D02.065.884.....Sulfonamides
D02.065.884.120.....Benzolamide
D02.065.884.150.....Bumetanide
D02.065.884.247.....Celecoxib
D02.065.884.365.....Chlorthalidone
D02.065.884.390.....Clopamide
D02.065.884.438.....Darunavir
D02.065.884.485.....Dichlorphenamide
D02.065.884.500.....Ethoxzolamide
D02.065.884.540.....Indapamide
D02.065.884.570.....Mafenide
D02.065.884.575.....Mefruside
D02.065.884.600.....Metolazone
D02.065.884.625.....Probenecid
D02.065.884.650.....Rosuvastatin Calcium
D02.065.884.675.....Sildenafil Citrate
D02.065.884.725.....Sulfanilamides
D02.065.884.725.300.....Furosemide
D02.065.884.725.650.....Sulfacetamide
D02.065.884.725.700.....Sulfachlorpyridazine
D02.065.884.725.755.....Sulfadiazine
D02.065.884.725.755.800.....Silver Sulfadiazine
D02.065.884.725.760.....Sulfadimethoxine
D02.065.884.725.765.....Sulfadoxine
D02.065.884.725.810.....Sulfaguanidine
D02.065.884.725.850.....Sulfalene



## 2018 MeSH Tree Hierarchy

Tree location
D02.065.884.725.853.....Sulfamerazine
D02.065.884.725.857.....Sulfameter
D02.065.884.725.862.....Sulfamethazine
D02.065.884.725.867.....Sulfamethoxazole
D02.065.884.725.867.500.....Trimethoprim, Sulfamethoxazole Drug Combination
D02.065.884.725.872.....Sulfamethoxyipyridazine
D02.065.884.725.877.....Sulfamonomethoxine
D02.065.884.725.882.....Sulfamoxole
D02.065.884.725.887.....Sulfaphenazole
D02.065.884.725.900.....Sulfapyridine
D02.065.884.725.925.....Sulfaquinoxaline
D02.065.884.725.935.....Sulfathiazoles
D02.065.884.725.935.813.....Sulfamethizole
D02.065.884.725.940.....Sulfisomidine
D02.065.884.725.945.....Sulfisoxazole
D02.065.884.730.....Sulfasalazine
D02.065.884.750.....Sumatriptan
D02.065.884.975.....Xipamide
D02.065.900.....Thioamides
D02.065.900.890.....Thioacetamide
D02.078.....Amidines
D02.078.100.....Benzamidines
D02.078.100.260.....Diminazene
D02.078.100.700.....Pentamidine
D02.078.200.....Chlorphenamidine
D02.078.370.....Guanidines
D02.078.370.060.....Agmatine
D02.078.370.120.....Bethanidine
D02.078.370.141.....Biguanides
D02.078.370.141.075.....Buformin
D02.078.370.141.100.....Chlorhexidine
D02.078.370.141.450.....Metformin
D02.078.370.141.450.500.....Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
D02.078.370.141.700.....Phenformin
D02.078.370.141.710.....Proguanil
D02.078.370.200.....Cimetidine
D02.078.370.280.....Creatine
D02.078.370.380.....Gabexate
D02.078.370.435.....Guanabenz
D02.078.370.460.....Guanethidine
D02.078.370.465.....Guanfacine

## 2018 MeSH Tree Hierarchy

Tree location
D02.078.370.472.....Guanidine
D02.078.370.500.....Impromidine
D02.078.370.510.....3-Iodobenzylguanidine
D02.078.370.570.....Methylguanidine
D02.078.370.600.....Mitoguazone
D02.078.370.649.....Nitrosoguanidines
D02.078.370.649.400.....Methylnitronitrosoguanidine
D02.078.370.729.....Pinacidil
D02.078.370.810.....Robenidine
D02.078.370.853.....Sulfaguanidine
D02.078.370.926.....Zanamivir
D02.078.766.....Stilbamidines
D02.092.....Amines
D02.092.050.....Allylamine
D02.092.050.500.....Colesevelam Hydrochloride
D02.092.063.....Amino Alcohols
D02.092.063.291.....Ethanolamines
D02.092.063.291.057.....Albuterol
D02.092.063.291.057.125.....Albuterol, Ipratropium Drug Combination
D02.092.063.291.057.500.....Levalbuterol
D02.092.063.291.057.750.....Salmeterol Xinafoate
D02.092.063.291.057.750.500.....Fluticasone-Salmeterol Drug Combination
D02.092.063.291.211.....Choline
D02.092.063.291.211.500.....Platelet Activating Factor
D02.092.063.291.231.....Clenbuterol
D02.092.063.291.274.....Deanol
D02.092.063.291.310.....Epinephrine
D02.092.063.291.310.500.....Racepinephrine
D02.092.063.291.375.....Ethanolamine
D02.092.063.291.410.....2-Hydroxyphenethylamine
D02.092.063.291.425.....Formoterol Fumarate
D02.092.063.291.425.250.....Budesonide, Formoterol Fumarate Drug Combination
D02.092.063.291.425.500.....Mometasone Furoate, Formoterol Fumarate Drug Combination
D02.092.063.291.439.....Isoproterenol
D02.092.063.291.460.....Labetalol
D02.092.063.291.465.....Metaproterenol
D02.092.063.291.465.300.....Fenoterol
D02.092.063.291.480.....Midodrine
D02.092.063.291.503.....Nebivolol
D02.092.063.291.525.....Octopamine
D02.092.063.291.617.....Phenylephrine

## 2018 MeSH Tree Hierarchy

Tree location
D02.092.063.291.617.300.....Etilefrine
D02.092.063.291.647.....Procaterol
D02.092.063.291.805.....Sotalol
D02.092.063.291.870.....Synephrine
D02.092.063.291.905.....Terbutaline
D02.092.063.350.....Heptaminol
D02.092.063.400.....Isoetharine
D02.092.063.480.....Norepinephrine
D02.092.063.480.651.....Normetanephine
D02.092.063.624.....Propanolamines
D02.092.063.624.302.....Ephedrine
D02.092.063.624.380.....Histidinol
D02.092.063.624.536.....Methoxamine
D02.092.063.624.698.....Phenoxypropanolamines
D02.092.063.624.698.025.....Acebutolol
D02.092.063.624.698.055.....Alprenolol
D02.092.063.624.698.055.200.....Dihydroalprenolol
D02.092.063.624.698.070.....Atenolol
D02.092.063.624.698.077.....Betaxolol
D02.092.063.624.698.085.....Bisoprolol
D02.092.063.624.698.115.....Bunolol
D02.092.063.624.698.115.500.....Levobunolol
D02.092.063.624.698.146.....Bupranolol
D02.092.063.624.698.207.....Carteolol
D02.092.063.624.698.268.....Celiprolol
D02.092.063.624.698.542.....Metipranolol
D02.092.063.624.698.573.....Metoprolol
D02.092.063.624.698.601.....Nadolol
D02.092.063.624.698.633.....Oxprenolol
D02.092.063.624.698.688.....Penbutolol
D02.092.063.624.698.699.....Pindolol
D02.092.063.624.698.699.420.....Iodocyanopindolol
D02.092.063.624.698.705.....Practolol
D02.092.063.624.698.708.....Prenalterol
D02.092.063.624.698.711.....Propranolol
D02.092.063.624.698.855.....Xamoterol
D02.092.063.624.706.....Phenylpropanolamine
D02.092.063.624.706.400.....p-Hydroxynorephedrine
D02.092.063.624.706.500.....Metaraminol
D02.092.063.624.706.550.....Nylidrin
D02.092.063.624.706.600.....Oxyfedrine

## 2018 MeSH Tree Hierarchy

Tree location	
D02.092.063.624.706.800.....	Tolterodine Tartrate
D02.092.063.624.788.....	Pseudoephedrine
D02.092.063.624.870.....	Ritodrine
D02.092.063.624.890.....	Suloctidil
D02.092.063.624.915.....	Timolol
D02.092.063.624.915.500.....	Brimonidine Tartrate, Timolol Maleate Drug Combination
D02.092.063.700.....	Sphingosine
D02.092.063.700.350.....	Fingolimod Hydrochloride
D02.092.063.700.700.....	Psychosine
D02.092.080.....	Aminopyridines
D02.092.080.060.....	4-Aminopyridine
D02.092.080.085.....	Amrinone
D02.092.080.085.543.....	Milrinone
D02.092.146.....	Aniline Compounds
D02.092.146.100.....	Aminophenols
D02.092.146.100.700.....	Phenetidine
D02.092.146.113.....	Anilides
D02.092.146.113.092.....	Acetanilides
D02.092.146.113.092.040.....	Acetaminophen
D02.092.146.113.092.250.....	Diamfenetide
D02.092.146.113.092.325.....	Etidocaine
D02.092.146.113.092.450.....	Inosine Pranobex
D02.092.146.113.092.500.....	Lidocaine
D02.092.146.113.092.700.....	Phenacetin
D02.092.146.113.092.800.....	Practolol
D02.092.146.113.092.850.....	Ranolazine
D02.092.146.113.092.900.....	Trimecaine
D02.092.146.113.200.....	Benzoylarginine Nitroanilide
D02.092.146.113.239.....	Bupivacaine
D02.092.146.113.326.....	Carbanilides
D02.092.146.113.326.400.....	Imidocarb
D02.092.146.113.326.550.....	Nicarbazin
D02.092.146.113.350.....	Carboxin
D02.092.146.113.385.....	Encainide
D02.092.146.113.420.....	Flutamide
D02.092.146.113.750.....	Prilocaine
D02.092.146.113.789.....	Propanil
D02.092.146.113.860.....	Salicylanilides
D02.092.146.113.860.470.....	Niclosamide
D02.092.146.113.860.500.....	Oxyclozanide
D02.092.146.113.860.600.....	Rafoxanide

## 2018 MeSH Tree Hierarchy

Tree location
D02.092.146.113.920.....Tocainide
D02.092.146.125.....Anilino Naphthalenesulfonates
D02.092.146.215.....Benzophenoneidum
D02.092.146.271.....Bromhexine
D02.092.146.271.100.....Ambroxol
D02.092.146.290.....Benzenaminium, 4,4'-(3-oxo-1,5-pentanediy)bis(N,N-dimethyl-N-2-propenyl-), Dibromide
D02.092.146.307.....Fenamates
D02.092.146.312.....Kynuramine
D02.092.146.316.....p-Aminoazobenzene
D02.092.146.325.....p-Dimethylaminoazobenzene
D02.092.146.325.500.....Methyldimethylaminoazobenzene
D02.092.146.350.....Diphenylamine
D02.092.146.400.....Gentian Violet
D02.092.146.475.....Methyl Green
D02.092.146.500.....Methylenebis(chloroaniline)
D02.092.146.651.....Phenylenediamines
D02.092.146.651.900.....Tetramethylphenylenediamine
D02.092.146.755.....Rosaniline Dyes
D02.092.146.807.....Sulfanilamides
D02.092.146.807.300.....Furosemide
D02.092.146.807.650.....Sulfacetamide
D02.092.146.807.700.....Sulfachlorpyridazine
D02.092.146.807.755.....Sulfadiazine
D02.092.146.807.755.800.....Silver Sulfadiazine
D02.092.146.807.760.....Sulfadimethoxine
D02.092.146.807.765.....Sulfadoxine
D02.092.146.807.810.....Sulfaguanidine
D02.092.146.807.850.....Sulfalene
D02.092.146.807.853.....Sulfamerazine
D02.092.146.807.857.....Sulfameter
D02.092.146.807.862.....Sulfamethazine
D02.092.146.807.867.....Sulfamethoxazole
D02.092.146.807.867.500.....Trimethoprim, Sulfamethoxazole Drug Combination
D02.092.146.807.872.....Sulfamethoxypridazine
D02.092.146.807.877.....Sulfamonomethoxine
D02.092.146.807.882.....Sulfamoxole
D02.092.146.807.887.....Sulfaphenazole
D02.092.146.807.900.....Sulfapyridine
D02.092.146.807.925.....Sulfaquinoxaline
D02.092.146.807.935.....Sulfathiazoles
D02.092.146.807.935.813.....Sulfamethizole

## 2018 MeSH Tree Hierarchy

Tree location	
D02.092.146.807.940.....	Sulfisomidine
D02.092.146.807.945.....	Sulfisoxazole
D02.092.146.859.....	Toluidines
D02.092.146.859.717.....	Trifluralin
D02.092.200.....	Benzylamines
D02.092.200.650.....	Pargyline
D02.092.211.....	Biogenic Amines
D02.092.211.111.....	Acetylcholine
D02.092.211.215.....	Biogenic Monoamines
D02.092.211.215.311.....	Catecholamines
D02.092.211.215.311.342.....	Dopamine
D02.092.211.215.311.461.....	Epinephrine
D02.092.211.215.311.461.400.....	Metanephrine
D02.092.211.215.311.461.700.....	Racepinephrine
D02.092.211.215.311.465.....	Metaproterenol
D02.092.211.215.311.465.300.....	Fenoterol
D02.092.211.215.311.560.....	Norepinephrine
D02.092.211.215.311.560.220.....	Droxidopa
D02.092.211.215.311.560.651.....	Normetanephrine
D02.092.211.215.501.....	Histamine
D02.092.211.215.501.621.....	Methylhistamines
D02.092.211.215.581.....	2-Hydroxyphenethylamine
D02.092.211.215.801.....	Tryptamines
D02.092.211.215.801.451.....	N,N-Dimethyltryptamine
D02.092.211.215.801.451.601.....	Methoxydimethyltryptamines
D02.092.211.215.801.852.....	Serotonin
D02.092.211.215.801.852.611.....	5-Methoxytryptamine
D02.092.211.215.811.....	Tyramine
D02.092.211.215.811.651.....	Octopamine
D02.092.211.215.811.875.....	Synephrine
D02.092.211.415.....	Biogenic Polyamines
D02.092.211.415.261.....	Cadaverine
D02.092.211.415.701.....	Putrescine
D02.092.211.415.701.801.....	Spermidine
D02.092.211.415.701.801.821.....	Spermine
D02.092.264.....	Butylamines
D02.092.311.....	Catecholamines
D02.092.311.200.....	Dihydroxyphenylalanine
D02.092.311.200.180.....	Cysteinyl-dopa
D02.092.311.200.480.....	Levodopa
D02.092.311.200.538.....	Methyldopa

## 2018 MeSH Tree Hierarchy

Tree location
D02.092.311.200.538.200.....Carbidopa
D02.092.311.220.....Dobutamine
D02.092.311.342.....Dopamine
D02.092.311.342.300.....Deoxyepinephrine
D02.092.311.342.478.....Hydroxydopamines
D02.092.311.342.478.650.....Oxidopamine
D02.092.311.461.....Epinephrine
D02.092.311.461.200.....Deoxyepinephrine
D02.092.311.461.400.....Metanephrine
D02.092.311.461.651.....Normetanephrine
D02.092.311.461.825.....Racepinephrine
D02.092.311.649.....Isoproterenol
D02.092.311.660.....Metaproterenol
D02.092.311.660.300.....Fenoterol
D02.092.311.830.....Norepinephrine
D02.092.311.830.220.....Droxidopa
D02.092.311.830.400.....Nordefrin
D02.092.348.....Chloramines
D02.092.384.....Cyclohexylamines
D02.092.384.175.....Bromhexine
D02.092.384.175.100.....Ambroxol
D02.092.471.....Ethylamines
D02.092.471.200.....Cystamine
D02.092.471.245.....Dibenzylchlorethamine
D02.092.471.302.....Diethylamines
D02.092.471.302.500.....Propanidid
D02.092.471.308.....Diethylpropion
D02.092.471.320.....Diphenhydramine
D02.092.471.320.250.....Dimenhydrinate
D02.092.471.440.....Histamine
D02.092.471.440.500.....Methylhistamines
D02.092.471.562.....Mercaptoethylamines
D02.092.471.562.369.....Cysteamine
D02.092.471.600.....Orphenadrine
D02.092.471.683.....Phenethylamines
D02.092.471.683.061.....Albuterol
D02.092.471.683.061.125.....Albuterol, Ipratropium Drug Combination
D02.092.471.683.061.500.....Levalbuterol
D02.092.471.683.061.750.....Salmeterol Xinafoate
D02.092.471.683.061.750.500.....Fluticasone-Salmeterol Drug Combination
D02.092.471.683.152.....Amphetamines

## 2018 MeSH Tree Hierarchy

Tree location
D02.092.471.683.152.110.....Amphetamine
D02.092.471.683.152.110.200.....Dextroamphetamine
D02.092.471.683.152.110.200.500.....Lisdexamfetamine Dimesylate
D02.092.471.683.152.200.....p-Chloroamphetamine
D02.092.471.683.152.391.....2,5-Dimethoxy-4-Methylamphetamine
D02.092.471.683.152.500.....p-Hydroxyamphetamine
D02.092.471.683.152.535.....lofetamine
D02.092.471.683.152.619.....Methamphetamine
D02.092.471.683.152.619.307.....Benzphetamine
D02.092.471.683.152.660.....3,4-Methylenedioxyamphetamine
D02.092.471.683.152.670.....N-Methyl-3,4-methylenedioxyamphetamine
D02.092.471.683.152.766.....Phentermine
D02.092.471.683.152.766.262.....Chlorphentermine
D02.092.471.683.152.766.617.....Mephentermine
D02.092.471.683.221.....Butoxamine
D02.092.471.683.338.....Dexfenfluramine
D02.092.471.683.386.....Dimethoxyphenylethylamine
D02.092.471.683.410.....Dobutamine
D02.092.471.683.430.....Ephedrine
D02.092.471.683.450.....Fendiline
D02.092.471.683.467.....Fenfluramine
D02.092.471.683.467.500.....Norfenfluramine
D02.092.471.683.530.....Hexoprenaline
D02.092.471.683.545.....2-Hydroxyphenethylamine
D02.092.471.683.560.....Isoxsuprine
D02.092.471.683.635.....Mescaline
D02.092.471.683.661.....Methoxamine
D02.092.471.683.670.....p-Methoxy-N-methylphenethylamine
D02.092.471.683.715.....Nylidrin
D02.092.471.683.725.....Octopamine
D02.092.471.683.775.....Oxyfedrine
D02.092.471.683.825.....Prenylamine
D02.092.471.683.847.....Pseudoephedrine
D02.092.471.683.870.....Ritodrine
D02.092.471.683.915.....Selegiline
D02.092.471.683.934.....Suloctidil
D02.092.471.683.943.....Tiapamil Hydrochloride
D02.092.471.683.948.....Venlafaxine Hydrochloride
D02.092.471.683.953.....Verapamil
D02.092.471.683.953.395.....Gallopamil
D02.092.471.739.....Phenoxybenzamine



## 2018 MeSH Tree Hierarchy

Tree location
D02.092.471.869.....Tiapride Hydrochloride
D02.092.570.....Hydroxylamines
D02.092.570.050.....Aminooxyacetic Acid
D02.092.570.394.....Hydroxamic Acids
D02.092.570.394.150.....Bufexamac
D02.092.570.394.265.....Deferoxamine
D02.092.570.394.380.....Ferrichrome
D02.092.570.450.....4-Hydroxyaminoquinoline-1-oxide
D02.092.570.665.....Oximes
D02.092.570.665.250.....Fluvoxamine
D02.092.570.665.500.....Obidoxime Chloride
D02.092.570.665.535.....Pralidoxime Compounds
D02.092.570.665.810.....Technetium Tc 99m Exametazime
D02.092.570.665.850.....Trimedoxime
D02.092.650.....Mannich Bases
D02.092.668.....Methylamines
D02.092.668.387.....Dimethylamines
D02.092.668.387.500.....Moxisylyte
D02.092.668.387.750.....Tramadol
D02.092.705.....1-Naphthylamine
D02.092.705.800.....Sertraline
D02.092.710.....2-Naphthylamine
D02.092.782.....Polyamines
D02.092.782.200.....Colestipol
D02.092.782.258.....Diamines
D02.092.782.258.174.....Cadaverine
D02.092.782.258.368.....Ethylenediamines
D02.092.782.258.368.050.....Aminophylline
D02.092.782.258.368.250.....Edetic Acid
D02.092.782.258.368.257.....Egtazic Acid
D02.092.782.258.368.265.....Ethambutol
D02.092.782.258.368.500.....Methapyrilene
D02.092.782.258.368.880.....Trientine
D02.092.782.258.368.900.....Tripelennamine
D02.092.782.258.651.....Phenylenediamines
D02.092.782.258.651.900.....Tetramethylphenylenediamine
D02.092.782.258.784.....Putrescine
D02.092.782.420.....Hexadimethrine Bromide
D02.092.782.500.....Methenamine
D02.092.782.590.....Pentetic Acid
D02.092.782.590.401.....Gadolinium DTPA

## 2018 MeSH Tree Hierarchy

Tree location	
D02.092.782.590.883.....	Technetium Tc 99m Pentetate
D02.092.782.634.....	Sevelamer
D02.092.782.677.....	Spermidine
D02.092.782.802.....	Spermine
D02.092.831.....	Propylamines
D02.092.831.085.....	Atomoxetine Hydrochloride
D02.092.831.170.....	Citalopram
D02.092.831.180.....	Clorgyline
D02.092.831.280.....	Fluoxetine
D02.092.831.500.....	Mexiletine
D02.092.831.690.....	Promethazine
D02.092.831.845.....	Tranlycypromine
D02.092.877.....	Quaternary Ammonium Compounds
D02.092.877.096.....	Benzylammonium Compounds
D02.092.877.096.019.....	Ambenonium Chloride
D02.092.877.096.040.....	Benzalkonium Compounds
D02.092.877.096.082.....	Benzethonium
D02.092.877.096.166.....	Bephenium Compounds
D02.092.877.096.333.....	Bretylum Compounds
D02.092.877.096.333.150.....	Bretylum Tosylate
D02.092.877.233.....	Betalains
D02.092.877.233.500.....	Betacyanins
D02.092.877.233.555.....	Betaxanthins
D02.092.877.250.....	Bis-Trimethylammonium Compounds
D02.092.877.250.372.....	Decamethonium Compounds
D02.092.877.250.592.....	Hexamethonium Compounds
D02.092.877.250.592.400.....	Hexamethonium
D02.092.877.310.....	Butylscopolammonium Bromide
D02.092.877.370.....	Emepronium
D02.092.877.400.....	Gallamine Triethiodide
D02.092.877.425.....	Glycopyrrolate
D02.092.877.435.....	Hemicholinium 3
D02.092.877.475.....	Lissamine Green Dyes
D02.092.877.648.....	Oxyphenonium
D02.092.877.674.....	Phenylammonium Compounds
D02.092.877.674.033.....	(4-(m-Chlorophenylcarbamoxyloxy)-2-butynyl)trimethylammonium Chloride
D02.092.877.674.333.....	Edrophonium
D02.092.877.674.666.....	Neostigmine
D02.092.877.700.....	Propantheline
D02.092.877.787.....	Tetraethylammonium Compounds
D02.092.877.787.500.....	Tetraethylammonium

## 2018 MeSH Tree Hierarchy

Tree location
D02.092.877.844.....Toxiferine
D02.092.877.844.050.....Alcuronium
D02.092.877.883.....Trimethyl Ammonium Compounds
D02.092.877.883.077.....Betaine
D02.092.877.883.088.....Bethanechol Compounds
D02.092.877.883.088.100.....Bethanechol
D02.092.877.883.099.....Carnitine
D02.092.877.883.099.090.....Acetylcarnitine
D02.092.877.883.099.700.....Palmitoylcarnitine
D02.092.877.883.111.....Cetrimonium Compounds
D02.092.877.883.222.....Chlorisondamine
D02.092.877.883.277.....Chlormequat
D02.092.877.883.333.....Choline
D02.092.877.883.333.100.....Benzoylcholine
D02.092.877.883.333.115.....Carbachol
D02.092.877.883.333.130.....Cytidine Diphosphate Choline
D02.092.877.883.333.700.....Phosphorylcholine
D02.092.877.883.333.710.....Platelet Activating Factor
D02.092.877.883.333.720.....Propylbenzilylcholine Mustard
D02.092.877.883.333.780.....Succinylcholine
D02.092.877.883.333.800.....Thiocholine
D02.092.877.883.333.800.030.....Acetylthiocholine
D02.092.877.883.333.800.200.....Butyrylthiocholine
D02.092.877.883.555.....Methacholine Compounds
D02.092.877.883.555.500.....Methacholine Chloride
D02.092.877.883.777.....Muscarine
D02.092.877.922.....Tubocurarine
D02.113.....Anhydrides
D02.113.075.....Acetic Anhydrides
D02.113.250.....Citraconic Anhydrides
D02.113.450.....Maleic Anhydrides
D02.113.600.....Phthalic Anhydrides
D02.113.650.....Polyanhydrides
D02.113.700.....Succinic Anhydrides
D02.145.....Aza Compounds
D02.145.074.....Azabicyclo Compounds
D02.145.074.444.....Granisetron
D02.145.074.722.....Tropanes
D02.145.074.722.229.....Atropine Derivatives
D02.145.074.722.229.199.....Atropine
D02.145.074.722.229.199.500.....Hyoscyamine

## 2018 MeSH Tree Hierarchy

Tree location
D02.145.074.722.229.400.....Ipratropium
D02.145.074.722.229.400.500.....Albuterol, Ipratropium Drug Combination
D02.145.074.722.270.....Benztropine
D02.145.074.722.388.....Cocaine
D02.145.074.722.388.250.....Crack Cocaine
D02.145.074.722.744.....Nortropanes
D02.145.074.722.822.....Scopolamine Derivatives
D02.145.074.722.822.200.....Butylscopolammonium Bromide
D02.145.074.722.822.550.....N-Methylscopolamine
D02.145.074.722.822.775.....Scopolamine Hydrobromide
D02.145.074.722.822.887.....Tiotropium Bromide
D02.145.150.....Azacididine
D02.145.250.....Azaguanine
D02.145.451.....Azauridine
D02.159.....Azides
D02.172.....Azo Compounds
D02.172.025.....Amaranth Dye
D02.172.029.....Amido Black
D02.172.030.....o-Aminoazotoluene
D02.172.032.....p-Aminoazobenzene
D02.172.040.....Arsenazo III
D02.172.045.....p-Azobenzeneearsonate
D02.172.080.....Azoxymethane
D02.172.080.200.....Cycasin
D02.172.080.600.....Methylazoxymethanol Acetate
D02.172.300.....Diamide
D02.172.383.....Diazonium Compounds
D02.172.383.383.....Diazomethane
D02.172.508.....Diazo oxonorleucine
D02.172.530.....Dithizone
D02.172.560.....Evans Blue
D02.172.600.....Formazans
D02.172.950.....Tartrazine
D02.172.975.....Trypan Blue
D02.203.....Boron Compounds
D02.203.087.....Boranes
D02.203.087.050.....Borohydrides
D02.203.087.050.750.....Tetraphenylborate
D02.203.130.....Boric Acids
D02.203.130.075.....Borates
D02.203.187.....Borinic Acids

## 2018 MeSH Tree Hierarchy

Tree location
D02.203.200.....Boronic Acids
D02.203.200.500.....Bortezomib
D02.241.....Carboxylic Acids
D02.241.081.....Acids, Acyclic
D02.241.081.018.....Acetates
D02.241.081.018.110.....Acetamides
D02.241.081.018.110.080.....2-Acetylaminofluorene
D02.241.081.018.110.080.070.....Acetoxyacetylaminofluorene
D02.241.081.018.110.080.400.....Hydroxyacetylaminofluorene
D02.241.081.018.110.189.....Allylisopropylacetamide
D02.241.081.018.110.400.....Iodoacetamide
D02.241.081.018.110.525.....Linezolid
D02.241.081.018.110.650.....Piracetam
D02.241.081.018.110.786.....Thioacetamide
D02.241.081.018.165.....Acetic Acid
D02.241.081.018.165.249.....Potassium Acetate
D02.241.081.018.165.500.....Sodium Acetate
D02.241.081.018.165.750.....Zinc Acetate
D02.241.081.018.193.....Acetic Anhydrides
D02.241.081.018.207.....Aminoxyacetic Acid
D02.241.081.018.214.....Chloroacetates
D02.241.081.018.214.500.....Dichloroacetic Acid
D02.241.081.018.214.750.....Trichloroacetic Acid
D02.241.081.018.253.....Edetic Acid
D02.241.081.018.269.....Egtazic Acid
D02.241.081.018.285.....Fluoroacetates
D02.241.081.018.285.500.....Trifluoroacetic Acid
D02.241.081.018.386.....Glycolates
D02.241.081.018.386.682.....Phenoxyacetates
D02.241.081.018.386.682.224.....2,4-Dichlorophenoxyacetic Acid
D02.241.081.018.386.682.224.500.....Agent Orange
D02.241.081.018.386.682.300.....Ethacrynic Acid
D02.241.081.018.386.682.500.....2-Methyl-4-chlorophenoxyacetic Acid
D02.241.081.018.386.682.800.....2,4,5-Trichlorophenoxyacetic Acid
D02.241.081.018.386.682.800.500.....Agent Orange
D02.241.081.018.386.682.850.....Halofenate
D02.241.081.018.386.682.875.....Meclofenoxate
D02.241.081.018.386.682.900.....Ticrynafen
D02.241.081.018.487.....Iodoacetates
D02.241.081.018.487.249.....Iodoacetamide
D02.241.081.018.487.500.....Iodoacetic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.081.018.588.....Nitritotriacetic Acid
D02.241.081.018.639.....Pentetic Acid
D02.241.081.018.639.400.....Gadolinium DTPA
D02.241.081.018.639.883.....Technetium Tc 99m Pentetate
D02.241.081.018.664.....Peracetic Acid
D02.241.081.018.677.....Phosphonoacetic Acid
D02.241.081.018.677.250.....Foscarnet
D02.241.081.018.900.....Thioglycolates
D02.241.081.069.....Acrylates
D02.241.081.069.094.....Acrylamides
D02.241.081.069.094.015.....Acrylamide
D02.241.081.069.366.....Cyanoacrylates
D02.241.081.069.366.200.....Bucrylate
D02.241.081.069.366.350.....Enbucrilate
D02.241.081.069.600.....Methacrylates
D02.241.081.069.600.150.....Bisphenol A-Glycidyl Methacrylate
D02.241.081.069.600.575.....Strobilurins
D02.241.081.069.800.....Polymethacrylic Acids
D02.241.081.069.800.550.....Methylmethacrylates
D02.241.081.069.800.550.450.....Methylmethacrylate
D02.241.081.069.800.550.500.....Polymethyl Methacrylate
D02.241.081.069.800.700.....Polyhydroxyethyl Methacrylate
D02.241.081.069.920.....Urocanic Acid
D02.241.081.114.....Butyrates
D02.241.081.114.500.....Aminobutyrates
D02.241.081.114.500.350.....gamma-Aminobutyric Acid
D02.241.081.114.500.350.100.....Baclofen
D02.241.081.114.500.350.500.....Pregabalin
D02.241.081.114.500.350.900.....Vigabatrin
D02.241.081.114.625.....Bendamustine Hydrochloride
D02.241.081.114.750.....Butyric Acid
D02.241.081.114.875.....Crotonates
D02.241.081.114.937.....Hydroxybutyrates
D02.241.081.114.937.349.....3-Hydroxybutyric Acid
D02.241.081.114.937.700.....Sodium Oxybate
D02.241.081.114.968.....Isobutyrates
D02.241.081.114.968.249.....Aminoisobutyric Acids
D02.241.081.114.968.500.....Fibric Acids
D02.241.081.114.968.500.249.....Bezafibrate
D02.241.081.114.968.500.374.....Clofenapate
D02.241.081.114.968.500.500.....Clofibrac Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.081.114.968.500.500.195.....Clofibrate
D02.241.081.114.968.500.625.....Fenofibrate
D02.241.081.114.968.500.750.....Gemfibrozil
D02.241.081.193.....Caproates
D02.241.081.193.150.....Aminocaproates
D02.241.081.193.150.075.....Aminocaproic Acid
D02.241.081.193.678.....Mycophenolic Acid
D02.241.081.193.839.....Penicillic Acid
D02.241.081.222.....Caprylates
D02.241.081.251.....Carbamates
D02.241.081.251.022.....Albendazole
D02.241.081.251.046.....Aldicarb
D02.241.081.251.125.....Benomyl
D02.241.081.251.133.....Bethanechol Compounds
D02.241.081.251.133.100.....Bethanechol
D02.241.081.251.140.....Carbadox
D02.241.081.251.145.....Carbamyl Phosphate
D02.241.081.251.150.....Carbaryl
D02.241.081.251.165.....Carisoprodol
D02.241.081.251.203.....Cobicistat
D02.241.081.251.203.500.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D02.241.081.251.222.....Darunavir
D02.241.081.251.240.....Diethylcarbamazine
D02.241.081.251.320.....Fenbendazole
D02.241.081.251.415.....Mebendazole
D02.241.081.251.510.....Meprobamate
D02.241.081.251.525.....Methomyl
D02.241.081.251.583.....Phenylcarbamates
D02.241.081.251.583.166.....Carbofuran
D02.241.081.251.583.177.....Chlorpropham
D02.241.081.251.583.555.....Methiocarb
D02.241.081.251.583.577.....Methocarbamol
D02.241.081.251.583.682.....Physostigmine
D02.241.081.251.583.788.....Propoxur
D02.241.081.251.583.799.....Pyridinolcarbamate
D02.241.081.251.583.899.....Rivastigmine
D02.241.081.251.869.....Thiocarbamates
D02.241.081.251.869.210.....Dimethyldithiocarbamate
D02.241.081.251.869.210.800.....Thiram
D02.241.081.251.869.210.925.....Ziram
D02.241.081.251.869.220.....Ditiocarb

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.081.251.869.220.250.....Disulfiram
D02.241.081.251.869.265.....Ethylenebis(dithiocarbamates)
D02.241.081.251.869.265.441.....Maneb
D02.241.081.251.869.265.908.....Zineb
D02.241.081.251.869.791.....Tolnaftate
D02.241.081.251.869.820.....Triallate
D02.241.081.251.890.....Thiophanate
D02.241.081.251.944.....Urethane
D02.241.081.251.944.500.....Nitrosomethylurethane
D02.241.081.251.944.750.....Polyurethanes
D02.241.081.337.....Dicarboxylic Acids
D02.241.081.337.052.....Adipates
D02.241.081.337.052.075.....2-Aminoadipic Acid
D02.241.081.337.052.250.....Dimethyl Adipimidate
D02.241.081.337.075.....Bongkreic Acid
D02.241.081.337.302.....Fumarates
D02.241.081.337.302.500.....Dimethyl Fumarate
D02.241.081.337.351.....Glutarates
D02.241.081.337.351.300.....Formiminoglutamic Acid
D02.241.081.337.351.502.....Ketoglutaric Acids
D02.241.081.337.351.550.....Meglutol
D02.241.081.337.463.....Malates
D02.241.081.337.463.703.....Thiomalates
D02.241.081.337.463.703.451.....Gold Sodium Thiomalate
D02.241.081.337.502.....Maleates
D02.241.081.337.502.524.....Maleimides
D02.241.081.337.502.524.418.....Ethylmaleimide
D02.241.081.337.540.....Malonates
D02.241.081.337.540.500.....Methylmalonic Acid
D02.241.081.337.540.700.....Phenylethylmalonamide
D02.241.081.337.593.....Oxalates
D02.241.081.337.593.750.....Oxalic Acid
D02.241.081.337.593.750.500.....Calcium Oxalate
D02.241.081.337.593.812.....Oxaloacetates
D02.241.081.337.593.812.750.....Oxaloacetic Acid
D02.241.081.337.699.....Pimelic Acids
D02.241.081.337.699.250.....Diaminopimelic Acid
D02.241.081.337.759.....Succinates
D02.241.081.337.759.124.....Argininosuccinic Acid
D02.241.081.337.759.249.....Diocetyl Sulfosuccinic Acid
D02.241.081.337.759.500.....Succimer



## 2018 MeSH Tree Hierarchy

Tree location
D02.241.081.337.759.500.725.....Technetium Tc 99m Dimercaptosuccinic Acid
D02.241.081.337.759.625.....Succinic Acid
D02.241.081.337.759.750.....Succinic Anhydrides
D02.241.081.337.759.875.....Succinylcholine
D02.241.081.337.864.....Tartrates
D02.241.081.337.902.....Tartronates
D02.241.081.420.....Formates
D02.241.081.420.500.....Formamides
D02.241.081.420.500.387.....Dimethylformamide
D02.241.081.420.750.....Formic Acid Esters
D02.241.081.420.750.250.....Diethyl Pyrocarbonate
D02.241.081.583.....Imino Acids
D02.241.081.583.100.....Azetidinecarboxylic Acid
D02.241.081.583.400.....Technetium Tc 99m Diethyl-iminodiacetic Acid
D02.241.081.583.450.....Technetium Tc 99m Disofenin
D02.241.081.583.900.....Technetium Tc 99m Lidofenin
D02.241.081.751.....Propionates
D02.241.081.751.080.....3-Mercaptopropionic Acid
D02.241.081.751.120.....Dextropropoxyphene
D02.241.081.751.161.....Flurbiprofen
D02.241.081.751.324.....Levopropoxyphene
D02.241.081.751.512.....Nafenopin
D02.241.081.844.....Sugar Acids
D02.241.081.844.107.....Ascorbic Acid
D02.241.081.844.107.260.....Dehydroascorbic Acid
D02.241.081.844.200.....2,3-Diketogulonic Acid
D02.241.081.844.300.....Glucaric Acid
D02.241.081.844.322.....Gluconates
D02.241.081.844.322.060.....Antimony Sodium Gluconate
D02.241.081.844.322.200.....Calcium Gluconate
D02.241.081.844.387.....Glyceric Acids
D02.241.081.844.387.388.....Diphosphoglyceric Acids
D02.241.081.844.387.388.175.....2,3-Diphosphoglycerate
D02.241.081.844.520.....Muramic Acids
D02.241.081.844.562.....Neuraminic Acids
D02.241.081.844.562.668.....Sialic Acids
D02.241.081.844.562.668.050.....N-Acetylneuraminic Acid
D02.241.081.844.562.668.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D02.241.081.844.562.668.775.....Zanamivir
D02.241.081.844.759.....Tartrates
D02.241.081.844.821.....Tartronates

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.081.844.915.....Uronic Acids
D02.241.081.844.915.162.....Glucuronates
D02.241.081.844.915.162.249.....Glucuronic Acid
D02.241.081.844.915.162.500.....Glucuronides
D02.241.081.844.915.400.....Hexuronic Acids
D02.241.081.844.915.400.500.....Iduronic Acid
D02.241.081.901.....Tricarboxylic Acids
D02.241.081.901.177.....Aconitic Acid
D02.241.081.901.400.....1-Carboxyglutamic Acid
D02.241.081.901.434.....Citrates
D02.241.081.901.434.249.....Citric Acid
D02.241.081.901.434.249.500.....Calcium Citrate
D02.241.081.901.434.249.750.....Potassium Citrate
D02.241.081.901.434.498.....Isocitrates
D02.241.081.944.....Valerates
D02.241.081.944.509.....Pentanoic Acids
D02.241.081.944.509.350.....Gemfibrozil
D02.241.081.944.509.900.....Valproic Acid
D02.241.081.944.550.....Proadifen
D02.241.152.....Acids, Aldehydic
D02.241.152.367.....Glyoxylates
D02.241.152.367.600.....Oxamic Acid
D02.241.152.811.....Uronic Acids
D02.241.152.811.162.....Glucuronates
D02.241.152.811.162.500.....Glucuronic Acid
D02.241.152.811.162.750.....Glucuronides
D02.241.152.811.400.....Hexuronic Acids
D02.241.152.811.400.500.....Iduronic Acid
D02.241.223.....Acids, Carbocyclic
D02.241.223.100.....Benzoates
D02.241.223.100.050.....Aminobenzoates
D02.241.223.100.050.300.....meta-Aminobenzoates
D02.241.223.100.050.300.100.....Acetrizic Acid
D02.241.223.100.050.300.200.....Bumetanide
D02.241.223.100.050.300.500.....Mesalamine
D02.241.223.100.050.400.....ortho-Aminobenzoates
D02.241.223.100.050.400.200.....Fenamates
D02.241.223.100.050.400.200.249.....Flufenamic Acid
D02.241.223.100.050.400.200.500.....Meclofenamic Acid
D02.241.223.100.050.400.200.555.....Mefenamic Acid
D02.241.223.100.050.400.200.777.....Niflumic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.223.100.050.400.300.....Glafenine
D02.241.223.100.050.400.400.....3-Hydroxyanthranilic Acid
D02.241.223.100.050.500.....para-Aminobenzoates
D02.241.223.100.050.500.625.....Acecainide
D02.241.223.100.050.500.640.....4-Aminobenzoic Acid
D02.241.223.100.050.500.642.....Aminosalicylic Acid
D02.241.223.100.050.500.645.....Ethopabate
D02.241.223.100.050.500.647.....Metoclopramide
D02.241.223.100.050.500.650.....p-Aminohippuric Acid
D02.241.223.100.050.500.687.....Benzocaine
D02.241.223.100.050.500.700.....Cisapride
D02.241.223.100.050.500.875.....Procainamide
D02.241.223.100.050.500.906.....Procaine
D02.241.223.100.050.500.906.666.....Penicillin G Procaine
D02.241.223.100.050.500.937.....Propoxycaine
D02.241.223.100.050.500.968.....Tetracaine
D02.241.223.100.100.....Benzamides
D02.241.223.100.100.033.....Acecainide
D02.241.223.100.100.100.....Aminohippuric Acids
D02.241.223.100.100.100.100.....p-Aminohippuric Acid
D02.241.223.100.100.120.....Bezafibrate
D02.241.223.100.100.135.....Cisapride
D02.241.223.100.100.230.....DEET
D02.241.223.100.100.240.....Dinitolmide
D02.241.223.100.100.400.....Hippurates
D02.241.223.100.100.400.500.....Iodohippuric Acid
D02.241.223.100.100.435.....Imatinib Mesylate
D02.241.223.100.100.470.....Indoramin
D02.241.223.100.100.510.....Metoclopramide
D02.241.223.100.100.600.....Moclobemide
D02.241.223.100.100.650.....Procainamide
D02.241.223.100.100.655.....Procarbazine
D02.241.223.100.100.761.....Raclopride
D02.241.223.100.100.796.....Remoxipride
D02.241.223.100.100.866.....Sulpiride
D02.241.223.100.100.933.....Tiapride Hydrochloride
D02.241.223.100.120.....Benzoic Acid
D02.241.223.100.120.500.....Sodium Benzoate
D02.241.223.100.133.....Benzoyl Peroxide
D02.241.223.100.133.500.....Adapalene, Benzoyl Peroxide Drug Combination
D02.241.223.100.141.....Benzoylcholine

## 2018 MeSH Tree Hierarchy

Tree location	
D02.241.223.100.150.....	Bromobenzoates
D02.241.223.100.150.500.....	Remoxipride
D02.241.223.100.200.....	Chlorobenzoates
D02.241.223.100.200.249.....	Bezafibrate
D02.241.223.100.200.311.....	Chloromercuribenzoates
D02.241.223.100.200.311.275.....	p-Chloromercuribenzoic Acid
D02.241.223.100.200.374.....	Cisapride
D02.241.223.100.200.500.....	Dicamba
D02.241.223.100.200.750.....	Metoclopramide
D02.241.223.100.200.875.....	Moclobemide
D02.241.223.100.200.937.....	Raclopride
D02.241.223.100.300.....	Hydroxybenzoates
D02.241.223.100.300.100.....	Depsides
D02.241.223.100.300.200.....	Gallic Acid
D02.241.223.100.300.200.299.....	Hydrolyzable Tannins
D02.241.223.100.300.200.600.....	Propyl Gallate
D02.241.223.100.300.300.....	3-Hydroxyanthranilic Acid
D02.241.223.100.300.350.....	Hydroxybenzoate Ethers
D02.241.223.100.300.350.500.....	Hexobendine
D02.241.223.100.300.350.625.....	Metoclopramide
D02.241.223.100.300.350.687.....	Propoxycaine
D02.241.223.100.300.350.750.....	Trimebutine
D02.241.223.100.300.350.875.....	Vanillic Acid
D02.241.223.100.300.400.....	Hydroxymercuribenzoates
D02.241.223.100.300.450.....	Pactamycin
D02.241.223.100.300.460.....	Parabens
D02.241.223.100.300.595.....	Salicylates
D02.241.223.100.300.595.100.....	Aminosalicylic Acids
D02.241.223.100.300.595.100.060.....	Aminosalicylic Acid
D02.241.223.100.300.595.100.540.....	Mesalamine
D02.241.223.100.300.595.202.....	Dicamba
D02.241.223.100.300.595.405.....	Gentisates
D02.241.223.100.300.595.608.....	Salicylic Acid
D02.241.223.100.300.595.608.500.....	Sodium Salicylate
D02.241.223.100.400.....	Iodobenzoates
D02.241.223.100.400.880.....	Triiodobenzoic Acids
D02.241.223.100.400.880.020.....	Acetrizoic Acid
D02.241.223.100.400.880.270.....	Diatrizoate
D02.241.223.100.400.880.270.500.....	Diatrizoate Meglumine
D02.241.223.100.400.880.375.....	Iodamide
D02.241.223.100.400.880.380.....	Iodipamide

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.223.100.400.880.390.....loglycamic Acid
D02.241.223.100.400.880.400.....Iohexol
D02.241.223.100.400.880.410.....Iopamidol
D02.241.223.100.400.880.430.....Iothalamic Acid
D02.241.223.100.400.880.430.500.....Iothalamate Meglumine
D02.241.223.100.400.880.450.....Ioxaglic Acid
D02.241.223.100.400.880.520.....Metrizamide
D02.241.223.100.400.880.530.....Metrizoic Acid
D02.241.223.100.500.....Mercuribenzoates
D02.241.223.100.500.261.....Chloromercuribenzoates
D02.241.223.100.500.261.275.....p-Chloromercuribenzoic Acid
D02.241.223.100.500.450.....Hydroxymercuribenzoates
D02.241.223.100.600.....Nitrobenzoates
D02.241.223.100.600.300.....Dithionitrobenzoic Acid
D02.241.223.200.....Cinnamates
D02.241.223.200.054.....Caffeic Acids
D02.241.223.200.054.500.....Eugenol
D02.241.223.200.185.....Chlorogenic Acid
D02.241.223.200.200.....Cinanserin
D02.241.223.200.210.....Coumaric Acids
D02.241.223.200.380.....Puromycin
D02.241.223.200.380.650.....Puromycin Aminonucleoside
D02.241.223.268.....Cyclohexanecarboxylic Acids
D02.241.223.268.034.....Abscisic Acid
D02.241.223.268.070.....Aurintricarboxylic Acid
D02.241.223.268.220.....Chlorogenic Acid
D02.241.223.268.250.....Chorismic Acid
D02.241.223.268.300.....Dicyclomine
D02.241.223.268.637.....Quinic Acid
D02.241.223.268.792.....Shikimic Acid
D02.241.223.268.825.....Tilidine
D02.241.223.268.860.....Tranexamic Acid
D02.241.223.475.....Mandelic Acids
D02.241.223.475.180.....Cyclandelate
D02.241.223.475.730.....Vanilmandelic Acid
D02.241.223.601.....Phenylacetates
D02.241.223.601.200.....Cyclopentolate
D02.241.223.601.210.....Diclofenac
D02.241.223.601.220.....3,4-Dihydroxyphenylacetic Acid
D02.241.223.601.238.....Diphenylacetic Acids
D02.241.223.601.238.306.....Benzilates

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.223.601.238.306.140.....Benactyzine
D02.241.223.601.238.306.740.....Quinuclidinyl Benzilate
D02.241.223.601.329.....Guanfacine
D02.241.223.601.375.....Halofenate
D02.241.223.601.421.....Homogentisic Acid
D02.241.223.601.521.....Homovanillic Acid
D02.241.223.601.600.....Methylphenidate
D02.241.223.601.600.500.....Dexmethylphenidate Hydrochloride
D02.241.223.601.774.....Propanidid
D02.241.223.651.....Phenylbutyrates
D02.241.223.701.....Phenylpropionates
D02.241.223.701.350.....Fenoprofen
D02.241.223.701.430.....Ibuprofen
D02.241.223.701.450.....Indoprofen
D02.241.223.701.480.....Ketoprofen
D02.241.223.701.700.....Suprofen
D02.241.223.751.....Phenylpyruvic Acids
D02.241.223.805.....Phthalic Acids
D02.241.223.805.225.....Dibutyl Phthalate
D02.241.223.805.250.....Diethylhexyl Phthalate
D02.241.223.805.780.....o-Phthalaldehyde
D02.241.223.805.800.....Phthalic Anhydrides
D02.241.223.805.810.....Phthalimides
D02.241.223.805.810.800.....Thalidomide
D02.241.400.....Esters
D02.241.444.....Humic Substances
D02.241.511.....Hydroxy Acids
D02.241.511.085.....Benzilates
D02.241.511.085.140.....Benactyzine
D02.241.511.085.740.....Quinuclidinyl Benzilate
D02.241.511.316.....Glycolates
D02.241.511.316.455.....Halofenate
D02.241.511.316.495.....Meclofenoxate
D02.241.511.316.682.....Phenoxyacetates
D02.241.511.316.682.149.....2,4-Dichlorophenoxyacetic Acid
D02.241.511.316.682.149.500.....Agent Orange
D02.241.511.316.682.200.....Ethacrynic Acid
D02.241.511.316.682.224.....2-Methyl-4-chlorophenoxyacetic Acid
D02.241.511.316.682.800.....2,4,5-Trichlorophenoxyacetic Acid
D02.241.511.316.682.800.500.....Agent Orange
D02.241.511.316.682.900.....Ticrynafen

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.511.372.....Hydroxamic Acids
D02.241.511.372.150.....Bufexamac
D02.241.511.372.265.....Deferoxamine
D02.241.511.372.380.....Ferrichrome
D02.241.511.390.....Hydroxybenzoates
D02.241.511.390.100.....Depsidic Acids
D02.241.511.390.200.....Gallic Acid
D02.241.511.390.200.299.....Hydrolyzable Tannins
D02.241.511.390.200.600.....Propyl Gallate
D02.241.511.390.300.....3-Hydroxyanthranilic Acid
D02.241.511.390.350.....Hydroxybenzoate Ethers
D02.241.511.390.350.500.....Hexobendine
D02.241.511.390.350.625.....Metoclopramide
D02.241.511.390.350.687.....Propoxycaine
D02.241.511.390.350.750.....Trimebutine
D02.241.511.390.350.875.....Vanillic Acid
D02.241.511.390.400.....Hydroxymercuribenzoates
D02.241.511.390.450.....Pactamycin
D02.241.511.390.460.....Parabens
D02.241.511.390.595.....Salicylates
D02.241.511.390.595.100.....Aminosalicylic Acids
D02.241.511.390.595.100.060.....Aminosalicylic Acid
D02.241.511.390.595.100.540.....Mesalamine
D02.241.511.390.595.202.....Dicamba
D02.241.511.390.595.405.....Gentisates
D02.241.511.390.595.608.....Salicylic Acid
D02.241.511.390.595.608.500.....Sodium Salicylate
D02.241.511.429.....Hydroxybutyrates
D02.241.511.429.349.....3-Hydroxybutyric Acid
D02.241.511.429.700.....Sodium Oxybate
D02.241.511.459.....Lactates
D02.241.511.459.450.....Lactic Acid
D02.241.511.459.800.....Sodium Lactate
D02.241.511.505.....Malates
D02.241.511.536.....Mandelic Acids
D02.241.511.536.180.....Cyclandelate
D02.241.511.536.730.....Vanilmandelic Acid
D02.241.511.579.....Mevalonic Acid
D02.241.511.621.....Mycolic Acids
D02.241.511.701.....Phosphoenolpyruvate
D02.241.511.764.....Quinic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.241.511.852.....Shikimic Acid
D02.241.511.902.....Sugar Acids
D02.241.511.902.107.....Ascorbic Acid
D02.241.511.902.107.260.....Dehydroascorbic Acid
D02.241.511.902.200.....2,3-Diketogulonic Acid
D02.241.511.902.300.....Glucaric Acid
D02.241.511.902.322.....Gluconates
D02.241.511.902.322.060.....Antimony Sodium Gluconate
D02.241.511.902.322.200.....Calcium Gluconate
D02.241.511.902.387.....Glyceric Acids
D02.241.511.902.387.388.....Diphosphoglyceric Acids
D02.241.511.902.387.388.175.....2,3-Diphosphoglycerate
D02.241.511.902.522.....Muramic Acids
D02.241.511.902.562.....Neuraminic Acids
D02.241.511.902.562.668.....Sialic Acids
D02.241.511.902.562.668.050.....N-Acetylneuraminic Acid
D02.241.511.902.562.668.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D02.241.511.902.562.668.775.....Zanamivir
D02.241.511.902.759.....Tartrates
D02.241.511.902.821.....Tartronates
D02.241.511.902.915.....Uronic Acids
D02.241.511.902.915.162.....Glucuronates
D02.241.511.902.915.162.500.....Glucuronic Acid
D02.241.511.902.915.162.750.....Glucuronides
D02.241.511.902.915.400.....Hexuronic Acids
D02.241.511.902.915.400.500.....Iduronic Acid
D02.241.755.....Keto Acids
D02.241.755.080.....Acetoacetates
D02.241.755.360.....Hippurates
D02.241.755.360.192.....Aminohippuric Acids
D02.241.755.360.192.100.....p-Aminohippuric Acid
D02.241.755.360.579.....Iodohippuric Acid
D02.241.755.465.....Ketoglutaric Acids
D02.241.755.547.....Levulinic Acids
D02.241.755.547.276.....Aminolevulinic Acid
D02.241.755.648.....Oxaloacetates
D02.241.755.648.750.....Oxaloacetic Acid
D02.241.755.812.....Pyruvates
D02.241.755.812.601.....Phenylpyruvic Acids
D02.241.755.812.800.....Pyruvic Acid
D02.241.803.....Thioctic Acid



## 2018 MeSH Tree Hierarchy

Tree location
D02.251.....Catenanes
D02.251.500.....DNA, Catenated
D02.262.....Cyanates
D02.262.775.....Thiocyanates
D02.309.....Dioxins and Dioxin-like Compounds
D02.309.250.....Dibenzofurans, Polychlorinated
D02.309.500.....Dioxins
D02.309.500.450.....Polychlorinated Dibenzodioxins
D02.309.500.450.500.....Agent Orange
D02.309.750.....Polychlorinated Biphenyls
D02.309.750.500.....Aroclors
D02.309.750.500.077.....Chlorodiphenyl (54% Chlorine)
D02.355.....Ethers
D02.355.071.....Acetals
D02.355.291.....Ethers, Cyclic
D02.355.291.205.....Ciguatoxins
D02.355.291.308.....Crown Ethers
D02.355.291.411.....Epoxy Compounds
D02.355.291.411.400.....Epichlorohydrin
D02.355.291.411.408.....Ethoglucid
D02.355.291.411.417.....Ethylene Oxide
D02.355.291.411.658.....Mupirocin
D02.355.291.411.900.....Trichloroepoxypropane
D02.355.291.705.....Okadaic Acid
D02.355.291.852.....Oxepins
D02.355.291.852.500.....Doxepin
D02.355.291.866.....Oxocins
D02.355.354.....Ethoglucid
D02.355.417.....Ethyl Ethers
D02.355.417.332.....Ether
D02.355.417.515.....Flurothyl
D02.355.417.600.....Methoxyflurane
D02.355.417.650.....Phenetidine
D02.355.460.....Glyceryl Ethers
D02.355.460.750.....Phospholipid Ethers
D02.355.601.....Methyl Ethers
D02.355.601.200.....Anisoles
D02.355.601.200.100.....Anethole Trithione
D02.355.601.200.324.....Butylated Hydroxyanisole
D02.355.601.250.....Bis(Chloromethyl) Ether
D02.355.601.400.....Enflurane

## 2018 MeSH Tree Hierarchy

Tree location
D02.355.601.536.....Guaiacol
D02.355.601.536.400.....Guaifenesin
D02.355.601.536.400.500.....Methocarbamol
D02.355.601.570.....Isoflurane
D02.355.601.620.....Methoxyflurane
D02.355.726.....Phenyl Ethers
D02.355.726.158.....Anisoles
D02.355.726.158.100.....Anethole Trithione
D02.355.726.158.324.....Butylated Hydroxyanisole
D02.355.726.305.....Fibric Acids
D02.355.726.305.249.....Bezafibrate
D02.355.726.305.374.....Clofenapate
D02.355.726.305.500.....Clofibrac Acid
D02.355.726.305.500.195.....Clofibrate
D02.355.726.305.625.....Fenofibrate
D02.355.726.305.750.....Gemfibrozil
D02.355.726.453.....Guaiacol
D02.355.726.453.400.....Guaifenesin
D02.355.726.453.400.500.....Methocarbamol
D02.355.726.601.....Halogenated Diphenyl Ethers
D02.355.726.675.....Hydroxybenzoate Ethers
D02.355.726.750.....Phenetidine
D02.355.726.825.....Tiapamil Hydrochloride
D02.355.726.900.....Triclosan
D02.389.....Free Radicals
D02.389.338.....Peroxides
D02.389.338.055.....Artemisinins
D02.389.338.253.....Hydrogen Peroxide
D02.389.338.450.....Lipid Peroxides
D02.389.338.638.....Prostaglandin Endoperoxides
D02.389.338.638.600.....Prostaglandins G
D02.389.338.638.650.....Prostaglandins H
D02.389.338.638.650.500.....Prostaglandin H2
D02.389.338.638.650.500.500.....15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D02.389.338.732.....Superoxides
D02.389.338.825.....tert-Butylhydroperoxide
D02.389.338.912.....Tetraoxanes
D02.389.678.....Spin Labels
D02.389.678.900.....Triacetoneamine-N-Oxyl
D02.442.....Hydrazines
D02.442.175.....Benserazide

## 2018 MeSH Tree Hierarchy

Tree location	
D02.442.200.....	Carbidopa
D02.442.288.....	Hydrazones
D02.442.288.200.....	Carbonyl Cyanide m-Chlorophenyl Hydrazone
D02.442.288.220.....	Carbonyl Cyanide p-Trifluoromethoxyphenylhydrazone
D02.442.372.....	Iproniazid
D02.442.436.....	Isoniazid
D02.442.600.....	Methylhydrazines
D02.442.600.400.....	Dimethylhydrazines
D02.442.600.400.200.....	1,2-Dimethylhydrazine
D02.442.600.601.....	Monomethylhydrazine
D02.442.700.....	Phenelzine
D02.442.726.....	Phenylhydrazines
D02.442.726.200.....	Dithizone
D02.442.925.....	Todalazine
D02.455.....	Hydrocarbons
D02.455.326.....	Hydrocarbons, Acyclic
D02.455.326.146.....	Alkanes
D02.455.326.146.049.....	Acetogenins
D02.455.326.146.100.....	Alkanesulfonic Acids
D02.455.326.146.100.050.....	Alkanesulfonates
D02.455.326.146.100.050.490.....	Mesna
D02.455.326.146.100.050.500.....	Mesylates
D02.455.326.146.100.050.500.100.....	Busulfan
D02.455.326.146.100.050.500.300.....	Ethyl Methanesulfonate
D02.455.326.146.100.050.500.500.....	Methyl Methanesulfonate
D02.455.326.146.100.250.....	HEPES
D02.455.326.146.100.300.....	Isethionic Acid
D02.455.326.146.100.850.....	Taurine
D02.455.326.146.100.850.875.....	Taurocholic Acid
D02.455.326.146.100.850.875.900.....	Taurodeoxycholic Acid
D02.455.326.146.100.850.875.900.875.....	Taurochenodeoxycholic Acid
D02.455.326.146.100.850.875.925.....	Tauroolithocholic Acid
D02.455.326.146.216.....	Butanes
D02.455.326.146.216.500.....	Butylamines
D02.455.326.146.379.....	Ethane
D02.455.326.146.379.350.....	Ethylene Dichlorides
D02.455.326.146.432.....	Fumonisinis
D02.455.326.146.485.....	Heptanes
D02.455.326.146.485.222.....	Diarylheptanoids
D02.455.326.146.485.222.222.....	Curcumin
D02.455.326.146.500.....	Hexanes

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.326.146.571.....Methane
D02.455.326.146.571.850.....Tetranitromethane
D02.455.326.146.672.....Nitroparaffins
D02.455.326.146.672.800.....Tetranitromethane
D02.455.326.146.720.....Octanes
D02.455.326.146.770.....Pentanes
D02.455.326.146.800.....Propane
D02.455.326.271.....Alkenes
D02.455.326.271.060.....Polyunsaturated Alkamides
D02.455.326.271.060.222.....Capsaicin
D02.455.326.271.122.....Allyl Compounds
D02.455.326.271.122.100.....Allylamine
D02.455.326.271.122.100.500.....Colesevelam Hydrochloride
D02.455.326.271.122.260.....Allylglycine
D02.455.326.271.122.272.....Allylisopropylacetamide
D02.455.326.271.244.....Eneidyne
D02.455.326.271.244.500.....Zinostatin
D02.455.326.271.367.....Ethylenes
D02.455.326.271.367.300.....Dichloroethylenes
D02.455.326.271.665.....Polyenes
D02.455.326.271.665.146.....Alkadienes
D02.455.326.271.665.146.240.....Butadienes
D02.455.326.271.665.146.280.....Chloroprene
D02.455.326.271.665.155.....Aurodox
D02.455.326.271.665.202.....Carotenoids
D02.455.326.271.665.202.061.....Abscisic Acid
D02.455.326.271.665.202.123.....beta Carotene
D02.455.326.271.665.202.309.....Norisoprenoids
D02.455.326.271.665.202.495.....Retinoids
D02.455.326.271.665.202.495.050.....Acitretin
D02.455.326.271.665.202.495.250.....Etreinate
D02.455.326.271.665.202.495.270.....Fenretinide
D02.455.326.271.665.202.495.325.....Isotretinoin
D02.455.326.271.665.202.495.690.....Retinaldehyde
D02.455.326.271.665.202.495.818.....Vitamin A
D02.455.326.271.665.202.495.818.500.....Tretinoin
D02.455.326.271.665.202.868.....Xanthophylls
D02.455.326.271.665.202.868.249.....Canthaxanthin
D02.455.326.271.665.202.868.374.....Cryptoxanthins
D02.455.326.271.665.202.868.374.500.....Beta-Cryptoxanthin
D02.455.326.271.665.202.868.500.....Lutein

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.326.271.665.202.868.750.....Zeaxanthins
D02.455.326.271.665.202.912.....zeta Carotene
D02.455.326.271.665.250.....Diphenylhexatriene
D02.455.326.271.665.325.....Filipin
D02.455.326.271.665.400.....Mepartricin
D02.455.326.271.665.480.....Neoprene
D02.455.326.271.665.550.....Polyethylenes
D02.455.326.271.665.550.500.....Polyethylene
D02.455.326.271.665.550.600.....Polyethyleneimine
D02.455.326.271.665.590.....Polypropylenes
D02.455.326.271.665.616.....Polyvinyls
D02.455.326.271.665.806.....Squalene
D02.455.326.271.884.....Vinyl Compounds
D02.455.326.271.884.533.....Polyvinyls
D02.455.326.271.884.533.532.....Polyvinyl Alcohol
D02.455.326.271.884.533.565.....Polyvinyl Chloride
D02.455.326.271.884.533.660.....Polyvinylpyridine N-Oxide
D02.455.326.271.884.533.699.....Povidone
D02.455.326.271.884.533.710.....Povidone-Iodine
D02.455.326.271.884.750.....Vinyl Chloride
D02.455.326.397.....Alkynes
D02.455.326.397.259.....Acetylene
D02.455.326.397.300.....Carbocyanines
D02.455.326.397.325.....(4-(m-Chlorophenylcarbamoyloxy)-2-butynyl)trimethylammonium Chloride
D02.455.326.397.662.....Polyacetylenes
D02.455.326.397.662.500.....Diyne
D02.455.326.397.662.500.500.....Ene-diyne
D02.455.326.397.662.500.500.500.....Zinostatin
D02.455.326.397.675.....Polyunsaturated Alkamide
D02.455.426.....Hydrocarbons, Cyclic
D02.455.426.100.....Bridged-Ring Compounds
D02.455.426.100.050.....Adamantane
D02.455.426.100.050.035.....Amantadine
D02.455.426.100.050.035.500.....Memantine
D02.455.426.100.050.392.....Methanamine
D02.455.426.100.050.750.....Rimantadine
D02.455.426.100.080.....Bridged Bicyclo Compounds
D02.455.426.100.080.100.....Biperiden
D02.455.426.392.....Hydrocarbons, Alicyclic
D02.455.426.392.368.....Cycloparaffins
D02.455.426.392.368.075.....Adamantane

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.392.368.075.750.....Rimantadine
D02.455.426.392.368.138.....Cyclitols
D02.455.426.392.368.201.....Cyclobutanes
D02.455.426.392.368.242.....Cyclodecanes
D02.455.426.392.368.242.888.....Taxoids
D02.455.426.392.368.242.888.777.....Paclitaxel
D02.455.426.392.368.242.888.777.500.....Albumin-Bound Paclitaxel
D02.455.426.392.368.284.....Cycloheptanes
D02.455.426.392.368.284.049.....Azulenes
D02.455.426.392.368.284.100.....Bencyclane
D02.455.426.392.368.284.500.....Sesquiterpenes, Guaiane
D02.455.426.392.368.284.500.888.....Thapsigargin
D02.455.426.392.368.284.900.....Tropolone
D02.455.426.392.368.367.....Cyclohexanes
D02.455.426.392.368.367.190.....Cuprizone
D02.455.426.392.368.367.204.....Cyclamates
D02.455.426.392.368.367.218.....Cyclohexanecarboxylic Acids
D02.455.426.392.368.367.318.....Cyclohexanols
D02.455.426.392.368.367.318.500.....Desvenlafaxine Succinate
D02.455.426.392.368.367.318.750.....Venlafaxine Hydrochloride
D02.455.426.392.368.367.340.....Cyclohexanones
D02.455.426.392.368.367.379.....Cyclohexenes
D02.455.426.392.368.367.379.249.....Carotenoids
D02.455.426.392.368.367.379.249.024.....Abscisic Acid
D02.455.426.392.368.367.379.249.050.....beta Carotene
D02.455.426.392.368.367.379.249.375.....Norisoprenoids
D02.455.426.392.368.367.379.249.700.....Retinoids
D02.455.426.392.368.367.379.249.700.270.....Fenretinide
D02.455.426.392.368.367.379.249.700.325.....Isotretinoin
D02.455.426.392.368.367.379.249.700.690.....Retinaldehyde
D02.455.426.392.368.367.379.249.700.860.....Vitamin A
D02.455.426.392.368.367.379.249.700.860.500.....Tretinoin
D02.455.426.392.368.367.379.249.887.....Xanthophylls
D02.455.426.392.368.367.379.249.887.249.....Canthaxanthin
D02.455.426.392.368.367.379.249.887.374.....Cryptoxanthins
D02.455.426.392.368.367.379.249.887.374.500.....Beta-Cryptoxanthin
D02.455.426.392.368.367.379.249.887.500.....Lutein
D02.455.426.392.368.367.379.249.887.750.....Zeaxanthins
D02.455.426.392.368.367.379.249.925.....zeta Carotene
D02.455.426.392.368.367.379.374.....Chorismic Acid
D02.455.426.392.368.367.379.500.....Oseltamivir

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.392.368.367.379.750.....Shikimic Acid
D02.455.426.392.368.367.418.....Cyclohexylamines
D02.455.426.392.368.367.440.....Dicyclomine
D02.455.426.392.368.367.652.....Ketamine
D02.455.426.392.368.367.800.....Picrotoxin
D02.455.426.392.368.367.850.....Tiletamine
D02.455.426.392.368.367.900.....trans-1,4-Bis(2-chlorobenzaminomethyl)cyclohexane Dihydrochloride
D02.455.426.392.368.408.....Cyclooctanes
D02.455.426.392.368.408.333.....lprindole
D02.455.426.392.368.450.....Cyclopentanes
D02.455.426.392.368.450.350.....Cycloleucine
D02.455.426.392.368.533.....Cyclopropanes
D02.455.426.392.368.533.200.....Cilastatin
D02.455.426.392.368.533.450.....Hypoglycins
D02.455.426.559.....Hydrocarbons, Aromatic
D02.455.426.559.389.....Benzene Derivatives
D02.455.426.559.389.023.....Benzene
D02.455.426.559.389.048.....Benzeneacetamides
D02.455.426.559.389.048.088.....Bufexamac
D02.455.426.559.389.097.....Benzenesulfonates
D02.455.426.559.389.097.120.....Calcium Dobesilate
D02.455.426.559.389.097.150.....4-Chloromercuribenzenesulfonate
D02.455.426.559.389.097.175.....1,2-Dihydroxybenzene-3,5-Disulfonic Acid Disodium Salt
D02.455.426.559.389.097.250.....Ethamsylate
D02.455.426.559.389.097.280.....Ferrozine
D02.455.426.559.389.097.675.....Polyanetholesulfonate
D02.455.426.559.389.115.....Benzhydryl Compounds
D02.455.426.559.389.115.250.....Diphenhydramine
D02.455.426.559.389.115.250.250.....Dimenhydrinate
D02.455.426.559.389.115.475.....Meclizine
D02.455.426.559.389.115.500.....Methylenebis(chloroaniline)
D02.455.426.559.389.115.600.....Orphenadrine
D02.455.426.559.389.115.800.....Terfenadine
D02.455.426.559.389.115.900.....Tolterodine Tartrate
D02.455.426.559.389.127.....Benzoates
D02.455.426.559.389.127.020.....Aminobenzoates
D02.455.426.559.389.127.020.452.....meta-Aminobenzoates
D02.455.426.559.389.127.020.452.249.....Acetrizic Acid
D02.455.426.559.389.127.020.452.500.....Bumetanide
D02.455.426.559.389.127.020.452.750.....Mesalamine
D02.455.426.559.389.127.020.906.....ortho-Aminobenzoates

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.127.020.906.249.....3-Hydroxyanthranilic Acid
D02.455.426.559.389.127.020.906.750.....Fenamates
D02.455.426.559.389.127.020.906.750.249.....Flufenamic Acid
D02.455.426.559.389.127.020.906.750.500.....Meclofenamic Acid
D02.455.426.559.389.127.020.906.750.555.....Mefenamic Acid
D02.455.426.559.389.127.020.906.750.777.....Niflumic Acid
D02.455.426.559.389.127.020.906.875.....Glafenine
D02.455.426.559.389.127.020.937.....para-Aminobenzoates
D02.455.426.559.389.127.020.937.625.....Acecainide
D02.455.426.559.389.127.020.937.640.....4-Aminobenzoic Acid
D02.455.426.559.389.127.020.937.642.....Aminosalicylic Acid
D02.455.426.559.389.127.020.937.645.....Ethopabate
D02.455.426.559.389.127.020.937.647.....Metoclopramide
D02.455.426.559.389.127.020.937.650.....p-Aminohippuric Acid
D02.455.426.559.389.127.020.937.687.....Benzocaine
D02.455.426.559.389.127.020.937.700.....Cisapride
D02.455.426.559.389.127.020.937.875.....Procainamide
D02.455.426.559.389.127.020.937.906.....Procaine
D02.455.426.559.389.127.020.937.906.666.....Penicillin G Procaine
D02.455.426.559.389.127.020.937.937.....Propoxycaine
D02.455.426.559.389.127.020.937.968.....Tetracaine
D02.455.426.559.389.127.085.....Benzamides
D02.455.426.559.389.127.085.033.....Acecainide
D02.455.426.559.389.127.085.067.....Aminohippuric Acids
D02.455.426.559.389.127.085.067.100.....p-Aminohippuric Acid
D02.455.426.559.389.127.085.101.....Bezafibrate
D02.455.426.559.389.127.085.135.....Cisapride
D02.455.426.559.389.127.085.230.....DEET
D02.455.426.559.389.127.085.240.....Dinitolmide
D02.455.426.559.389.127.085.460.....Hippurates
D02.455.426.559.389.127.085.460.500.....Iodohippuric Acid
D02.455.426.559.389.127.085.465.....Imatinib Mesylate
D02.455.426.559.389.127.085.470.....Indoramin
D02.455.426.559.389.127.085.510.....Metoclopramide
D02.455.426.559.389.127.085.600.....Moclobemide
D02.455.426.559.389.127.085.650.....Procainamide
D02.455.426.559.389.127.085.655.....Procarbazine
D02.455.426.559.389.127.085.761.....Raclopride
D02.455.426.559.389.127.085.796.....Remoxipride
D02.455.426.559.389.127.085.866.....Sulpiride
D02.455.426.559.389.127.085.933.....Tiapride Hydrochloride



## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.127.117.....Benzoic Acid
D02.455.426.559.389.127.117.500.....Sodium Benzoate
D02.455.426.559.389.127.133.....Benzoyl Peroxide
D02.455.426.559.389.127.133.500.....Adapalene, Benzoyl Peroxide Drug Combination
D02.455.426.559.389.127.141.....Benzoylcholine
D02.455.426.559.389.127.150.....Bromobenzoates
D02.455.426.559.389.127.150.500.....Remoxipride
D02.455.426.559.389.127.250.....Chlorobenzoates
D02.455.426.559.389.127.250.249.....Bezafibrate
D02.455.426.559.389.127.250.311.....Chloromercuribenzoates
D02.455.426.559.389.127.250.311.275.....p-Chloromercuribenzoic Acid
D02.455.426.559.389.127.250.374.....Cisapride
D02.455.426.559.389.127.250.500.....Dicamba
D02.455.426.559.389.127.250.750.....Metoclopramide
D02.455.426.559.389.127.250.875.....Moclobemide
D02.455.426.559.389.127.250.937.....Raclopride
D02.455.426.559.389.127.281.....Hydroxybenzoates
D02.455.426.559.389.127.281.100.....Depsidic Acids
D02.455.426.559.389.127.281.200.....Gallic Acid
D02.455.426.559.389.127.281.200.299.....Hydrolyzable Tannins
D02.455.426.559.389.127.281.200.600.....Propyl Gallate
D02.455.426.559.389.127.281.350.....Hydroxybenzoate Ethers
D02.455.426.559.389.127.281.350.500.....Hexobendine
D02.455.426.559.389.127.281.350.625.....Metoclopramide
D02.455.426.559.389.127.281.350.687.....Propoxycaine
D02.455.426.559.389.127.281.350.750.....Trimebutine
D02.455.426.559.389.127.281.350.875.....Vanillic Acid
D02.455.426.559.389.127.281.400.....Hydroxymercuribenzoates
D02.455.426.559.389.127.281.450.....Pactamycin
D02.455.426.559.389.127.281.460.....Parabens
D02.455.426.559.389.127.281.595.....Salicylates
D02.455.426.559.389.127.281.595.100.....Aminosalicylic Acids
D02.455.426.559.389.127.281.595.100.060.....Aminosalicylic Acid
D02.455.426.559.389.127.281.595.100.540.....Mesalamine
D02.455.426.559.389.127.281.595.202.....Dicamba
D02.455.426.559.389.127.281.595.405.....Gentisates
D02.455.426.559.389.127.281.595.608.....Salicylic Acid
D02.455.426.559.389.127.281.595.608.500.....Sodium Salicylate
D02.455.426.559.389.127.375.....Iodobenzoates
D02.455.426.559.389.127.375.880.....Triiodobenzoic Acids
D02.455.426.559.389.127.375.880.020.....Acetrizic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.127.375.880.270.....Diatrizoate
D02.455.426.559.389.127.375.880.270.500.....Diatrizoate Meglumine
D02.455.426.559.389.127.375.880.375.....Iodamide
D02.455.426.559.389.127.375.880.380.....Iodipamide
D02.455.426.559.389.127.375.880.390.....Ioglycamic Acid
D02.455.426.559.389.127.375.880.400.....Iohexol
D02.455.426.559.389.127.375.880.410.....Iopamidol
D02.455.426.559.389.127.375.880.420.....Iothalamate Meglumine
D02.455.426.559.389.127.375.880.430.....Iothalamic Acid
D02.455.426.559.389.127.375.880.450.....Ioxaglic Acid
D02.455.426.559.389.127.375.880.520.....Metrizamide
D02.455.426.559.389.127.375.880.530.....Metrizoic Acid
D02.455.426.559.389.127.500.....Mercuribenzoates
D02.455.426.559.389.127.500.261.....Chloromercuribenzoates
D02.455.426.559.389.127.500.261.275.....p-Chloromercuribenzoic Acid
D02.455.426.559.389.127.500.450.....Hydroxymercuribenzoates
D02.455.426.559.389.127.650.....Nitrobenzoates
D02.455.426.559.389.127.650.300.....Dithionitrobenzoic Acid
D02.455.426.559.389.134.....Benzophenones
D02.455.426.559.389.134.500.....Chlorthalidone
D02.455.426.559.389.134.750.....Fenofibrate
D02.455.426.559.389.140.....Benzyl Compounds
D02.455.426.559.389.140.200.....Benzyl Alcohols
D02.455.426.559.389.140.200.100.....Benzyl Alcohol
D02.455.426.559.389.140.210.....Benzylamines
D02.455.426.559.389.140.210.650.....Pargyline
D02.455.426.559.389.140.308.....Bibenzyls
D02.455.426.559.389.140.400.....2-Hydroxy-5-nitrobenzyl Bromide
D02.455.426.559.389.140.450.....Lignans
D02.455.426.559.389.140.450.388.....Flavonolignans
D02.455.426.559.389.140.450.582.....Masoprocol
D02.455.426.559.389.140.450.777.....Podophyllotoxin
D02.455.426.559.389.150.....Benzylidene Compounds
D02.455.426.559.389.150.700.....Stilbenes
D02.455.426.559.389.150.700.050.....4-Acetamido-4'-isothiocyanatostilbene-2,2'-disulfonic Acid
D02.455.426.559.389.150.700.075.....Bibenzyls
D02.455.426.559.389.150.700.100.....Chlorotrianisene
D02.455.426.559.389.150.700.125.....Clomiphene
D02.455.426.559.389.150.700.125.500.....Enclomiphene
D02.455.426.559.389.150.700.125.750.....Zuclomiphene
D02.455.426.559.389.150.700.175.....Diethylstilbestrol

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.150.700.175.450.....Hexestrol
D02.455.426.559.389.150.700.200.....4,4'-Diisothiocyanostilbene-2,2'-Disulfonic Acid
D02.455.426.559.389.150.700.550.....Stilbamidines
D02.455.426.559.389.150.700.900.....Tamoxifen
D02.455.426.559.389.150.700.900.775.....Raloxifene Hydrochloride
D02.455.426.559.389.150.700.900.900.....Toremifene
D02.455.426.559.389.150.750.....Styrenes
D02.455.426.559.389.150.750.800.....Styrene
D02.455.426.559.389.150.750.800.830.....Polystyrenes
D02.455.426.559.389.150.795.....Tyrphostins
D02.455.426.559.389.185.....Biphenyl Compounds
D02.455.426.559.389.185.060.....Aminobiphenyl Compounds
D02.455.426.559.389.185.100.....Benzidines
D02.455.426.559.389.185.100.500.....3,3'-Diaminobenzidine
D02.455.426.559.389.185.210.....Clofenapate
D02.455.426.559.389.185.220.....Dianisidine
D02.455.426.559.389.185.226.....3,3'-Dichlorobenzidine
D02.455.426.559.389.185.350.....Flurbiprofen
D02.455.426.559.389.185.475.....Losartan
D02.455.426.559.389.185.600.....Niclofolan
D02.455.426.559.389.185.680.....Polybrominated Biphenyls
D02.455.426.559.389.185.698.....Polychlorinated Biphenyls
D02.455.426.559.389.220.....Bromobenzenes
D02.455.426.559.389.261.....Chlorobenzenes
D02.455.426.559.389.261.190.....Chlorophenols
D02.455.426.559.389.261.190.350.....Hexachlorophene
D02.455.426.559.389.261.220.....Dicofol
D02.455.426.559.389.261.250.....Dinitrochlorobenzene
D02.455.426.559.389.261.400.....Hexachlorobenzene
D02.455.426.559.389.358.....Fluorobenzenes
D02.455.426.559.389.454.....Iodobenzenes
D02.455.426.559.389.454.300.....3-Iodobenzylguanidine
D02.455.426.559.389.454.385.....Iopanoic Acid
D02.455.426.559.389.454.400.....Iophendylate
D02.455.426.559.389.454.450.....Ipodate
D02.455.426.559.389.454.950.....Tyropanoate
D02.455.426.559.389.565.....Nitrobenzenes
D02.455.426.559.389.565.175.....Chloramphenicol
D02.455.426.559.389.565.175.850.....Thiamphenicol
D02.455.426.559.389.565.225.....Dinitrobenzenes
D02.455.426.559.389.565.250.....Dinitrochlorobenzene

## 2018 MeSH Tree Hierarchy

Tree location	
D02.455.426.559.389.565.280.....	Dinitrofluorobenzene
D02.455.426.559.389.565.880.....	Trinitrobenzenes
D02.455.426.559.389.565.880.880.....	Trinitrobenzenesulfonic Acid
D02.455.426.559.389.657.....	Phenols
D02.455.426.559.389.657.050.....	Aminophenols
D02.455.426.559.389.657.100.....	Bisphenol A-Glycidyl Methacrylate
D02.455.426.559.389.657.120.....	Bithionol
D02.455.426.559.389.657.150.....	Bromphenol Blue
D02.455.426.559.389.657.166.....	Catechols
D02.455.426.559.389.657.166.099.....	Capsaicin
D02.455.426.559.389.657.166.200.....	Curcumin
D02.455.426.559.389.657.166.210.....	1,2-Dihydroxybenzene-3,5-Disulfonic Acid Disodium Salt
D02.455.426.559.389.657.166.350.....	Estrogens, Catechol
D02.455.426.559.389.657.166.350.350.....	Hydroxyestrones
D02.455.426.559.389.657.166.453.....	Guaiacol
D02.455.426.559.389.657.166.453.400.....	Guaifenesin
D02.455.426.559.389.657.166.500.....	3-Methoxy-4-hydroxyphenylethanol
D02.455.426.559.389.657.166.550.....	Masoprocol
D02.455.426.559.389.657.190.....	Chlorophenols
D02.455.426.559.389.657.190.270.....	Dichlorophen
D02.455.426.559.389.657.190.350.....	Hexachlorophene
D02.455.426.559.389.657.190.633.....	Pentachlorophenol
D02.455.426.559.389.657.239.....	Cresols
D02.455.426.559.389.657.239.132.....	Bisacodyl
D02.455.426.559.389.657.239.180.....	Brocresine
D02.455.426.559.389.657.239.190.....	Bromcresol Green
D02.455.426.559.389.657.239.195.....	Bromcresol Purple
D02.455.426.559.389.657.239.216.....	Butylated Hydroxytoluene
D02.455.426.559.389.657.239.327.....	Creosote
D02.455.426.559.389.657.239.402.....	Cyclofenil
D02.455.426.559.389.657.239.493.....	Dinitrocresols
D02.455.426.559.389.657.239.611.....	Formocresols
D02.455.426.559.389.657.239.756.....	Tolterodine Tartrate
D02.455.426.559.389.657.239.900.....	Tritolyl Phosphates
D02.455.426.559.389.657.265.....	Desvenlafaxine Succinate
D02.455.426.559.389.657.290.....	Dienestrol
D02.455.426.559.389.657.377.....	Humic Substances
D02.455.426.559.389.657.393.....	Hydroquinones
D02.455.426.559.389.657.410.....	Hydroxybenzoates
D02.455.426.559.389.657.410.100.....	Depsides
D02.455.426.559.389.657.410.200.....	Gallic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.657.410.200.299.....Hydrolyzable Tannins
D02.455.426.559.389.657.410.200.600.....Propyl Gallate
D02.455.426.559.389.657.410.400.....Hydroxymercuribenzoates
D02.455.426.559.389.657.410.450.....Pactamycin
D02.455.426.559.389.657.410.460.....Parabens
D02.455.426.559.389.657.410.595.....Salicylates
D02.455.426.559.389.657.410.595.100.....Aminosalicylic Acids
D02.455.426.559.389.657.410.595.100.060.....Aminosalicylic Acid
D02.455.426.559.389.657.410.595.100.540.....Mesalamine
D02.455.426.559.389.657.410.595.151.....Anacardic Acids
D02.455.426.559.389.657.410.595.176.....Aspirin
D02.455.426.559.389.657.410.595.176.500.....Aspirin, Dipyridamole Drug Combination
D02.455.426.559.389.657.410.595.202.....Dicamba
D02.455.426.559.389.657.410.595.303.....Diflunisal
D02.455.426.559.389.657.410.595.405.....Gentisates
D02.455.426.559.389.657.410.595.608.....Salicylic Acid
D02.455.426.559.389.657.410.595.608.500.....Sodium Salicylate
D02.455.426.559.389.657.446.....Indophenol
D02.455.426.559.389.657.446.250.....2,6-Dichloroindophenol
D02.455.426.559.389.657.566.....Nitrophenols
D02.455.426.559.389.657.566.304.....Dinitrophenols
D02.455.426.559.389.657.566.304.500.....2,4-Dinitrophenol
D02.455.426.559.389.657.566.400.....2-Hydroxy-5-nitrobenzyl Bromide
D02.455.426.559.389.657.566.600.....Niclofolan
D02.455.426.559.389.657.566.610.....Nitrohydroxyiodophenylacetate
D02.455.426.559.389.657.566.620.....Nitroxinil
D02.455.426.559.389.657.566.690.....Picrates
D02.455.426.559.389.657.595.....Phenol
D02.455.426.559.389.657.625.....Phenolphthaleins
D02.455.426.559.389.657.625.555.....Phenolphthalein
D02.455.426.559.389.657.625.560.....Phenolsulfonphthalein
D02.455.426.559.389.657.625.617.....Sulfobromophthalein
D02.455.426.559.389.657.625.808.....Thymolphthalein
D02.455.426.559.389.657.654.....Phenyl Ethers
D02.455.426.559.389.657.654.158.....Anisoles
D02.455.426.559.389.657.654.158.100.....Anethole Trithione
D02.455.426.559.389.657.654.158.324.....Butylated Hydroxyanisole
D02.455.426.559.389.657.654.305.....Fibric Acids
D02.455.426.559.389.657.654.305.249.....Bezafibrate
D02.455.426.559.389.657.654.305.374.....Clofenapate
D02.455.426.559.389.657.654.305.500.....Clofibrac Acid

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.389.657.654.305.500.195.....Clofibrate
D02.455.426.559.389.657.654.305.625.....Fenofibrate
D02.455.426.559.389.657.654.305.750.....Gemfibrozil
D02.455.426.559.389.657.654.453.....Guaiacol
D02.455.426.559.389.657.654.453.400.....Guaifenesin
D02.455.426.559.389.657.654.453.400.500.....Methocarbamol
D02.455.426.559.389.657.654.601.....Halogenated Diphenyl Ethers
D02.455.426.559.389.657.654.638.....Hydroxybenzoate Ethers
D02.455.426.559.389.657.654.638.500.....Hexobendine
D02.455.426.559.389.657.654.638.625.....Metoclopramide
D02.455.426.559.389.657.654.638.750.....Trimebutine
D02.455.426.559.389.657.654.638.875.....Vanillic Acid
D02.455.426.559.389.657.654.675.....Mexiletine
D02.455.426.559.389.657.654.750.....Phenetidine
D02.455.426.559.389.657.654.900.....Triclosan
D02.455.426.559.389.657.684.....Phloroglucinol
D02.455.426.559.389.657.684.602.....Phlorethin
D02.455.426.559.389.657.684.602.615.....Polyphlorethin Phosphate
D02.455.426.559.389.657.715.....Polyphenols
D02.455.426.559.389.657.746.....Probucol
D02.455.426.559.389.657.773.....Propofol
D02.455.426.559.389.657.800.....Pyrogallol
D02.455.426.559.389.657.852.....Resorcinols
D02.455.426.559.389.657.852.467.....Hexylresorcinol
D02.455.426.559.389.657.852.900.....Zearalenone
D02.455.426.559.389.657.852.900.975.....Zeranol
D02.455.426.559.389.703.....Phenylurea Compounds
D02.455.426.559.389.703.202.....Carbanilides
D02.455.426.559.389.703.202.400.....Imidocarb
D02.455.426.559.389.703.202.550.....Nicarbazin
D02.455.426.559.389.703.241.....Celiprolol
D02.455.426.559.389.703.280.....Diflubenzuron
D02.455.426.559.389.703.397.....Diuron
D02.455.426.559.389.703.515.....Linuron
D02.455.426.559.389.750.....Sulfanilic Acids
D02.455.426.559.389.805.....Terphenyl Compounds
D02.455.426.559.389.805.700.....Polychloroterphenyl Compounds
D02.455.426.559.389.832.....Toluene
D02.455.426.559.389.832.140.....Bromcresol Green
D02.455.426.559.389.832.150.....Bromcresol Purple
D02.455.426.559.389.832.180.....Bromphenol Blue

## 2018 MeSH Tree Hierarchy

Tree location	
D02.455.426.559.389.832.200.....	Bromthymol Blue
D02.455.426.559.389.832.500.....	Toluene 2,4-Diisocyanate
D02.455.426.559.389.832.559.....	Toluidines
D02.455.426.559.389.832.661.....	Tosyl Compounds
D02.455.426.559.389.832.670.....	Tosylarginine Methyl Ester
D02.455.426.559.389.832.690.....	Tosyllysine Chloromethyl Ketone
D02.455.426.559.389.832.710.....	Tosylphenylalanyl Chloromethyl Ketone
D02.455.426.559.389.832.767.....	Trifluralin
D02.455.426.559.389.832.868.....	Trinitrotoluene
D02.455.426.559.389.875.....	Triparanol
D02.455.426.559.389.884.....	Trityl Compounds
D02.455.426.559.389.948.....	Xylenes
D02.455.426.559.694.....	Diarylheptanoids
D02.455.426.559.694.222.....	Curcumin
D02.455.426.559.847.....	Polycyclic Aromatic Hydrocarbons
D02.455.426.559.847.117.....	Anthracenes
D02.455.426.559.847.117.050.....	Anthralin
D02.455.426.559.847.117.159.....	Anthraquinones
D02.455.426.559.847.117.159.200.....	Carmines
D02.455.426.559.847.117.159.205.....	Cascara
D02.455.426.559.847.117.159.205.400.....	Emodin
D02.455.426.559.847.117.159.500.....	Mitoxantrone
D02.455.426.559.847.117.159.750.....	Senna Extract
D02.455.426.559.847.117.600.....	Maprotiline
D02.455.426.559.847.133.....	Azulenes
D02.455.426.559.847.149.....	Benz(a)Anthracenes
D02.455.426.559.847.149.301.....	9,10-Dimethyl-1,2-benzanthracene
D02.455.426.559.847.149.500.....	Methylcholanthrene
D02.455.426.559.847.149.700.....	Perylene
D02.455.426.559.847.181.....	Benzocycloheptenes
D02.455.426.559.847.181.384.....	Dibenzocycloheptenes
D02.455.426.559.847.181.384.100.....	Amitriptyline
D02.455.426.559.847.181.384.230.....	Butaclamol
D02.455.426.559.847.181.384.340.....	Cyproheptadine
D02.455.426.559.847.181.384.340.500.....	Loratadine
D02.455.426.559.847.181.384.380.....	Dizocilpine Maleate
D02.455.426.559.847.181.384.535.....	Nortriptyline
D02.455.426.559.847.181.384.650.....	Protriptyline
D02.455.426.559.847.389.....	Fluorenes
D02.455.426.559.847.389.050.....	2-Acetylaminofluorene
D02.455.426.559.847.389.050.060.....	Acetoxyacetylaminofluorene

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.847.389.050.400.....Hydroxyacetylaminofluorene
D02.455.426.559.847.389.850.....Tilorone
D02.455.426.559.847.486.....Indenes
D02.455.426.559.847.486.250.....Dimethindene
D02.455.426.559.847.486.487.....Indans
D02.455.426.559.847.486.487.060.....Aprindine
D02.455.426.559.847.486.487.500.....Ninhydrin
D02.455.426.559.847.486.487.750.....Phenindione
D02.455.426.559.847.486.875.....Sulindac
D02.455.426.559.847.562.....Naphthacenes
D02.455.426.559.847.562.050.....Anthracyclines
D02.455.426.559.847.562.050.050.....Aclarubicin
D02.455.426.559.847.562.050.200.....Daunorubicin
D02.455.426.559.847.562.050.200.150.....Carubicin
D02.455.426.559.847.562.050.200.175.....Doxorubicin
D02.455.426.559.847.562.050.200.175.200.....Epirubicin
D02.455.426.559.847.562.050.200.300.....Idarubicin
D02.455.426.559.847.562.050.200.650.....Nogalamycin
D02.455.426.559.847.562.050.200.650.500.....Menogaril
D02.455.426.559.847.562.050.650.....Plicamycin
D02.455.426.559.847.562.900.....Tetracyclines
D02.455.426.559.847.562.900.146.....Chlortetracycline
D02.455.426.559.847.562.900.185.....Demeclocycline
D02.455.426.559.847.562.900.200.....Doxycycline
D02.455.426.559.847.562.900.450.....Lymecycline
D02.455.426.559.847.562.900.525.....Methacycline
D02.455.426.559.847.562.900.550.....Minocycline
D02.455.426.559.847.562.900.600.....Oxytetracycline
D02.455.426.559.847.562.900.720.....Rolitetracycline
D02.455.426.559.847.562.900.875.....Tetracycline
D02.455.426.559.847.638.....Naphthalenes
D02.455.426.559.847.638.059.....Acenaphthenes
D02.455.426.559.847.638.090.....Adapalene
D02.455.426.559.847.638.090.500.....Adapalene, Benzoyl Peroxide Drug Combination
D02.455.426.559.847.638.120.....Bunaftine
D02.455.426.559.847.638.162.....Carbaryl
D02.455.426.559.847.638.183.....Cinacalcet Hydrochloride
D02.455.426.559.847.638.204.....Dansyl Compounds
D02.455.426.559.847.638.400.....Lovastatin
D02.455.426.559.847.638.400.900.....Simvastatin
D02.455.426.559.847.638.400.900.500.....Ezetimibe, Simvastatin Drug Combination



## 2018 MeSH Tree Hierarchy

Tree location
D02.455.426.559.847.638.472.....Naphthaleneacetic Acids
D02.455.426.559.847.638.472.500.....Naproxen
D02.455.426.559.847.638.555.....Naphthalenesulfonates
D02.455.426.559.847.638.555.200.....Amaranth Dye
D02.455.426.559.847.638.555.220.....Amido Black
D02.455.426.559.847.638.555.282.....Anilino Naphthalenesulfonates
D02.455.426.559.847.638.555.300.....Congo Red
D02.455.426.559.847.638.555.400.....Evans Blue
D02.455.426.559.847.638.555.750.....Suramin
D02.455.426.559.847.638.555.875.....Trypan Blue
D02.455.426.559.847.638.638.....Naphthols
D02.455.426.559.847.638.721.....Naphthoquinones
D02.455.426.559.847.638.721.374.....Vitamin K
D02.455.426.559.847.638.721.374.689.....Vitamin K 1
D02.455.426.559.847.638.721.374.844.....Vitamin K 2
D02.455.426.559.847.638.721.374.922.....Vitamin K 3
D02.455.426.559.847.638.845.....1-Naphthylamine
D02.455.426.559.847.638.845.800.....Sertraline
D02.455.426.559.847.638.850.....2-Naphthylamine
D02.455.426.559.847.638.870.....1-Naphthylisothiocyanate
D02.455.426.559.847.638.900.....Naphthylvinylpyridine
D02.455.426.559.847.638.930.....Pravastatin
D02.455.426.559.847.638.945.....Propranolol
D02.455.426.559.847.638.960.....Tetrahydronaphthalenes
D02.455.426.559.847.638.960.400.....8-Hydroxy-2-(di-n-propylamino)tetralin
D02.455.426.559.847.638.960.446.....Bunolol
D02.455.426.559.847.638.960.446.500.....Levobunolol
D02.455.426.559.847.638.960.585.....Mibefradil
D02.455.426.559.847.638.960.675.....Podophyllotoxin
D02.455.426.559.847.638.960.675.250.....Etoposide
D02.455.426.559.847.638.960.837.....Tetralones
D02.455.426.559.847.638.975.....Tolnaftate
D02.455.426.559.847.680.....Phenalenes
D02.455.426.559.847.680.500.....Perylene
D02.455.426.559.847.723.....Phenanthrenes
D02.455.426.559.847.723.089.....Aristolochic Acids
D02.455.426.559.847.723.180.....Chrysenes
D02.455.426.559.847.723.590.....Diterpenes, Abietane
D02.455.426.559.847.799.....Pyrenes
D02.455.426.559.847.799.306.....Benzopyrenes
D02.455.426.559.847.799.306.300.....Benzo(a)pyrene

## 2018 MeSH Tree Hierarchy

Tree location	
D02.455.426.559.847.799.306.400.....	Dihydroxydihydrobenzopyrenes
D02.455.426.559.847.799.306.400.350.....	7,8-Dihydro-7,8-dihydroxybenzo(a)pyrene 9,10-oxide
D02.455.426.779.....	Spiro Compounds
D02.455.426.779.120.....	Buspirone
D02.455.426.779.345.....	Fluorescamine
D02.455.426.779.347.....	Fluoresceins
D02.455.426.779.347.300.....	Eosine I Bluish
D02.455.426.779.347.325.....	Eosine Yellowish-(YS)
D02.455.426.779.347.350.....	Erythrosine
D02.455.426.779.347.390.....	Fluorescein
D02.455.426.779.347.400.....	Fluorescein-5-isothiocyanate
D02.455.426.779.347.700.....	Rose Bengal
D02.455.426.779.350.....	Fluspirilene
D02.455.426.779.511.....	Leucogenenol
D02.455.426.779.800.....	Spiperone
D02.455.526.....	Hydrocarbons, Halogenated
D02.455.526.340.....	Halothane
D02.455.526.368.....	Hydrocarbons, Brominated
D02.455.526.368.150.....	Bromobenzenes
D02.455.526.368.175.....	Bromochlorofluorocarbons
D02.455.526.368.200.....	Bromotrichloromethane
D02.455.526.368.225.....	Ethylene Dibromide
D02.455.526.368.700.....	Polybrominated Biphenyls
D02.455.526.439.....	Hydrocarbons, Chlorinated
D02.455.526.439.042.....	Aldrin
D02.455.526.439.150.....	Carbon Tetrachloride
D02.455.526.439.180.....	Chlordan
D02.455.526.439.190.....	Chlordecone
D02.455.526.439.196.....	Chloroacetates
D02.455.526.439.196.500.....	Dichloroacetic Acid
D02.455.526.439.196.750.....	Trichloroacetic Acid
D02.455.526.439.202.....	Chlorobenzenes
D02.455.526.439.202.190.....	Dicofol
D02.455.526.439.202.200.....	Dinitrochlorobenzene
D02.455.526.439.202.400.....	Hexachlorobenzene
D02.455.526.439.220.....	Chlorofluorocarbons
D02.455.526.439.220.149.....	Bromochlorofluorocarbons
D02.455.526.439.220.224.....	Chlorofluorocarbons, Ethane
D02.455.526.439.220.300.....	Chlorofluorocarbons, Methane
D02.455.526.439.224.....	Chloroform
D02.455.526.439.224.200.....	Bromotrichloromethane

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.526.439.255.....DDT
D02.455.526.439.292.....Dichlorodiphenyl Dichloroethylene
D02.455.526.439.294.....Dichlorodiphenyldichloroethane
D02.455.526.439.350.....Dichloroethylenes
D02.455.526.439.371.....Dieldrin
D02.455.526.439.416.....Endrin
D02.455.526.439.447.....Ethyl Chloride
D02.455.526.439.458.....Ethylene Dichlorides
D02.455.526.439.516.....Heptachlor
D02.455.526.439.516.350.....Heptachlor Epoxide
D02.455.526.439.600.....Lindane
D02.455.526.439.610.....Methoxychlor
D02.455.526.439.632.....Methyl Chloride
D02.455.526.439.642.....Methylene Chloride
D02.455.526.439.659.....Mirex
D02.455.526.439.681.....Mitotane
D02.455.526.439.750.....Picryl Chloride
D02.455.526.439.773.....Polychlorinated Biphenyls
D02.455.526.439.773.292.....Aroclors
D02.455.526.439.773.292.077.....Chlorodiphenyl (54% Chlorine)
D02.455.526.439.785.....Polychloroterphenyl Compounds
D02.455.526.439.785.292.....Aroclors
D02.455.526.439.785.292.077.....Chlorodiphenyl (54% Chlorine)
D02.455.526.439.880.....Tetrachloroethylene
D02.455.526.439.913.....Toxaphene
D02.455.526.439.920.....Trichloroepoxypropane
D02.455.526.439.927.....Trichloroethanes
D02.455.526.439.939.....Trichloroethylene
D02.455.526.439.975.....Vinyl Chloride
D02.455.526.510.....Hydrocarbons, Fluorinated
D02.455.526.510.140.....Chlorofluorocarbons
D02.455.526.510.140.149.....Bromochlorofluorocarbons
D02.455.526.510.140.224.....Chlorofluorocarbons, Ethane
D02.455.526.510.140.300.....Chlorofluorocarbons, Methane
D02.455.526.510.286.....Fluoroacetates
D02.455.526.510.286.500.....Trifluoroacetic Acid
D02.455.526.510.432.....Fluorobenzenes
D02.455.526.510.432.500.....Rosuvastatin Calcium
D02.455.526.510.435.....Fluorocarbons
D02.455.526.581.....Hydrocarbons, Iodinated
D02.455.526.581.247.....Iodoacetates

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.526.581.247.249.....Iodoacetamide
D02.455.526.581.247.500.....Iodoacetic Acid
D02.455.526.581.496.....Iodobenzenes
D02.455.526.581.496.300.....3-Iodobenzylguanidine
D02.455.526.581.496.385.....Iopanoic Acid
D02.455.526.581.496.400.....Iophendylate
D02.455.526.581.496.450.....Ipodate
D02.455.526.581.496.950.....Tyropanoate
D02.455.526.728.....Mustard Compounds
D02.455.526.728.468.....Mustard Gas
D02.455.526.728.650.....Nitrogen Mustard Compounds
D02.455.526.728.650.050.....Aniline Mustard
D02.455.526.728.650.103.....Bendamustine Hydrochloride
D02.455.526.728.650.156.....Chlorambucil
D02.455.526.728.650.156.700.....Prednimustine
D02.455.526.728.650.275.....Estramustine
D02.455.526.728.650.463.....Mannomustine
D02.455.526.728.650.529.....Mechlorethamine
D02.455.526.728.650.594.....Melphalan
D02.455.526.728.650.594.690.....Peptichemio
D02.455.526.728.650.730.....Phosphoramidate Mustards
D02.455.526.728.650.730.243.....Cyclophosphamide
D02.455.526.728.650.730.243.250.....Ifosfamide
D02.455.526.728.650.740.....Propylbenzilylcholine Mustard
D02.455.526.728.650.760.....Quinacrine Mustard
D02.455.526.728.650.913.....Uracil Mustard
D02.455.526.913.....Trihalomethanes
D02.455.526.913.810.....Chloroform
D02.455.612.....Paraffin
D02.455.699.....Petrolatum
D02.455.699.500.....Mineral Oil
D02.455.849.....Terpenes
D02.455.849.090.....Cannabinoids
D02.455.849.090.100.....Cannabidiol
D02.455.849.090.110.....Cannabinol
D02.455.849.090.810.....Dronabinol
D02.455.849.131.....Carotenoids
D02.455.849.131.061.....Abscisic Acid
D02.455.849.131.123.....beta Carotene
D02.455.849.131.309.....Norisoprenoids
D02.455.849.131.495.....Retinoids

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.849.131.495.050.....Acitretin
D02.455.849.131.495.250.....Etretinate
D02.455.849.131.495.270.....Fenretinide
D02.455.849.131.495.325.....Isotretinoin
D02.455.849.131.495.690.....Retinaldehyde
D02.455.849.131.495.818.....Vitamin A
D02.455.849.131.495.818.800.....Tretinoin
D02.455.849.131.868.....Xanthophylls
D02.455.849.131.868.249.....Canthaxanthin
D02.455.849.131.868.374.....Cryptoxanthins
D02.455.849.131.868.374.500.....Beta-Cryptoxanthin
D02.455.849.131.868.500.....Lutein
D02.455.849.131.868.750.....Zeaxanthins
D02.455.849.131.912.....zeta Carotene
D02.455.849.291.....Diterpenes
D02.455.849.291.037.....Aconitine
D02.455.849.291.075.....Aphidicolin
D02.455.849.291.162.....Atractyloside
D02.455.849.291.206.....Diterpenes, Abietane
D02.455.849.291.228.....Diterpenes, Clerodane
D02.455.849.291.239.....Diterpenes, Kaurane
D02.455.849.291.239.500.....Gibberellins
D02.455.849.291.300.....Colforsin
D02.455.849.291.400.....Ginkgolides
D02.455.849.291.400.500.....Bilobalides
D02.455.849.291.500.....Phorbols
D02.455.849.291.500.510.....Phorbol Esters
D02.455.849.291.500.510.700.....Phorbol 12,13-Dibutyrate
D02.455.849.291.500.510.850.....Tetradecanoylphorbol Acetate
D02.455.849.291.515.....Phytanic Acid
D02.455.849.291.523.....Phytol
D02.455.849.291.523.500.....Vitamin K
D02.455.849.291.523.500.689.....Vitamin K 1
D02.455.849.291.523.500.844.....Vitamin K 2
D02.455.849.291.523.500.922.....Vitamin K 3
D02.455.849.291.686.....Ryanodine
D02.455.849.291.850.....Taxoids
D02.455.849.291.850.777.....Paclitaxel
D02.455.849.291.850.777.500.....Albumin-Bound Paclitaxel
D02.455.849.365.....Dolichol
D02.455.849.365.250.....Dolichol Phosphates

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.849.440.....Gefarnate
D02.455.849.486.....Hemiterpenes
D02.455.849.575.....Monoterpenes
D02.455.849.575.500.....Iridoids
D02.455.849.575.500.500.....Iridoid Glycosides
D02.455.849.575.500.500.500.....Iridoid Glucosides
D02.455.849.575.750.....Menthol
D02.455.849.575.781.....Norbornanes
D02.455.849.575.781.234.....Bornanes
D02.455.849.575.781.234.326.....Camphor
D02.455.849.575.781.500.....Mecamylamine
D02.455.849.575.781.795.....Toxaphene
D02.455.849.575.812.....Pyrethrins
D02.455.849.575.812.272.....Allethrin
D02.455.849.575.812.636.....Permethrin
D02.455.849.575.875.....Thymol
D02.455.849.575.875.200.....Bromthymol Blue
D02.455.849.690.....Polyisoprenyl Phosphates
D02.455.849.690.250.....Dolichol Phosphates
D02.455.849.690.700.....Polyisoprenyl Phosphate Sugars
D02.455.849.690.700.700.....Polyisoprenyl Phosphate Monosaccharides
D02.455.849.690.700.700.250.....Dolichol Monophosphate Mannose
D02.455.849.690.700.710.....Polyisoprenyl Phosphate Oligosaccharides
D02.455.849.765.....Sesquiterpenes
D02.455.849.765.033.....Abscisic Acid
D02.455.849.765.211.....Artemisinins
D02.455.849.765.424.....Farnesol
D02.455.849.765.444.....Gossypol
D02.455.849.765.750.....Santonin
D02.455.849.765.775.....Sesquiterpenes, Eudesmane
D02.455.849.765.787.....Sesquiterpenes, Germacrane
D02.455.849.765.793.....Sesquiterpenes, Guaiane
D02.455.849.765.793.888.....Thapsigargin
D02.455.849.765.850.....Trichothecenes
D02.455.849.765.850.870.....T-2 Toxin
D02.455.849.765.850.900.....Trichodermin
D02.455.849.842.....Sesterterpenes
D02.455.849.919.....Triterpenes
D02.455.849.919.138.....Cucurbitacins
D02.455.849.919.277.....Ginsenosides
D02.455.849.919.383.....Lanosterol

## 2018 MeSH Tree Hierarchy

Tree location
D02.455.849.919.490.....Limonins
D02.455.849.919.530.....Pentacyclic Triterpenes
D02.455.849.919.530.333.....Escin
D02.455.849.919.530.444.....Glycyrrhetic Acid
D02.455.849.919.530.444.250.....Carbenoxolone
D02.455.849.919.530.466.....Glycyrrhizic Acid
D02.455.849.919.530.733.....Oleanolic Acid
D02.455.849.919.570.....Quassins
D02.455.849.919.570.500.....Glauucarubin
D02.455.849.919.650.....Sapogenins
D02.455.849.919.650.600.....Oleanolic Acid
D02.455.849.919.681.....Squalene
D02.478.....Imides
D02.478.400.....Imidoesters
D02.478.400.175.....Dimethyl Adipimidate
D02.478.400.200.....Dimethyl Suberimidate
D02.478.440.....Maleimides
D02.478.440.418.....Ethylmaleimide
D02.478.480.....Naphthalimides
D02.478.520.....Pantothenic Acid
D02.478.600.....Phthalimides
D02.478.600.500.....Chlorthalidone
D02.478.770.....Succinimides
D02.478.770.150.....Bromosuccinimide
D02.478.770.333.....Ethosuximide
D02.491.....Imines
D02.491.203.....Carbodiimides
D02.491.203.340.....CME-Carbodiimide
D02.491.203.362.....Cyanamide
D02.491.203.385.....Dicyclohexylcarbodiimide
D02.491.203.425.....Ethyl dimethylaminopropyl Carbodiimide
D02.491.485.....Imino Acids
D02.491.485.100.....Azetidinecarboxylic Acid
D02.491.485.400.....Technetium Tc 99m Diethyl-iminodiacetic Acid
D02.491.485.450.....Technetium Tc 99m Disofenin
D02.491.485.900.....Technetium Tc 99m Lidofenin
D02.491.567.....Imino Sugars
D02.491.567.249.....Imino Furanoses
D02.491.567.500.....Imino Pyranoses
D02.491.567.500.033.....1-Deoxynojirimycin
D02.491.650.....Polyethyleneimine

## 2018 MeSH Tree Hierarchy

Tree location	
D02.491.784.....	Schiff Bases
D02.500.....	Isocyanates
D02.500.375.....	Isothiocyanates
D02.500.375.050.....	4-Acetamido-4'-isothiocyanatostilbene-2,2'-disulfonic Acid
D02.500.375.125.....	4,4'-Diisothiocyanostilbene-2,2'-Disulfonic Acid
D02.500.375.250.....	Fluorescein-5-isothiocyanate
D02.500.375.625.....	1-Naphthylisothiocyanate
D02.500.800.....	Toluene 2,4-Diisocyanate
D02.522.....	Ketones
D02.522.064.....	Acetone
D02.522.120.....	Acetophenones
D02.522.120.100.....	Benzoin
D02.522.120.575.....	omega-Chloroacetophenone
D02.522.223.....	Benzophenones
D02.522.223.500.....	Chlorthalidone
D02.522.223.750.....	Fenofibrate
D02.522.296.....	Butanones
D02.522.296.100.....	Acetoin
D02.522.296.400.....	Diacetyl
D02.522.296.900.....	Thenoyltrifluoroacetone
D02.522.352.....	Butyrophenones
D02.522.352.110.....	Azaperone
D02.522.352.155.....	Benperidol
D02.522.352.343.....	Droperidol
D02.522.352.506.....	Haloperidol
D02.522.352.800.....	S Piperone
D02.522.352.867.....	Trifluoperidol
D02.522.376.....	Camphor
D02.522.400.....	Cyclohexanones
D02.522.400.850.....	Tiletamine
D02.522.520.....	Hexanones
D02.522.520.500.....	Methyl n-Butyl Ketone
D02.522.585.....	Ketone Bodies
D02.522.585.087.....	3-Hydroxybutyric Acid
D02.522.585.175.....	Acetoacetates
D02.522.650.....	Mannich Bases
D02.522.675.....	Methadone
D02.522.675.500.....	Methadyl Acetate
D02.522.720.....	Pentanones
D02.522.741.....	Phosgene
D02.522.818.....	Propiophenones



## 2018 MeSH Tree Hierarchy

Tree location
D02.522.818.110.....Bupropion
D02.522.818.222.....Chalcones
D02.522.818.222.500.....Chalcone
D02.522.818.561.....Hydroxypropiophenone
D02.522.818.561.602.....Phloretin
D02.522.818.561.602.615.....Polyphloretin Phosphate
D02.522.818.600.....Kynuramine
D02.522.818.800.....Oxyfedrine
D02.522.818.830.....Propafenone
D02.522.818.950.....Tolperisone
D02.540.....Lactones
D02.540.150.....4-Butyrolactone
D02.540.205.....Acetogenins
D02.540.232.....Acyl-Butyrolactones
D02.540.260.....Dehydroascorbic Acid
D02.540.505.....Macrolides
D02.540.505.450.....Lucensomycin
D02.540.505.495.....Maytansine
D02.540.505.497.....Mepartricin
D02.540.505.500.....Miocamycin
D02.540.505.550.....Natamycin
D02.540.505.575.....Nystatin
D02.540.505.600.....Oleandomycin
D02.540.505.600.800.....Troleandomycin
D02.540.505.620.....Oligomycins
D02.540.505.620.750.....Rutamycin
D02.540.505.760.....Sirolimus
D02.540.505.760.500.....Everolimus
D02.540.505.810.....Tacrolimus
D02.540.505.905.....Tylosin
D02.540.552.....Picrotoxin
D02.540.576.....Polyketides
D02.540.576.500.....Macrolides
D02.540.576.500.500.....Amphotericin B
D02.540.576.500.750.....Antimycin A
D02.540.576.500.875.....Brefeldin A
D02.540.576.500.937.....Bryostatins
D02.540.576.500.968.....Candicidin
D02.540.576.500.984.....Epothilones
D02.540.576.500.992.....Erythromycin
D02.540.576.500.992.050.....Azithromycin

## 2018 MeSH Tree Hierarchy

Tree location	
D02.540.576.500.992.100.....	Clarithromycin
D02.540.576.500.992.250.....	Erythromycin Estolate
D02.540.576.500.992.260.....	Erythromycin Ethylsuccinate
D02.540.576.500.992.445.....	Ketolides
D02.540.576.500.992.630.....	Roxithromycin
D02.540.576.500.996.....	Filipin
D02.540.576.500.997.....	Ivermectin
D02.540.576.500.998.....	Josamycin
D02.540.576.500.999.....	Leucomycins
D02.540.576.500.999.450.....	Kitasamycin
D02.540.576.500.999.725.....	Spiramycin
D02.540.600.....	Propiolactone
D02.540.679.....	Spironolactone
D02.540.800.....	Venturicidins
D02.540.950.....	Zearalenone
D02.540.950.975.....	Zeranol
D02.561.....	Lewis Acids
D02.572.....	Lewis Bases
D02.583.....	Nitrates
D02.583.225.....	Erythryl Tetranitrate
D02.583.575.....	Nicorandil
D02.626.....	Nitriles
D02.626.080.....	Acetonitriles
D02.626.080.085.....	Aminoacetonitrile
D02.626.095.....	Acrylonitrile
D02.626.151.....	Aminopropionitrile
D02.626.175.....	Amygdalin
D02.626.260.....	Carbonyl Cyanide m-Chlorophenyl Hydrazone
D02.626.270.....	Carbonyl Cyanide p-Trifluoromethoxyphenylhydrazone
D02.626.290.....	Cyanoacrylates
D02.626.290.200.....	Bucrylate
D02.626.290.350.....	Enbucrilate
D02.626.310.....	o-Chlorobenzylidenemalonitrile
D02.626.320.....	Citalopram
D02.626.400.....	Fadrozole
D02.626.745.....	Pregnenolone Carbonitrile
D02.626.809.....	Rilpivirine
D02.626.809.500.....	Emtricitabine, Rilpivirine, Tenofovir Drug Combination
D02.626.872.....	Technetium Tc 99m Sestamibi
D02.626.886.....	Tyrphostins
D02.633.....	Nitrites

## 2018 MeSH Tree Hierarchy

Tree location	
D02.633.025.....	Amyl Nitrite
D02.640.....	Nitro Compounds
D02.640.139.....	Aristolochic Acids
D02.640.280.....	Dinitroresols
D02.640.529.....	Nitrobenzenes
D02.640.529.175.....	Chloramphenicol
D02.640.529.175.850.....	Thiamphenicol
D02.640.529.240.....	Dinitrobenzenes
D02.640.529.240.250.....	Dinitrochlorobenzene
D02.640.529.240.280.....	Dinitrofluorobenzene
D02.640.529.880.....	Trinitrobenzenes
D02.640.529.880.607.....	Picryl Chloride
D02.640.529.880.900.....	Trinitrobenzenesulfonic Acid
D02.640.600.....	Nitrofurans
D02.640.600.200.....	5-Amino-3-((5-nitro-2-furyl)vinyl)-1,2,4-oxadiazole
D02.640.600.290.....	FANFT
D02.640.600.308.....	Furagin
D02.640.600.313.....	Furazolidone
D02.640.600.330.....	Furylfuramide
D02.640.600.410.....	Nifuratel
D02.640.600.480.....	Nifurtimox
D02.640.600.566.....	Nitrofurantoin
D02.640.600.691.....	Nitrofurazone
D02.640.600.750.....	Nitrovin
D02.640.636.....	Nitroglycerin
D02.640.672.....	Nitroimidazoles
D02.640.672.200.....	Dimetridazole
D02.640.672.250.....	Etanidazole
D02.640.672.400.....	Ipronidazole
D02.640.672.500.....	Metronidazole
D02.640.672.530.....	Misonidazole
D02.640.672.580.....	Nimorazole
D02.640.672.700.....	Ornidazole
D02.640.672.730.....	Ronidazole
D02.640.672.900.....	Tinidazole
D02.640.720.....	Nitroparaffins
D02.640.720.800.....	Tetranitromethane
D02.640.743.....	Nitrophenols
D02.640.743.304.....	Dinitrophenols
D02.640.743.304.250.....	2,4-Dinitrophenol
D02.640.743.400.....	2-Hydroxy-5-nitrobenzyl Bromide

## 2018 MeSH Tree Hierarchy

Tree location
D02.640.743.600.....Niclofolan
D02.640.743.610.....Nitrohydroxyiodophenylacetate
D02.640.743.620.....Nitroxinil
D02.640.743.690.....Picrates
D02.640.820.....Nitroquinolines
D02.640.820.600.....4-Nitroquinoline-1-oxide
D02.654.....Nitroso Compounds
D02.654.442.....Nitrosamines
D02.654.442.100.....Butylhydroxybutylnitrosamine
D02.654.442.200.....Diethylnitrosamine
D02.654.442.225.....Dimethylnitrosamine
D02.654.442.550.....N-Nitrosopyrrolidine
D02.654.567.....Nitrosoguanidines
D02.654.567.400.....Methylnitronitrosoguanidine
D02.654.585.....Nitrosomethylurethane
D02.654.692.....Nitrosoourea Compounds
D02.654.692.247.....Carmustine
D02.654.692.300.....Ethylnitrosoourea
D02.654.692.440.....Lomustine
D02.654.692.440.700.....Semustine
D02.654.692.480.....Methylnitrosoourea
D02.654.692.550.....Nimustine
D02.654.692.768.....Streptozocin
D02.654.846.....Reactive Nitrogen Species
D02.654.846.500.....S-Nitrosothiols
D02.654.846.500.124.....S-Nitroso-N-Acetylpenicillamine
D02.654.846.500.249.....S-Nitrosoglutathione
D02.675.....Onium Compounds
D02.675.276.....Quaternary Ammonium Compounds
D02.675.276.046.....Amibenonium Chloride
D02.675.276.080.....Benzalkonium Compounds
D02.675.276.090.....Benzethonium
D02.675.276.102.....Bephenium Compounds
D02.675.276.125.....Betaine
D02.675.276.136.....Betalains
D02.675.276.136.500.....Betacyanins
D02.675.276.136.555.....Betaxanthins
D02.675.276.148.....Bethanechol Compounds
D02.675.276.148.100.....Bethanechol
D02.675.276.190.....Cetrimonium Compounds
D02.675.276.200.....Chlorisondamine

## 2018 MeSH Tree Hierarchy

Tree location
D02.675.276.207.....Chlormequat
D02.675.276.210.....(4-(m-Chlorophenylcarbamoyloxy)-2-butynyl)trimethylammonium Chloride
D02.675.276.232.....Choline
D02.675.276.232.100.....Benzoylcholine
D02.675.276.232.115.....Carbachol
D02.675.276.232.130.....Cytidine Diphosphate Choline
D02.675.276.232.700.....Phosphorylcholine
D02.675.276.232.710.....Platelet Activating Factor
D02.675.276.232.720.....Propylbenzylcholine Mustard
D02.675.276.232.780.....Succinylcholine
D02.675.276.232.800.....Thiocholine
D02.675.276.232.800.030.....Acetylthiocholine
D02.675.276.232.800.200.....Butyrylthiocholine
D02.675.276.352.....Edrophonium
D02.675.276.370.....Emepronium
D02.675.276.400.....Gallamine Triethiodide
D02.675.276.425.....Glycopyrrolate
D02.675.276.435.....Hemicholinium 3
D02.675.276.475.....Lissamine Green Dyes
D02.675.276.534.....Methacholine Compounds
D02.675.276.534.500.....Methacholine Chloride
D02.675.276.558.....Bis-Trimethylammonium Compounds
D02.675.276.558.372.....Decamethonium Compounds
D02.675.276.558.592.....Hexamethonium Compounds
D02.675.276.558.592.500.....Hexamethonium
D02.675.276.580.....Muscarine
D02.675.276.602.....Neostigmine
D02.675.276.648.....Oxyphenonium
D02.675.276.700.....Propantheline
D02.675.276.787.....Tetraethylammonium Compounds
D02.675.276.787.500.....Tetraethylammonium
D02.675.276.844.....Toxiferine
D02.675.276.844.050.....Alcuronium
D02.675.276.922.....Tubocurarine
D02.675.800.....Sulfonium Compounds
D02.691.....Organometallic Compounds
D02.691.075.....Antimony Potassium Tartrate
D02.691.080.....Antimony Sodium Gluconate
D02.691.088.....Arsenicals
D02.691.088.030.....Arsanilic Acid
D02.691.088.040.....Arsenamide

## 2018 MeSH Tree Hierarchy

Tree location
D02.691.088.042.....Arsenates
D02.691.088.044.....Arsenazo III
D02.691.088.047.....Arsenites
D02.691.088.050.....Arsphenamine
D02.691.088.060.....p-Azobenzene arsonate
D02.691.088.100.....Cacodylic Acid
D02.691.088.500.....Melarsoprol
D02.691.088.700.....Roxarsone
D02.691.214.....Coordination Complexes
D02.691.400.....Gadolinium DTPA
D02.691.550.....Iron Compounds
D02.691.550.100.....Ferric Compounds
D02.691.550.100.500.....Iron-Dextran Complex
D02.691.550.200.....Ferrous Compounds
D02.691.550.500.....Iron Carbonyl Compounds
D02.691.550.600.....Iron, Dietary
D02.691.600.....Maneb
D02.691.638.....Metal-Organic Frameworks
D02.691.657.....Metallocenes
D02.691.675.....Organogold Compounds
D02.691.675.249.....Aurothioglucose
D02.691.675.249.150.....Auranofin
D02.691.675.500.....Gold Sodium Thiomalate
D02.691.750.....Organomercury Compounds
D02.691.750.100.....Alkylmercury Compounds
D02.691.750.100.229.....Chlormerodrin
D02.691.750.100.347.....Ethylmercury Compounds
D02.691.750.100.347.350.....Cialit
D02.691.750.100.347.417.....Ethylmercuric Chloride
D02.691.750.100.347.850.....Thimerosal
D02.691.750.100.710.....Mersalyl
D02.691.750.100.738.....Methylmercury Compounds
D02.691.750.575.....Merbromin
D02.691.750.740.....Phenylmercury Compounds
D02.691.750.740.220.....4-Chloromercuribenzenesulfonate
D02.691.750.740.225.....Chloromercurinitrophenols
D02.691.750.740.644.....Mercuribenzoates
D02.691.750.740.644.261.....Chloromercuribenzoates
D02.691.750.740.644.261.275.....p-Chloromercuribenzoic Acid
D02.691.750.740.644.450.....Hydroxymercuribenzoates
D02.691.750.740.760.....Phenylmercuric Acetate

## 2018 MeSH Tree Hierarchy

Tree location	
D02.691.800.....	Organoplatinum Compounds
D02.691.800.338.....	Carboplatin
D02.691.825.....	Organotechnetium Compounds
D02.691.825.375.....	Technetium Tc 99m Aggregated Albumin
D02.691.825.445.....	Technetium Tc 99m Diethyl-iminodiacetic Acid
D02.691.825.468.....	Technetium Tc 99m Dimercaptosuccinic Acid
D02.691.825.475.....	Technetium Tc 99m Disofenin
D02.691.825.562.....	Technetium Tc 99m Exametazime
D02.691.825.710.....	Technetium Tc 99m Lidofenin
D02.691.825.750.....	Technetium Tc 99m Medronate
D02.691.825.775.....	Technetium Tc 99m Mertiatide
D02.691.825.875.....	Technetium Tc 99m Pentetate
D02.691.825.937.....	Technetium Tc 99m Sestamibi
D02.691.850.....	Organotin Compounds
D02.691.850.900.....	Trialkyltin Compounds
D02.691.850.900.910.....	Triethyltin Compounds
D02.691.850.900.950.....	Trimethyltin Compounds
D02.691.925.....	Sucrafate
D02.691.950.....	Tetraethyl Lead
D02.691.975.....	Zineb
D02.705.....	Organophosphorus Compounds
D02.705.400.....	Organophosphates
D02.705.400.100.....	Carbamyl Phosphate
D02.705.400.120.....	Chlorfenvinphos
D02.705.400.130.....	Dichlorvos
D02.705.400.140.....	Diphosphoglyceric Acids
D02.705.400.140.175.....	2,3-Diphosphoglycerate
D02.705.400.501.....	Mevinphos
D02.705.400.550.....	Monocrotophos
D02.705.400.600.....	Naled
D02.705.400.625.....	Organothiophosphates
D02.705.400.625.050.....	Amifostine
D02.705.400.625.060.....	Azinphosmethyl
D02.705.400.625.100.....	Chlorpyrifos
D02.705.400.625.120.....	Coumaphos
D02.705.400.625.130.....	Cystaphos
D02.705.400.625.200.....	Diazinon
D02.705.400.625.220.....	Dimethoate
D02.705.400.625.230.....	Disulfoton
D02.705.400.625.240.....	Echothiophate Iodide
D02.705.400.625.300.....	Fenitrothion

## 2018 MeSH Tree Hierarchy

Tree location
D02.705.400.625.320.....Fenthion
D02.705.400.625.500.....Malathion
D02.705.400.625.600.....Parathion
D02.705.400.625.600.500.....Methyl Parathion
D02.705.400.625.650.....Phorate
D02.705.400.625.670.....Phosmet
D02.705.400.625.800.....Temefos
D02.705.400.650.....Paraoxon
D02.705.400.700.....Phosphamidon
D02.705.400.725.....Polyisoprenyl Phosphates
D02.705.400.725.200.....Dolichol Phosphates
D02.705.400.750.....Tetrachlorvinphos
D02.705.400.875.....Tritolyl Phosphates
D02.705.429.....Organophosphonates
D02.705.429.249.....Aminoethylphosphonic Acid
D02.705.429.374.....Armin
D02.705.429.500.....Diphosphonates
D02.705.429.500.100.....Alendronate
D02.705.429.500.200.....Clodronic Acid
D02.705.429.500.830.....Etidronic Acid
D02.705.429.500.830.500.....Risedronate Sodium
D02.705.429.500.885.....Technetium Tc 99m Medronate
D02.705.429.625.....Fosfomycin
D02.705.429.750.....Organofluorophosphonates
D02.705.429.750.249.....Isoflurophate
D02.705.429.750.500.....Sarin
D02.705.429.750.750.....Soman
D02.705.429.812.....Organothiophosphonates
D02.705.429.812.249.....Fonofos
D02.705.429.812.500.....Leptophos
D02.705.429.812.750.....Phenylphosphonothioic Acid, 2-Ethyl 2-(4-Nitrophenyl) Ester
D02.705.429.875.....Phosphonoacetic Acid
D02.705.429.875.500.....Foscarnet
D02.705.429.906.....Tenofovir
D02.705.429.906.125.....Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D02.705.429.906.250.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D02.705.429.906.500.....Emtricitabine, Rilpivirine, Tenofovir Drug Combination
D02.705.429.906.750.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D02.705.429.937.....Trichlorfon
D02.705.539.....Organothiophosphorus Compounds
D02.705.539.345.....Organothiophosphates



## 2018 MeSH Tree Hierarchy

Tree location
D02.705.539.345.050.....Amifostine
D02.705.539.345.060.....Azinphosmethyl
D02.705.539.345.100.....Chlorpyrifos
D02.705.539.345.120.....Coumaphos
D02.705.539.345.130.....Cystaphos
D02.705.539.345.200.....Diazinon
D02.705.539.345.220.....Dimethoate
D02.705.539.345.230.....Disulfoton
D02.705.539.345.240.....Echothiophate Iodide
D02.705.539.345.300.....Fenitrothion
D02.705.539.345.320.....Fenthion
D02.705.539.345.500.....Malathion
D02.705.539.345.600.....Parathion
D02.705.539.345.600.500.....Methyl Parathion
D02.705.539.345.650.....Phorate
D02.705.539.345.670.....Phosmet
D02.705.539.345.800.....Temefos
D02.705.539.692.....Organothiophosphonates
D02.705.539.692.249.....Fonofos
D02.705.539.692.500.....Leptophos
D02.705.539.692.750.....Phenylphosphonothioic Acid, 2-Ethyl 2-(4-Nitrophenyl) Ester
D02.705.621.....Phosphines
D02.705.629.....Phosphinic Acids
D02.705.629.500.....Fosinopril
D02.705.672.....Phosphoramides
D02.705.672.249.....Hempa
D02.705.672.500.....Phosphoramide Mustards
D02.705.672.500.243.....Cyclophosphamide
D02.705.672.500.243.250.....Ifosfamide
D02.705.672.750.....Tetraisopropylpyrophosphamide
D02.705.672.875.....Thiotepa
D02.705.675.....Phosphoranes
D02.712.....Organoselenium Compounds
D02.712.600.....Selenocysteine
D02.712.700.....Selenomethionine
D02.715.....Organosilicon Compounds
D02.715.312.....Organically Modified Ceramics
D02.715.625.....Silanes
D02.715.650.....Siloxanes
D02.715.650.700.....Silicones
D02.715.650.700.150.....Dimethylpolysiloxanes

## 2018 MeSH Tree Hierarchy

Tree location
D02.715.650.700.150.750.....Simethicone
D02.715.650.700.755.....Silicone Gels
D02.715.650.700.800.....Silicone Oils
D02.715.650.850.....Silorane Resins
D02.715.715.....Trimethylsilyl Compounds
D02.806.....Quinones
D02.806.100.....Anthraquinones
D02.806.100.200.....Carmine
D02.806.100.205.....Cascara
D02.806.100.205.400.....Emodin
D02.806.100.500.....Mitoxantrone
D02.806.100.750.....Senna Extract
D02.806.250.....Benzoquinones
D02.806.250.180.....Carbazilquinone
D02.806.250.210.....Chloranil
D02.806.250.280.....Dibromothymoquinone
D02.806.250.700.....Plastoquinone
D02.806.250.900.....Ubiquinone
D02.806.400.....Indolequinones
D02.806.400.249.....Mitomycins
D02.806.400.249.350.....Mitomycin
D02.806.400.249.700.....Porfiromycin
D02.806.400.500.....Pyrroloiminoquinones
D02.806.550.....Naphthoquinones
D02.806.550.312.....Atovaquone
D02.806.550.625.....Vitamin K 1
D02.806.550.750.....Vitamin K 2
D02.806.550.875.....Vitamin K 3
D02.825.....Rotaxanes
D02.845.....Semicarbazides
D02.845.250.....Diphenylcarbazide
D02.845.746.....Semicarbazones
D02.845.746.703.....Thiosemicarbazones
D02.845.746.703.450.....Methisazone
D02.845.746.703.702.....Thioacetazone
D02.886.....Sulfur Compounds
D02.886.030.....Amino Acids, Sulfur
D02.886.030.175.....Cystathionine
D02.886.030.215.....Cysteic Acid
D02.886.030.230.....Cysteine
D02.886.030.230.259.....Acetylcysteine

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.030.230.310..... Carbocysteine
D02.886.030.230.330.....Cysteinyldopa
D02.886.030.230.369.....Cystine
D02.886.030.230.700.....Selenocysteine
D02.886.030.388.....Ethionine
D02.886.030.498.....Homocysteine
D02.886.030.498.050.....S-Adenosylhomocysteine
D02.886.030.554.....Homocystine
D02.886.030.676.....Methionine
D02.886.030.676.089.....Racemethionine
D02.886.030.676.180.....S-Adenosylmethionine
D02.886.030.676.450.....N-Formylmethionine
D02.886.030.676.450.440.....N-Formylmethionine Leucyl-Phenylalanine
D02.886.030.676.620.....Methionine Sulfoximine
D02.886.030.676.620.125.....Buthionine Sulfoximine
D02.886.030.676.900.....Selenomethionine
D02.886.030.676.950.....Vitamin U
D02.886.030.786.....Penicillamine
D02.886.030.786.500.....S-Nitroso-N-Acetylpenicillamine
D02.886.030.893.....Thiorphan
D02.886.030.896.....Tiopronin
D02.886.092.....Benzothiepins
D02.886.092.408.....Endosulfan
D02.886.108.....beta-Lactams
D02.886.108.500.....Monobactams
D02.886.108.500.044.....Aztreonam
D02.886.108.750.....Penicillins
D02.886.108.750.124.....Amdinocillin
D02.886.108.750.124.036.....Amdinocillin Pivoxil
D02.886.108.750.249.....Cyclacillin
D02.886.108.750.500.....Methicillin
D02.886.108.750.562.....Nafcillin
D02.886.108.750.625.....Oxacillin
D02.886.108.750.625.150.....Cloxacillin
D02.886.108.750.625.150.205.....Dicloxacillin
D02.886.108.750.625.150.250.....Floxacillin
D02.886.108.750.687.....Penicillanic Acid
D02.886.108.750.750.....Penicillin G
D02.886.108.750.750.050.....Ampicillin
D02.886.108.750.750.050.050.....Amoxicillin
D02.886.108.750.750.050.050.060.....Amoxicillin-Potassium Clavulanate Combination

## 2018 MeSH Tree Hierarchy

Tree location	
D02.886.108.750.750.050.075.....	Azlocillin
D02.886.108.750.750.050.500.....	Mezlocillin
D02.886.108.750.750.050.650.....	Piperacillin
D02.886.108.750.750.050.700.....	Pivampicillin
D02.886.108.750.750.050.900.....	Talampicillin
D02.886.108.750.750.170.....	Carbenicillin
D02.886.108.750.750.170.200.....	Carfecillin
D02.886.108.750.750.685.....	Penicillin G Benzathine
D02.886.108.750.750.695.....	Penicillin G Procaine
D02.886.108.750.750.875.....	Sulbenicillin
D02.886.108.750.781.....	Penicillin V
D02.886.108.750.812.....	Sulbactam
D02.886.108.750.875.....	Ticarcillin
D02.886.124.....	Cyclic S-Oxides
D02.886.250.....	Isothiocyanates
D02.886.250.050.....	4-Acetamido-4'-isothiocyanatostilbene-2,2'-disulfonic Acid
D02.886.250.125.....	4,4'-Diisothiocyanostilbene-2,2'-Disulfonic Acid
D02.886.250.250.....	Fluorescein-5-isothiocyanate
D02.886.250.625.....	1-Naphthylisothiocyanate
D02.886.300.....	Organothiophosphorus Compounds
D02.886.300.692.....	Organothiophosphates
D02.886.300.692.050.....	Amifostine
D02.886.300.692.060.....	Azinphosmethyl
D02.886.300.692.100.....	Chlorpyrifos
D02.886.300.692.120.....	Coumaphos
D02.886.300.692.130.....	Cystaphos
D02.886.300.692.200.....	Diazinon
D02.886.300.692.220.....	Dimethoate
D02.886.300.692.230.....	Disulfoton
D02.886.300.692.240.....	Echothiophate Iodide
D02.886.300.692.300.....	Fenitrothion
D02.886.300.692.320.....	Fenthion
D02.886.300.692.500.....	Malathion
D02.886.300.692.600.....	Parathion
D02.886.300.692.600.500.....	Methyl Parathion
D02.886.300.692.650.....	Phorate
D02.886.300.692.670.....	Phosmet
D02.886.300.692.800.....	Temefos
D02.886.300.846.....	Organothiophosphonates
D02.886.300.846.249.....	Fonofos
D02.886.300.846.500.....	Leptophos

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.300.846.750.....Phenylphosphonothioic Acid, 2-Ethyl 2-(4-Nitrophenyl) Ester
D02.886.369.....Phenothiazines
D02.886.369.029.....Acepromazine
D02.886.369.080.....Azure Stains
D02.886.369.198.....Chlorpromazine
D02.886.369.326.....Fluphenazine
D02.886.369.470.....Mesoridazine
D02.886.369.513.....Methotrimeprazine
D02.886.369.517.....Methylene Blue
D02.886.369.533.....Moricizine
D02.886.369.550.....Nonachlazine
D02.886.369.575.....Perazine
D02.886.369.593.....Perphenazine
D02.886.369.639.....Prochlorperazine
D02.886.369.661.....Promazine
D02.886.369.670.....Promethazine
D02.886.369.780.....Thiethylperazine
D02.886.369.843.....Thioridazine
D02.886.369.869.....Tolonium Chloride
D02.886.369.898.....Trifluoperazine
D02.886.369.918.....Triflupromazine
D02.886.369.939.....Trimeprazine
D02.886.489.....Sulfhydryl Compounds
D02.886.489.155.....Cysteine
D02.886.489.180.....Dimercaprol
D02.886.489.180.900.....Unithiol
D02.886.489.225.....Ergothioneine
D02.886.489.409.....Mercaptoethanol
D02.886.489.472.....Mercaptoethylamines
D02.886.489.472.369.....Cysteamine
D02.886.489.520.....3-Mercaptopropionic Acid
D02.886.489.534.....Mercaptopurine
D02.886.489.590.....Mesna
D02.886.489.600.....Methimazole
D02.886.489.650.....S-Nitrosothiols
D02.886.489.650.500.....S-Nitroso-N-Acetylpenicillamine
D02.886.489.650.750.....S-Nitroglutathione
D02.886.489.700.....Pantetheine
D02.886.489.750.....Succimer
D02.886.489.750.725.....Technetium Tc 99m Dimercaptosuccinic Acid
D02.886.489.789.....Thiocholine

## 2018 MeSH Tree Hierarchy

Tree location	
D02.886.489.789.030.....	Acetylthiocholine
D02.886.489.789.200.....	Butyrylthiocholine
D02.886.489.828.....	Thioglycolates
D02.886.489.891.....	Thiomalates
D02.886.489.891.451.....	Gold Sodium Thiomalate
D02.886.520.....	Sulfides
D02.886.520.150.....	Disulfides
D02.886.520.150.087.....	Cystine
D02.886.520.150.175.....	Disulfiram
D02.886.520.575.....	Moxalactam
D02.886.590.....	Sulfones
D02.886.590.192.....	Dansyl Compounds
D02.886.590.263.....	Dapsone
D02.886.590.263.050.....	Acedapsone
D02.886.590.625.....	Phenylmethylsulfonyl Fluoride
D02.886.590.700.....	Sulfonamides
D02.886.590.700.120.....	Benzolamide
D02.886.590.700.135.....	Benzothiadiazines
D02.886.590.700.135.138.....	Bendroflumethiazide
D02.886.590.700.135.261.....	Chlorothiazide
D02.886.590.700.135.261.476.....	Hydrochlorothiazide
D02.886.590.700.135.261.476.716.....	Trichlormethiazide
D02.886.590.700.135.285.....	Cyclopenthiiazide
D02.886.590.700.135.300.....	Diazoxide
D02.886.590.700.135.475.....	Hydroflumethiazide
D02.886.590.700.135.620.....	Methyclothiazide
D02.886.590.700.135.781.....	Polythiazide
D02.886.590.700.150.....	Bumetanide
D02.886.590.700.247.....	Celecoxib
D02.886.590.700.365.....	Chlorthalidone
D02.886.590.700.390.....	Cloпамide
D02.886.590.700.400.....	Darunavir
D02.886.590.700.410.....	Dichlorphenamide
D02.886.590.700.420.....	Ethoxzolamide
D02.886.590.700.540.....	Indapamide
D02.886.590.700.545.....	1-(5-Isoquinolinesulfonyl)-2-Methylpiperazine
D02.886.590.700.570.....	Mafenide
D02.886.590.700.575.....	Mefruside
D02.886.590.700.600.....	Metolazone
D02.886.590.700.625.....	Probenecid
D02.886.590.700.650.....	Rosuvastatin Calcium

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.590.700.675.....Sildenafil Citrate
D02.886.590.700.700.....Simeprevir
D02.886.590.700.725.....Sulfanilamides
D02.886.590.700.725.300.....Furosemide
D02.886.590.700.725.650.....Sulfacetamide
D02.886.590.700.725.700.....Sulfachlorpyridazine
D02.886.590.700.725.755.....Sulfadiazine
D02.886.590.700.725.755.800.....Silver Sulfadiazine
D02.886.590.700.725.760.....Sulfadimethoxine
D02.886.590.700.725.765.....Sulfadoxine
D02.886.590.700.725.810.....Sulfaguanidine
D02.886.590.700.725.850.....Sulfalene
D02.886.590.700.725.853.....Sulfamerazine
D02.886.590.700.725.857.....Sulfameter
D02.886.590.700.725.862.....Sulfamethazine
D02.886.590.700.725.867.....Sulfamethoxazole
D02.886.590.700.725.867.500.....Trimethoprim, Sulfamethoxazole Drug Combination
D02.886.590.700.725.872.....Sulfamethoxyipyridazine
D02.886.590.700.725.877.....Sulfamonomethoxine
D02.886.590.700.725.882.....Sulfamoxole
D02.886.590.700.725.887.....Sulfaphenazole
D02.886.590.700.725.900.....Sulfapyridine
D02.886.590.700.725.925.....Sulfaquinoxaline
D02.886.590.700.725.935.....Sulfathiazoles
D02.886.590.700.725.935.813.....Sulfamethizole
D02.886.590.700.725.940.....Sulfisomidine
D02.886.590.700.725.945.....Sulfisoxazole
D02.886.590.700.730.....Sulfasalazine
D02.886.590.700.750.....Sumatriptan
D02.886.590.700.975.....Xipamide
D02.886.590.795.....Sulfonylurea Compounds
D02.886.590.795.071.....Acetohexamide
D02.886.590.795.204.....Carbutamide
D02.886.590.795.283.....Chlorpropamide
D02.886.590.795.475.....Gliclazide
D02.886.590.795.500.....Glipizide
D02.886.590.795.575.....Glyburide
D02.886.590.795.834.....Tolazamide
D02.886.590.795.896.....Tolbutamide
D02.886.590.887.....Tosyl Compounds
D02.886.590.887.140.....Bromcresol Green

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.590.887.150.....Bromcresol Purple
D02.886.590.887.180.....Bromphenol Blue
D02.886.590.887.200.....Bromthymol Blue
D02.886.590.887.570.....Tosylarginine Methyl Ester
D02.886.590.887.600.....Tosyllysine Chloromethyl Ketone
D02.886.590.887.660.....Tosylphenylalanyl Chloromethyl Ketone
D02.886.620.....Sulfonium Compounds
D02.886.640.....Sulfoxides
D02.886.640.074.....2-Pyridinylmethylsulfinylbenzimidazoles
D02.886.640.074.249.....Lansoprazole
D02.886.640.074.249.500.....Dexlansoprazole
D02.886.640.074.500.....Omeprazole
D02.886.640.074.500.500.....Esomeprazole
D02.886.640.074.750.....Rabeprazole
D02.886.640.150.....Dimethyl Sulfoxide
D02.886.645.....Sulfur Acids
D02.886.645.575.....Sulfenic Acids
D02.886.645.585.....Sulfinic Acids
D02.886.645.600.....Sulfonic Acids
D02.886.645.600.055.....Alkanesulfonic Acids
D02.886.645.600.055.050.....Alkanesulfonates
D02.886.645.600.055.050.500.....Mesna
D02.886.645.600.055.050.510.....Mesylates
D02.886.645.600.055.050.510.100.....Busulfan
D02.886.645.600.055.050.510.300.....Ethyl Methanesulfonate
D02.886.645.600.055.050.510.500.....Methyl Methanesulfonate
D02.886.645.600.055.050.632.....Sodium Dodecyl Sulfate
D02.886.645.600.055.050.755.....Sodium Tetradecyl Sulfate
D02.886.645.600.055.250.....HEPES
D02.886.645.600.055.300.....Isethionic Acid
D02.886.645.600.055.850.....Taurine
D02.886.645.600.055.850.800.....Taurocholic Acid
D02.886.645.600.055.850.800.900.....Taurodeoxycholic Acid
D02.886.645.600.055.850.800.900.875.....Taurochenodeoxycholic Acid
D02.886.645.600.055.850.800.925.....Tauroolithocholic Acid
D02.886.645.600.080.....Arylsulfonic Acids
D02.886.645.600.080.050.....Arylsulfonates
D02.886.645.600.080.050.100.....Benzenesulfonates
D02.886.645.600.080.050.100.075.....Calcium Dobesilate
D02.886.645.600.080.050.100.100.....4-Chloromercuribenzenesulfonate
D02.886.645.600.080.050.100.150.....1,2-Dihydroxybenzene-3,5-Disulfonic Acid Disodium Salt



## 2018 MeSH Tree Hierarchy

Tree location
D02.886.645.600.080.050.100.300.....Ethamsylate
D02.886.645.600.080.050.100.325.....Ferrozine
D02.886.645.600.080.050.100.600.....Polyanetholesulfonate
D02.886.645.600.080.050.550.....Lissamine Green Dyes
D02.886.645.600.080.050.650.....Naphthalenesulfonates
D02.886.645.600.080.050.650.012.....Amaranth Dye
D02.886.645.600.080.050.650.025.....Amido Black
D02.886.645.600.080.050.650.050.....Anilino Naphthalenesulfonates
D02.886.645.600.080.050.650.250.....Congo Red
D02.886.645.600.080.050.650.300.....Evans Blue
D02.886.645.600.080.050.650.750.....Suramin
D02.886.645.600.080.050.650.875.....Trypan Blue
D02.886.645.600.080.850.....Sulfanilic Acids
D02.886.645.600.080.900.....Trinitrobenzenesulfonic Acid
D02.886.645.600.925.....Thiosulfonic Acids
D02.886.645.655.....Sulfuric Acids
D02.886.645.655.424.....Pentosan Sulfuric Polyester
D02.886.645.655.850.....Sulfuric Acid Esters
D02.886.655.....Thiazides
D02.886.655.500.....Benzothiadiazines
D02.886.655.500.138.....Bendroflumethiazide
D02.886.655.500.261.....Chlorothiazide
D02.886.655.500.261.476.....Hydrochlorothiazide
D02.886.655.500.261.476.716.....Trichlormethiazide
D02.886.655.500.285.....Cyclopenthiazide
D02.886.655.500.300.....Diazoxide
D02.886.655.500.475.....Hydroflumethiazide
D02.886.655.500.620.....Methyclothiazide
D02.886.655.500.781.....Polythiazide
D02.886.665.....Thiazines
D02.886.665.074.....Cephalosporins
D02.886.665.074.150.....Cefamandole
D02.886.665.074.150.160.....Cefoperazone
D02.886.665.074.160.....Cefazolin
D02.886.665.074.177.....Cefonicid
D02.886.665.074.185.....Cefsulodin
D02.886.665.074.190.....Cephacetrile
D02.886.665.074.190.190.....Cefotaxime
D02.886.665.074.190.190.115.....Cefixime
D02.886.665.074.190.190.125.....Cefmenoxime
D02.886.665.074.190.190.135.....Cefotiam

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.665.074.190.190.145.....Ceftizoxime
D02.886.665.074.190.190.155.....Ceftriaxone
D02.886.665.074.190.190.165.....Cefuroxime
D02.886.665.074.190.210.....Cephalothin
D02.886.665.074.190.230.....Cephapirin
D02.886.665.074.200.....Cephalexin
D02.886.665.074.200.155.....Cefaclor
D02.886.665.074.200.165.....Cefadroxil
D02.886.665.074.200.165.125.....Cefatrizine
D02.886.665.074.200.180.....Cephaloglycin
D02.886.665.074.200.185.....Cephradine
D02.886.665.074.210.....Cephaloridine
D02.886.665.074.210.150.....Ceftazidime
D02.886.665.074.250.....Cephamycins
D02.886.665.074.250.177.....Cefmetazole
D02.886.665.074.250.199.....Cefotetan
D02.886.665.074.250.222.....Cefoxitin
D02.886.665.150.....Chlormezanone
D02.886.665.400.....Nifurtimox
D02.886.665.500.....Piroxicam
D02.886.665.785.....Thiadiazines
D02.886.665.985.....Xylazine
D02.886.675.....Thiazoles
D02.886.675.180.....Chlormethiazole
D02.886.675.182.....Cobicistat
D02.886.675.182.500.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D02.886.675.184.....Dasatinib
D02.886.675.188.....Dithiazanine
D02.886.675.197.....Ethoxzolamide
D02.886.675.215.....Famotidine
D02.886.675.250.....FANFT
D02.886.675.274.....Febuxostat
D02.886.675.298.....Firefly Luciferin
D02.886.675.346.....Levamisole
D02.886.675.414.....Lurasidone Hydrochloride
D02.886.675.482.....Niridazole
D02.886.675.500.....Nizatidine
D02.886.675.540.....Oxythiamine
D02.886.675.649.....Rhodanine
D02.886.675.651.....Riluzole
D02.886.675.653.....Ritonavir

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.675.687.....Saccharin
D02.886.675.725.....Sulfathiazoles
D02.886.675.782.....Tetramisole
D02.886.675.840.....Thiabendazole
D02.886.675.867.....Thiadiazoles
D02.886.675.867.060.....Acetazolamide
D02.886.675.867.120.....Benzolamide
D02.886.675.867.537.....Methazolamide
D02.886.675.867.768.....Timolol
D02.886.675.867.768.500.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D02.886.675.900.....Thiamine
D02.886.675.900.300.....Fursultiamin
D02.886.675.900.600.....Thiamine Monophosphate
D02.886.675.900.702.....Thiamine Pyrophosphate
D02.886.675.900.900.....Thiamine Triphosphate
D02.886.675.933.....Thiazolidinediones
D02.886.675.966.....Thiazolidines
D02.886.680.....Thiepins
D02.886.680.350.....Dibenzothiepins
D02.886.680.350.250.....Dothiepin
D02.886.680.350.520.....Methiothiepin
D02.886.680.702.....Thiazepines
D02.886.680.702.500.....Dibenzothiazepines
D02.886.680.702.500.500.....Quetiapine Fumarate
D02.886.685.....Thioamides
D02.886.685.800.....Thioacetamide
D02.886.706.....Thiocarbamates
D02.886.706.175.....Dimethyldithiocarbamate
D02.886.706.175.900.....Thiram
D02.886.706.175.950.....Ziram
D02.886.706.200.....Ditiocarb
D02.886.706.200.200.....Disulfiram
D02.886.706.250.....Ethylenebis(dithiocarbamates)
D02.886.706.250.500.....Maneb
D02.886.706.250.950.....Zineb
D02.886.706.537.....Methomyl
D02.886.706.825.....Tolnaftate
D02.886.706.850.....Triallate
D02.886.728.....Thiocyanates
D02.886.740.....Thioglycosides
D02.886.740.149.....Dithioerythritol

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.740.224.....Dithiothreitol
D02.886.740.299.....Sucralfate
D02.886.740.600.....Thiogalactosides
D02.886.740.600.500.....Isopropyl Thiogalactoside
D02.886.740.703.....Thioglucosides
D02.886.740.703.350.....Glucosinolates
D02.886.753.....Thiones
D02.886.753.077.....Anethole Trithione
D02.886.759.....Thionucleosides
D02.886.759.111.....Azathioprine
D02.886.759.800.....Thioinosine
D02.886.759.800.500.....Methylthioinosine
D02.886.759.829.....Thiouridine
D02.886.765.....Thionucleotides
D02.886.765.380.....Guanosine 5'-O-(3-Thiotriphosphate)
D02.886.778.....Thiophenes
D02.886.778.075.....Canagliflozin
D02.886.778.150.....Carticaine
D02.886.778.260.....Duloxetine Hydrochloride
D02.886.778.315.....Prasugrel Hydrochloride
D02.886.778.370.....Ketotifen
D02.886.778.440.....Morantel
D02.886.778.580.....Pizotyline
D02.886.778.634.....Pyrantel
D02.886.778.634.600.....Pyrantel Pamoate
D02.886.778.634.670.....Pyrantel Tartrate
D02.886.778.727.....Rivaroxaban
D02.886.778.820.....Thenoyltrifluoroacetone
D02.886.778.823.....Thienopyridines
D02.886.778.823.500.....Ticlopidine
D02.886.778.827.....Thioctic Acid
D02.886.778.840.....Ticrynafen
D02.886.778.850.....Tiletamine
D02.886.803.....Thiosemicarbazones
D02.886.803.450.....Methisazone
D02.886.803.702.....Thioacetazone
D02.886.904.....Thiourea
D02.886.904.100.....beta-Aminoethyl Isothiourea
D02.886.904.200.....Burimamide
D02.886.904.282.....Dimaprit
D02.886.904.365.....Guanylthiourea

## 2018 MeSH Tree Hierarchy

Tree location
D02.886.904.390.....Isothiuronium
D02.886.904.425.....Methallibure
D02.886.904.455.....Metiamide
D02.886.904.500.....Noxythiolin
D02.886.904.601.....Phenylthiourea
D02.886.904.601.600.....Phenylthiazolylthiourea
D02.886.904.601.900.....Thiophanate
D02.886.952.....Thioxanthenes
D02.886.952.250.....Chlorprothixene
D02.886.952.305.....Clopenthixol
D02.886.952.360.....Flupenthixol
D02.886.952.450.....Hycanthone
D02.886.952.500.....Lucanthone
D02.886.952.787.....Thiothixene
D02.925.....Triazenes
D02.925.200.....Dacarbazine
D02.925.240.....Diminazene
D02.948.....Urea
D02.948.058.....Allantoin
D02.948.117.....Biureas
D02.948.130.....Biuret
D02.948.160.....Bromisovalum
D02.948.395.....Hydroxyurea
D02.948.511.....Methylurea Compounds
D02.948.594.....Nitrosourea Compounds
D02.948.594.247.....Carmustine
D02.948.594.310.....Ethylnitrosourea
D02.948.594.440.....Lomustine
D02.948.594.440.700.....Semustine
D02.948.594.490.....Methylnitrosourea
D02.948.594.550.....Nimustine
D02.948.594.768.....Streptozocin
D02.948.681.....Phenylurea Compounds
D02.948.681.202.....Carbanilides
D02.948.681.202.400.....Imidocarb
D02.948.681.202.550.....Nicarbazin
D02.948.681.241.....Celiprolol
D02.948.681.280.....Diflubenzuron
D02.948.681.397.....Diuron
D02.948.681.515.....Linuron
D02.948.828.....Sulfonylurea Compounds

## 2018 MeSH Tree Hierarchy

Tree location	
D02.948.828.071.....	Acetohexamide
D02.948.828.204.....	Carbutamide
D02.948.828.283.....	Chlorpropamide
D02.948.828.475.....	Gliclazide
D02.948.828.575.....	Glyburide
D02.948.828.834.....	Tolazamide
D02.948.828.896.....	Tolbutamide
D02.948.898.....	Thiourea
D02.948.898.100.....	beta-Aminoethyl Isothiourea
D02.948.898.200.....	Burimamide
D02.948.898.282.....	Dimaprit
D02.948.898.323.....	Ethylenethiourea
D02.948.898.365.....	Guanylthiourea
D02.948.898.390.....	Isothiuronium
D02.948.898.425.....	Methallibure
D02.948.898.455.....	Metiamide
D02.948.898.500.....	Noxythiolin
D02.948.898.601.....	Phenylthiourea
D02.948.898.601.600.....	Phenylthiazolythiourea
D02.948.898.601.900.....	Thiophanate
D02.974.....	Volatile Organic Compounds
D03.....	Heterocyclic Compounds
D03.066.....	Acids, Heterocyclic
D03.066.160.....	Cinoxacin
D03.066.288.....	Indoleacetic Acids
D03.066.288.200.....	Etodolac
D03.066.288.478.....	Hydroxyindoleacetic Acid
D03.066.349.....	Isonicotinic Acids
D03.066.349.220.....	Ethionamide
D03.066.349.390.....	Iproniazid
D03.066.349.410.....	Isoniazid
D03.066.349.490.....	Nialamide
D03.066.349.570.....	Prothionamide
D03.066.349.600.....	Pyridoxic Acid
D03.066.399.....	Isonipectic Acids
D03.066.399.300.....	Diphenoxylate
D03.066.399.450.....	Meperidine
D03.066.399.450.700.....	Promedol
D03.066.399.600.....	Phenoperidine
D03.066.399.650.....	Pirinitramide
D03.066.515.....	Nicotinic Acids

## 2018 MeSH Tree Hierarchy

Tree location
D03.066.515.292.....Arecoline
D03.066.515.375.....Clonixin
D03.066.515.400.....Etazolate
D03.066.515.475.....Niacin
D03.066.515.530.....Niacinamide
D03.066.515.530.248.....6-Aminonicotinamide
D03.066.515.530.498.....Nicorandil
D03.066.515.530.500.....Nikethamide
D03.066.515.540.....Niceritrol
D03.066.515.550.....Niflumic Acid
D03.066.515.635.....Pipemidic Acid
D03.066.515.650.....Piromidic Acid
D03.066.515.950.....Xanthinol Niacinate
D03.066.566.....Nipecotic Acids
D03.066.627.....Orotic Acid
D03.066.707.....Picolinic Acids
D03.066.707.200.....Fusaric Acid
D03.066.707.523.....Picloram
D03.066.707.768.....Streptonigrin
D03.066.758.....Pipecolic Acids
D03.066.942.....Xanthurenates
D03.066.942.505.....Kynurenic Acid
D03.132.....Alkaloids
D03.132.014.....1-Deoxynojirimycin
D03.132.030.....Aconitine
D03.132.032.....Acridones
D03.132.032.077.....Acronine
D03.132.052.....Amaryllidaceae Alkaloids
D03.132.052.500.....Galantamine
D03.132.066.....Anabasine
D03.132.080.....Arecoline
D03.132.089.....Benzophenanthridines
D03.132.098.....Benzylisoquinolines
D03.132.098.038.....Aporphines
D03.132.098.038.290.....Apomorphine
D03.132.098.057.....Berberine Alkaloids
D03.132.098.057.100.....Berberine
D03.132.098.077.....Bicuculline
D03.132.098.666.....Papaverine
D03.132.098.666.850.....Tetrahydropapaveroline
D03.132.098.833.....Toxiferine

## 2018 MeSH Tree Hierarchy

Tree location
D03.132.098.833.050.....Alcuronium
D03.132.098.916.....Tubocurarine
D03.132.124.....Betalains
D03.132.124.500.....Betacyanins
D03.132.124.750.....Betaxanthins
D03.132.151.....Camptothecin
D03.132.151.850.....Topotecan
D03.132.206.....Cinchona Alkaloids
D03.132.206.636.....Quinidine
D03.132.206.719.....Quinine
D03.132.225.....Colchicine
D03.132.225.374.....Demecolcine
D03.132.225.500.....Lumicolchicines
D03.132.285.....Dihydro-beta-Erythroidine
D03.132.316.....Emetine
D03.132.327.....Ergot Alkaloids
D03.132.327.287.....Ergolines
D03.132.327.287.262.....Ergonovine
D03.132.327.287.262.455.....Methylergonovine
D03.132.327.287.417.....Lisuride
D03.132.327.287.572.....Lysergic Acid
D03.132.327.287.572.522.....Lysergic Acid Diethylamide
D03.132.327.287.630.....Metergoline
D03.132.327.287.689.....Methysergide
D03.132.327.287.730.....Nicergoline
D03.132.327.287.800.....Pergolide
D03.132.327.412.....Ergotamines
D03.132.327.412.100.....Bromocriptine
D03.132.327.412.150.....Dihydroergocornine
D03.132.327.412.175.....Dihydroergocristine
D03.132.327.412.200.....Dihydroergocryptine
D03.132.327.412.225.....Dihydroergotamine
D03.132.327.412.250.....Dihydroergotoxine
D03.132.327.412.250.500.....Ergoloid Mesylates
D03.132.327.412.400.....Ergotamine
D03.132.420.....Harringtonines
D03.132.436.....Indole Alkaloids
D03.132.436.444.....Harmaline
D03.132.436.477.....Harmine
D03.132.436.545.....Physostigmine
D03.132.436.613.....Psilocybin



## 2018 MeSH Tree Hierarchy

Tree location	
D03.132.436.681.....	Secologanin Tryptamine Alkaloids
D03.132.436.681.077.....	Ajmaline
D03.132.436.681.077.324.....	Lorajmine
D03.132.436.681.077.650.....	Prajmaline
D03.132.436.681.333.....	Ellipticines
D03.132.436.681.444.....	lbogaine
D03.132.436.681.722.....	Strychnine
D03.132.436.681.827.....	Vinca Alkaloids
D03.132.436.681.827.650.....	Vinblastine
D03.132.436.681.827.750.....	Vincamine
D03.132.436.681.827.817.....	Vincristine
D03.132.436.681.827.830.....	Vindesine
D03.132.436.681.933.....	Yohimbine
D03.132.436.681.933.500.....	Reserpine
D03.132.436.750.....	Staurosporine
D03.132.478.....	Lobeline
D03.132.524.....	Mescaline
D03.132.545.....	Muscarine
D03.132.577.....	Opiate Alkaloids
D03.132.577.249.....	Morphinans
D03.132.577.249.106.....	Benzomorphans
D03.132.577.249.106.700.....	Pentazocine
D03.132.577.249.106.715.....	Phenazocine
D03.132.577.249.150.....	Buprenorphine
D03.132.577.249.150.500.....	Buprenorphine, Naloxone Drug Combination
D03.132.577.249.165.....	Butorphanol
D03.132.577.249.200.....	Dextromethorphan
D03.132.577.249.235.....	Dextrophan
D03.132.577.249.250.....	Diprenorphine
D03.132.577.249.270.....	Etorphine
D03.132.577.249.413.....	Levallorphan
D03.132.577.249.463.....	Levorphanol
D03.132.577.249.562.....	Morphine Derivatives
D03.132.577.249.562.149.....	Codeine
D03.132.577.249.562.149.287.....	Hydrocodone
D03.132.577.249.562.149.575.....	Oxycodone
D03.132.577.249.562.350.....	Dihydromorphine
D03.132.577.249.562.430.....	Ethylmorphine
D03.132.577.249.562.445.....	Heroin
D03.132.577.249.562.450.....	Hydromorphone
D03.132.577.249.562.571.....	Morphine

## 2018 MeSH Tree Hierarchy

Tree location
D03.132.577.249.562.692.....Oxymorphone
D03.132.577.249.562.856.....Thebaine
D03.132.577.249.606.....Nalbuphine
D03.132.577.249.656.....Nalorphine
D03.132.577.249.706.....Naloxone
D03.132.577.249.706.275.....Buprenorphine, Naloxone Drug Combination
D03.132.577.249.706.550.....Naltrexone
D03.132.577.500.....Noscapine
D03.132.577.750.....Papaverine
D03.132.672.....Pilocarpine
D03.132.716.....Pyrrolizidine Alkaloids
D03.132.716.500.....Monocrotaline
D03.132.740.....Ryanodine
D03.132.750.....Salsoline Alkaloids
D03.132.760.....Solanaceous Alkaloids
D03.132.760.180.....Belladonna Alkaloids
D03.132.760.180.572.....Atropine Derivatives
D03.132.760.180.572.199.....Atropine
D03.132.760.180.572.199.500.....Hyoscyamine
D03.132.760.180.572.400.....Ipratropium
D03.132.760.180.572.400.500.....Albuterol, Ipratropium Drug Combination
D03.132.760.180.848.....Scopolamine Hydrobromide
D03.132.760.200.....Capsaicin
D03.132.760.570.....Nicotine
D03.132.760.769.....Solanine
D03.132.760.864.....Tomatine
D03.132.786.....Sparteine
D03.132.830.....Swainsonine
D03.132.889.....Tropanes
D03.132.889.180.....Belladonna Alkaloids
D03.132.889.180.648.....Atropine Derivatives
D03.132.889.180.648.199.....Atropine
D03.132.889.180.648.199.500.....Hyoscyamine
D03.132.889.180.648.400.....Ipratropium
D03.132.889.180.648.400.500.....Albuterol, Ipratropium Drug Combination
D03.132.889.244.....Benztropine
D03.132.889.354.....Cocaine
D03.132.889.354.250.....Crack Cocaine
D03.132.889.601.....Scopolamine Derivatives
D03.132.889.601.200.....Butylscopolammonium Bromide
D03.132.889.601.550.....N-Methylscopolamine

## 2018 MeSH Tree Hierarchy

Tree location	
D03.132.889.601.775.....	Scopolamine Hydrobromide
D03.132.889.601.887.....	Tiotropium Bromide
D03.132.920.....	Veratrum Alkaloids
D03.132.920.256.....	Cevanes
D03.132.920.256.310.....	Germine Acetates
D03.132.920.256.543.....	Protoveratrines
D03.132.920.256.679.....	Veratridine
D03.132.920.256.815.....	Veratrine
D03.132.960.....	Xanthines
D03.132.960.175.....	Caffeine
D03.132.960.651.....	Theobromine
D03.132.960.751.....	Theophylline
D03.132.960.877.....	Uric Acid
D03.132.960.938.....	Xanthine
D03.383.....	Heterocyclic Compounds, 1-Ring
D03.383.066.....	Azepines
D03.383.066.150.....	Caprolactam
D03.383.066.200.....	Dilazep
D03.383.066.400.....	Meptazinol
D03.383.066.498.....	Oxazepines
D03.383.066.600.....	Pentylene-tetrazole
D03.383.066.785.....	Thiazepines
D03.383.082.....	Azetines
D03.383.082.301.....	Azetidines
D03.383.082.301.100.....	Azetidinecarboxylic Acid
D03.383.082.301.550.....	Ezetimibe
D03.383.082.301.550.500.....	Ezetimibe, Simvastatin Drug Combination
D03.383.097.....	Azirines
D03.383.097.217.....	Aziridines
D03.383.097.217.300.....	Carbazilquinone
D03.383.097.217.900.....	Triaziquone
D03.383.097.217.924.....	Triethylenemelamine
D03.383.097.217.935.....	Triethylenephosphoramidate
D03.383.097.217.935.960.....	Thiotepa
D03.383.097.500.....	Mitomycins
D03.383.097.500.350.....	Mitomycin
D03.383.097.500.700.....	Porfiromycin
D03.383.113.....	Azocines
D03.383.113.367.....	Cyclazocine
D03.383.113.367.350.....	Ethylketocyclazocine
D03.383.113.767.....	Oxazocines

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.113.767.500.....Nefopam
D03.383.129.....Azoles
D03.383.129.308.....Imidazoles
D03.383.129.308.030.....Aminoimidazole Carboxamide
D03.383.129.308.040.....Antazoline
D03.383.129.308.080.....Biotin
D03.383.129.308.090.....Bis(4-Methyl-1-Homopiperazinythiocarbonyl)disulfide
D03.383.129.308.100.....4-(3-Butoxy-4-methoxybenzyl)-2-imidazolidinone
D03.383.129.308.108.....Carbimazole
D03.383.129.308.130.....Cimetidine
D03.383.129.308.175.....Clotrimazole
D03.383.129.308.207.....Creatinine
D03.383.129.308.240.....Dacarbazine
D03.383.129.308.245.....Dexmedetomidine
D03.383.129.308.250.....Econazole
D03.383.129.308.253.....Enoximone
D03.383.129.308.260.....Etimizol
D03.383.129.308.265.....Etomidate
D03.383.129.308.270.....Fadrozole
D03.383.129.308.290.....Fluspirilene
D03.383.129.308.373.....Histamine
D03.383.129.308.373.500.....Methylhistamines
D03.383.129.308.385.....Histidinol
D03.383.129.308.428.....Idazoxan
D03.383.129.308.432.....Imidazolidines
D03.383.129.308.432.500.....Ethylenethiourea
D03.383.129.308.432.555.....Hydantoins
D03.383.129.308.432.555.105.....Allantoin
D03.383.129.308.432.555.287.....Dantrolene
D03.383.129.308.432.555.620.....Mephenytoin
D03.383.129.308.432.555.730.....Phenytoin
D03.383.129.308.432.555.868.....Thiohydantoins
D03.383.129.308.432.555.868.650.....Phenylthiohydantoin
D03.383.129.308.436.....Imidazolines
D03.383.129.308.436.500.....Clonidine
D03.383.129.308.436.750.....Tolazoline
D03.383.129.308.445.....Impromidine
D03.383.129.308.480.....Levamisole
D03.383.129.308.507.....Losartan
D03.383.129.308.521.....Medetomidine
D03.383.129.308.535.....Methimazole

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.129.308.550.....Miconazole
D03.383.129.308.585.....Naphazoline
D03.383.129.308.626.....Niridazole
D03.383.129.308.658.....Nitroimidazoles
D03.383.129.308.658.200.....Dimetridazole
D03.383.129.308.658.250.....Etanidazole
D03.383.129.308.658.400.....Ipronidazole
D03.383.129.308.658.500.....Metronidazole
D03.383.129.308.658.530.....Misonidazole
D03.383.129.308.658.580.....Nimorazole
D03.383.129.308.658.700.....Ornidazole
D03.383.129.308.658.730.....Ronidazole
D03.383.129.308.658.900.....Tinidazole
D03.383.129.308.674.....Olmesartan Medoxomil
D03.383.129.308.674.500.....Amlodipine Besylate, Olmesartan Medoxomil Drug Combination
D03.383.129.308.690.....Ondansetron
D03.383.129.308.704.....Oxymetazoline
D03.383.129.308.754.....Phentolamine
D03.383.129.308.884.....Tetramisole
D03.383.129.308.935.....Trimethaphan
D03.383.129.308.960.....Urocanic Acid
D03.383.129.308.980.....Vardenafil Dihydrochloride
D03.383.129.385.....Isoxazoles
D03.383.129.385.025.....alpha-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid
D03.383.129.385.162.....Cycloserine
D03.383.129.385.231.....Ibotenic Acid
D03.383.129.385.300.....Isocarboxazid
D03.383.129.385.650.....Paliperidone Palmitate
D03.383.129.462.....Oxazoles
D03.383.129.462.050.....Aminorex
D03.383.129.462.175.....Dimethadione
D03.383.129.462.285.....Fura-2
D03.383.129.462.470.....Muscimol
D03.383.129.462.580.....Oxadiazoles
D03.383.129.462.580.200.....5-Amino-3-((5-nitro-2-furyl)viny)-1,2,4-oxadiazole
D03.383.129.462.580.400.....4-Chloro-7-nitrobenzofurazan
D03.383.129.462.580.600.....Quisqualic Acid
D03.383.129.462.580.693.....Sydnones
D03.383.129.462.580.693.450.....Molsidomine
D03.383.129.462.600.....Oxazolidinones
D03.383.129.462.600.162.....Cycloserine

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.129.462.600.500.....Furazolidone
D03.383.129.462.600.550.....Linezolid
D03.383.129.462.600.600.....Nifuratel
D03.383.129.462.620.....Oxazolone
D03.383.129.462.673.....Pemoline
D03.383.129.462.883.....Trimethadione
D03.383.129.539.....Pyrazoles
D03.383.129.539.100.....Betazole
D03.383.129.539.120.....4,5-Dihydro-1-(3-(trifluoromethyl)phenyl)-1H-pyrazol-3-amine
D03.383.129.539.160.....Celecoxib
D03.383.129.539.200.....Epirizole
D03.383.129.539.487.....Indazoles
D03.383.129.539.487.130.....Benzydamine
D03.383.129.539.487.350.....Granisetron
D03.383.129.539.550.....Muzolimine
D03.383.129.539.650.....Oxypurinol
D03.383.129.539.850.....Pyrazolones
D03.383.129.539.850.077.....Aminopyrine
D03.383.129.539.850.077.025.....Ampyrone
D03.383.129.539.850.077.150.....Dipyron
D03.383.129.539.850.088.....Antipyrine
D03.383.129.539.850.777.....Phenylbutazone
D03.383.129.539.850.777.670.....Feprazone
D03.383.129.539.850.777.700.....Oxyphenbutazone
D03.383.129.539.850.777.800.....Sulfinpyrazone
D03.383.129.539.925.....Sulfaphenazole
D03.383.129.578.....Pyrroles
D03.383.129.578.075.....Atorvastatin Calcium
D03.383.129.578.150.....Cromakalim
D03.383.129.578.399.....Maleimides
D03.383.129.578.399.418.....Ethylmaleimide
D03.383.129.578.617.....Porphobilinogen
D03.383.129.578.748.....Prodigiosin
D03.383.129.578.770.....Pyrrolnitrin
D03.383.129.578.805.....Ryanodine
D03.383.129.578.840.....Tetrapyrroles
D03.383.129.578.840.249.....Bile Pigments
D03.383.129.578.840.249.184.....Bilirubin
D03.383.129.578.840.249.184.200.....Biliverdine
D03.383.129.578.840.249.727.....Urobilin
D03.383.129.578.840.249.852.....Urobilinogen

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.129.578.840.374.....Chlorophyll
D03.383.129.578.840.374.100.....Bacteriochlorophylls
D03.383.129.578.840.374.180.....Chlorophyllides
D03.383.129.578.840.374.700.....Pheophytins
D03.383.129.578.840.374.725.....Protochlorophyllide
D03.383.129.578.840.437.....Corrinoids
D03.383.129.578.840.437.777.....Vitamin B 12
D03.383.129.578.840.437.777.270.....Cobamides
D03.383.129.578.840.437.777.560.....Hydroxocobalamin
D03.383.129.578.840.468.....Phycobilins
D03.383.129.578.840.500.....Porphyrins
D03.383.129.578.840.500.250.....Coproporphyrins
D03.383.129.578.840.500.280.....Deuteroporphyrins
D03.383.129.578.840.500.340.....Etioporphyrins
D03.383.129.578.840.500.462.....Hematoporphyrins
D03.383.129.578.840.500.462.400.....Hematoporphyrin Derivative
D03.383.129.578.840.500.462.400.200.....Dihematoporphyrin Ether
D03.383.129.578.840.500.620.....Mesoporphyrins
D03.383.129.578.840.500.640.....Metalloporphyrins
D03.383.129.578.840.500.640.220.....Chlorophyll
D03.383.129.578.840.500.640.220.100.....Bacteriochlorophylls
D03.383.129.578.840.500.640.220.180.....Chlorophyllides
D03.383.129.578.840.500.640.220.453.....Pheophytins
D03.383.129.578.840.500.640.220.725.....Protochlorophyllide
D03.383.129.578.840.500.640.587.....Heme
D03.383.129.578.840.500.640.587.462.....Hemin
D03.383.129.578.840.500.700.....Porphyrinogens
D03.383.129.578.840.500.700.250.....Coproporphyrinogens
D03.383.129.578.840.500.700.900.....Uroporphyrinogens
D03.383.129.578.840.500.725.....Protoporphyrins
D03.383.129.578.840.500.880.....Uroporphyrins
D03.383.129.578.910.....Tolmetin
D03.383.129.617.....Tetrazoles
D03.383.129.617.235.....Cefotetan
D03.383.129.617.467.....Losartan
D03.383.129.617.584.....Olmesartan Medoxomil
D03.383.129.617.584.500.....Amlodipine Besylate, Olmesartan Medoxomil Drug Combination
D03.383.129.617.700.....Tetrazolium Salts
D03.383.129.617.700.500.....Nitroblue Tetrazolium
D03.383.129.617.850.....Valsartan
D03.383.129.617.850.500.....Amlodipine, Valsartan Drug Combination

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.129.708.....Thiazoles
D03.383.129.708.089.....Benzothiazoles
D03.383.129.708.089.222.....Dithiazanine
D03.383.129.708.089.416.....Ethoxzolamide
D03.383.129.708.089.611.....Riluzole
D03.383.129.708.089.708.....Saccharin
D03.383.129.708.180.....Chlormethiazole
D03.383.129.708.189.....Cobicistat
D03.383.129.708.189.500.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.383.129.708.198.....Dasatinib
D03.383.129.708.215.....Famotidine
D03.383.129.708.250.....FANFT
D03.383.129.708.274.....Febuxostat
D03.383.129.708.298.....Firefly Luciferin
D03.383.129.708.346.....Levamisole
D03.383.129.708.414.....Lurasidone Hydrochloride
D03.383.129.708.482.....Niridazole
D03.383.129.708.500.....Nizatidine
D03.383.129.708.540.....Oxythiamine
D03.383.129.708.649.....Rhodanine
D03.383.129.708.653.....Ritonavir
D03.383.129.708.725.....Sulfathiazoles
D03.383.129.708.782.....Tetramisole
D03.383.129.708.824.....Thiabendazole
D03.383.129.708.867.....Thiadiazoles
D03.383.129.708.867.060.....Acetazolamide
D03.383.129.708.867.120.....Benzolamide
D03.383.129.708.867.537.....Methazolamide
D03.383.129.708.867.768.....Timolol
D03.383.129.708.867.768.500.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D03.383.129.708.900.....Thiamine
D03.383.129.708.900.300.....Fursultiamin
D03.383.129.708.900.600.....Thiamine Monophosphate
D03.383.129.708.900.702.....Thiamine Pyrophosphate
D03.383.129.708.900.900.....Thiamine Triphosphate
D03.383.129.708.933.....Thiazolidinediones
D03.383.129.799.....Triazoles
D03.383.129.799.100.....Amitrole
D03.383.129.799.450.....Fluconazole
D03.383.129.799.500.....Guanazole
D03.383.129.799.550.....Itraconazole



## 2018 MeSH Tree Hierarchy

Tree location	
D03.383.129.799.725.....	Sitagliptin Phosphate
D03.383.129.799.725.500.....	Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
D03.383.129.799.900.....	Trapidil
D03.383.129.799.950.....	Voriconazole
D03.383.188.....	Dioxanes
D03.383.188.425.....	Idazoxan
D03.383.188.568.....	Piperoxan
D03.383.188.712.....	Spectinomycin
D03.383.231.....	Dioxins
D03.383.246.....	Dioxoles
D03.383.246.118.....	Benzodioxoles
D03.383.246.118.600.....	Piperonyl Butoxide
D03.383.246.118.750.....	Safrole
D03.383.246.238.....	Dioxolanes
D03.383.312.....	Furans
D03.383.312.150.....	4-Butyrolactone
D03.383.312.200.....	Acetogenins
D03.383.312.250.....	Citraconic Anhydrides
D03.383.312.303.....	Darunavir
D03.383.312.355.....	Furaldehyde
D03.383.312.490.....	Lasalocid
D03.383.312.520.....	Maleic Anhydrides
D03.383.312.600.....	Monensin
D03.383.312.620.....	Nafronyl
D03.383.312.634.....	Nigericin
D03.383.312.649.....	Nitrofurans
D03.383.312.649.200.....	5-Amino-3-((5-nitro-2-furyl)vinyl)-1,2,4-oxadiazole
D03.383.312.649.290.....	FANFT
D03.383.312.649.308.....	Furagin
D03.383.312.649.313.....	Furazolidone
D03.383.312.649.330.....	Furylfuramide
D03.383.312.649.410.....	Nifuratel
D03.383.312.649.480.....	Nifurtimox
D03.383.312.649.566.....	Nitrofurantoin
D03.383.312.649.691.....	Nitrofurazone
D03.383.312.649.750.....	Nitrovin
D03.383.312.750.....	Ranitidine
D03.383.411.....	Lactams
D03.383.411.200.....	Caprolactam
D03.383.411.350.....	Monobactams
D03.383.411.350.044.....	Aztreonam

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.464.....Neonicotinoids
D03.383.517.....Oxathiins
D03.383.517.200.....Carboxin
D03.383.533.....Oxazines
D03.383.533.249.....Benzoxazines
D03.383.533.375.....Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.383.533.500.....Ifosfamide
D03.383.533.640.....Morpholines
D03.383.533.640.250.....Dextromoramide
D03.383.533.640.362.....Molsidomine
D03.383.533.640.475.....Morcizine
D03.383.533.640.562.....Morpholinos
D03.383.533.640.650.....Phenmetrazine
D03.383.533.640.713.....Rivaroxaban
D03.383.533.640.775.....Timolol
D03.383.533.640.900.....Viloxazine
D03.383.533.640.950.....Xamoterol
D03.383.564.....Oxepins
D03.383.585.....Oxocins
D03.383.606.....Piperazines
D03.383.606.130.....Almitrine
D03.383.606.170.....Aripiprazole
D03.383.606.210.....Buspirone
D03.383.606.290.....Cinnarizine
D03.383.606.320.....Cyclizine
D03.383.606.350.....Delavirdine
D03.383.606.380.....Diethylcarbazine
D03.383.606.385.....Diketopiperazines
D03.383.606.385.500.....Razoxane
D03.383.606.385.500.500.....Dexrazoxane
D03.383.606.390.....Dimethylphenylpiperazinium Iodide
D03.383.606.398.....Eszopiclone
D03.383.606.405.....Imatinib Mesylate
D03.383.606.420.....Prasugrel Hydrochloride
D03.383.606.450.....Flunarizine
D03.383.606.460.....Flupenthixol
D03.383.606.500.....HEPES
D03.383.606.515.....Hydroxyzine
D03.383.606.515.200.....Cetirizine
D03.383.606.527.....1-(5-Isoquinolinesulfonyl)-2-Methylpiperazine
D03.383.606.530.....Itraconazole

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.606.560.....Ketoconazole
D03.383.606.596.....Lidoflazine
D03.383.606.650.....Meclizine
D03.383.606.760.....Pipecuronium
D03.383.606.765.....Pipemidic Acid
D03.383.606.773.....Pipobroman
D03.383.606.790.....Piribedil
D03.383.606.810.....Prospidium
D03.383.606.827.....Quipazine
D03.383.606.841.....Ranolazine
D03.383.606.854.....Sildenafil Citrate
D03.383.606.880.....Thiethylperazine
D03.383.606.900.....Trazodone
D03.383.606.920.....Trimetazidine
D03.383.606.960.....Vardenafil Dihydrochloride
D03.383.606.980.....Vilazodone Hydrochloride
D03.383.621.....Piperidines
D03.383.621.040.....Alphaprodine
D03.383.621.050.....Anabasine
D03.383.621.080.....Betalains
D03.383.621.080.500.....Betacyanins
D03.383.621.080.750.....Betaxanthins
D03.383.621.110.....Biperiden
D03.383.621.135.....Cisapride
D03.383.621.147.....Clopamide
D03.383.621.160.....Cyproheptadine
D03.383.621.160.500.....Loratadine
D03.383.621.210.....Domperidone
D03.383.621.265.....Fentanyl
D03.383.621.265.100.....Alfentanil
D03.383.621.265.900.....Sufentanil
D03.383.621.270.....Flecainide
D03.383.621.280.....Fluspirilene
D03.383.621.300.....Imino Pyranoses
D03.383.621.300.033.....1-Deoxynojirimycin
D03.383.621.320.....Indoramin
D03.383.621.349.....Isonipectic Acids
D03.383.621.349.300.....Diphenoxylate
D03.383.621.349.450.....Meperidine
D03.383.621.349.450.700.....Promedol
D03.383.621.349.683.....Phenoperidine

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.621.349.700.....Pirinitramide
D03.383.621.365.....Ketanserin
D03.383.621.370.....Ketotifen
D03.383.621.418.....Lobeline
D03.383.621.440.....Loperamide
D03.383.621.450.....Mepivacaine
D03.383.621.460.....Methylphenidate
D03.383.621.460.500.....Dexmethylphenidate Hydrochloride
D03.383.621.493.....Minoxidil
D03.383.621.566.....Nipecotic Acids
D03.383.621.600.....Paroxetine
D03.383.621.610.....Pempidine
D03.383.621.620.....Penfluridol
D03.383.621.644.....Perhexiline
D03.383.621.699.....Phencyclidine
D03.383.621.758.....Pipelicolic Acids
D03.383.621.758.323.....Bupivacaine
D03.383.621.808.....Piperidones
D03.383.621.808.240.....Cycloheximide
D03.383.621.808.250.....Dexetimide
D03.383.621.808.425.....Glutethimide
D03.383.621.808.425.100.....Aminoglutethimide
D03.383.621.808.612.....Naphthalimides
D03.383.621.808.800.....Thalidomide
D03.383.621.808.930.....Triacetoneamine-N-Oxyl
D03.383.621.815.....Piperoxan
D03.383.621.840.....Ritanserin
D03.383.621.855.....Terfenadine
D03.383.621.900.....Trihexyphenidyl
D03.383.663.....Pyrans
D03.383.663.075.....Aurovertins
D03.383.663.283.....Benzopyrans
D03.383.663.283.119.....Aflatoxins
D03.383.663.283.119.075.....Aflatoxin B1
D03.383.663.283.119.100.....Aflatoxin M1
D03.383.663.283.240.....Chromans
D03.383.663.283.240.190.....Catechin
D03.383.663.283.240.225.....Centchroman
D03.383.663.283.266.....Chromones
D03.383.663.283.266.300.....Cromolyn Sodium
D03.383.663.283.266.450.....Flavonoids

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.663.283.266.450.087.....Anthocyanins
D03.383.663.283.266.450.175.....Benzoflavones
D03.383.663.283.266.450.175.100.....beta-Naphthoflavone
D03.383.663.283.266.450.190.....Biflavonoids
D03.383.663.283.266.450.206.....Catechin
D03.383.663.283.266.450.221.....Chalcones
D03.383.663.283.266.450.252.....Flavanones
D03.383.663.283.266.450.252.500.....Hesperidin
D03.383.663.283.266.450.260.....Flavones
D03.383.663.283.266.450.260.110.....Apigenin
D03.383.663.283.266.450.260.222.....Diosmin
D03.383.663.283.266.450.260.444.....Flavoxate
D03.383.663.283.266.450.260.555.....Luteolin
D03.383.663.283.266.450.268.....Flavonolignans
D03.383.663.283.266.450.268.777.....Silymarin
D03.383.663.283.266.450.284.....Flavonols
D03.383.663.283.266.450.284.388.....Kaempferols
D03.383.663.283.266.450.284.777.....Quercetin
D03.383.663.283.266.450.284.888.....Rutin
D03.383.663.283.266.450.284.888.500.....Hydroxyethylrutoside
D03.383.663.283.266.450.400.....Isoflavones
D03.383.663.283.266.450.400.187.....Coumestrol
D03.383.663.283.266.450.400.375.....Genistein
D03.383.663.283.266.450.400.687.....Pterocarpans
D03.383.663.283.266.450.400.843.....Rotenone
D03.383.663.283.266.450.550.....Phloretin
D03.383.663.283.266.450.550.615.....Polyphloretin Phosphate
D03.383.663.283.266.450.700.....Proanthocyanidins
D03.383.663.283.320.....Citrinin
D03.383.663.283.446.....Coumarins
D03.383.663.283.446.139.....Aminocoumarins
D03.383.663.283.446.139.500.....Novobiocin
D03.383.663.283.446.280.....Chromonar
D03.383.663.283.446.350.....Coumestrol
D03.383.663.283.446.400.....Esculin
D03.383.663.283.446.520.....4-Hydroxycoumarins
D03.383.663.283.446.520.079.....Acenocoumarol
D03.383.663.283.446.520.203.....Dicumarol
D03.383.663.283.446.520.451.....Ethyl Biscoumacetate
D03.383.663.283.446.520.750.....Phenprocoumon
D03.383.663.283.446.520.914.....Warfarin

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.663.283.446.598.....Isocoumarins
D03.383.663.283.446.598.500.....Ochratoxins
D03.383.663.283.446.794.....Furocoumarins
D03.383.663.283.446.794.200.....Ficusin
D03.383.663.283.446.794.300.....Khellin
D03.383.663.283.446.794.500.....Methoxsalen
D03.383.663.283.446.794.875.....Trioxsalen
D03.383.663.283.446.853.....Pyranocoumarins
D03.383.663.283.446.912.....Umbelliferones
D03.383.663.283.446.912.326.....Coumaphos
D03.383.663.283.446.912.531.....Hymecromone
D03.383.663.283.446.912.850.....Scopoletin
D03.383.663.283.455.....Cromakalim
D03.383.663.283.500.....Ellagic Acid
D03.383.663.283.600.....Hematoxylin
D03.383.663.283.755.....Nebivolol
D03.383.663.283.909.....Vitamin E
D03.383.663.283.909.750.....Tocopherols
D03.383.663.283.909.750.249.....alpha-Tocopherol
D03.383.663.283.909.750.374.....beta-Tocopherol
D03.383.663.283.909.750.500.....gamma-Tocopherol
D03.383.663.283.909.875.....Tocotrienols
D03.383.663.387.....Glaucarubin
D03.383.663.491.....Iridoids
D03.383.663.491.500.....Iridoid Glycosides
D03.383.663.491.500.500.....Iridoid Glucosides
D03.383.663.555.....Mupirocin
D03.383.663.620.....Nigericin
D03.383.663.663.....Patulin
D03.383.663.705.....Pyran Copolymer
D03.383.663.712.....Pyranocoumarins
D03.383.663.718.....Pyrones
D03.383.663.859.....Zanamivir
D03.383.679.....Pyrazines
D03.383.679.149.....Amiloride
D03.383.679.450.....Bortezomib
D03.383.679.600.....Eszopiclone
D03.383.679.750.....Pyrazinamide
D03.383.679.875.....Sitagliptin Phosphate
D03.383.679.875.500.....Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
D03.383.710.....Pyridazines

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.710.100.....Cilazapril
D03.383.710.350.....Luminol
D03.383.710.400.....Maleic Hydrazide
D03.383.710.605.....Phthalazines
D03.383.710.605.500.....Hydralazine
D03.383.710.605.500.250.....Dihydralazine
D03.383.710.605.925.....Todalazine
D03.383.725.....Pyridines
D03.383.725.024.....2-Pyridinylmethylsulfanylbenzimidazoles
D03.383.725.024.249.....Lansoprazole
D03.383.725.024.249.500.....Dexlansoprazole
D03.383.725.024.500.....Omeprazole
D03.383.725.024.500.500.....Esomeprazole
D03.383.725.024.750.....Rabeprazole
D03.383.725.050.....Aminopyridines
D03.383.725.050.060.....4-Aminopyridine
D03.383.725.050.085.....Amrinone
D03.383.725.050.085.543.....Milrinone
D03.383.725.050.440.....Methapyrilene
D03.383.725.050.610.....Phenazopyridine
D03.383.725.050.805.....Pyrilamine
D03.383.725.050.920.....Tripeleminamine
D03.383.725.068.....Atazanavir Sulfate
D03.383.725.086.....Betahistine
D03.383.725.150.....Carbolines
D03.383.725.150.500.....Tadalafil
D03.383.725.180.....Clopidol
D03.383.725.192.....Dabigatran
D03.383.725.203.....Dihydropyridines
D03.383.725.203.065.....Amlodipine
D03.383.725.203.065.500.....Amlodipine Besylate, Olmesartan Medoxomil Drug Combination
D03.383.725.203.065.750.....Amlodipine, Valsartan Drug Combination
D03.383.725.203.200.....Dicarbethoxydihydrocollidine
D03.383.725.203.250.....Felodipine
D03.383.725.203.310.....Isradipine
D03.383.725.203.510.....Nicardipine
D03.383.725.203.540.....Nifedipine
D03.383.725.203.570.....Nimodipine
D03.383.725.203.580.....Nisoldipine
D03.383.725.203.590.....Nitrendipine
D03.383.725.203.600.....3-Pyridinecarboxylic acid, 1,4-dihydro-2,6-dimethyl-5-nitro-4-(2-(trifluoromethyl)phenyl)-, Methyl ester

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.725.210.....Dimethindene
D03.383.725.220.....2,2'-Dipyridyl
D03.383.725.227.....Disopyramide
D03.383.725.259.....Doxylamine
D03.383.725.322.....Eszopiclone
D03.383.725.385.....Indinavir
D03.383.725.394.....Isonicotinic Acids
D03.383.725.394.220.....Ethionamide
D03.383.725.394.414.....Iproniazid
D03.383.725.394.582.....Isoniazid
D03.383.725.394.628.....Nialamide
D03.383.725.394.675.....Prothionamide
D03.383.725.394.700.....Pyridoxic Acid
D03.383.725.450.....1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine
D03.383.725.463.....Metyrapone
D03.383.725.495.....Naphthylvinylpyridine
D03.383.725.506.....Nevirapine
D03.383.725.518.....Nicotine
D03.383.725.547.....Nicotinic Acids
D03.383.725.547.292.....Arecoline
D03.383.725.547.375.....Clonixin
D03.383.725.547.400.....Etazolate
D03.383.725.547.475.....Niacin
D03.383.725.547.530.....Niacinamide
D03.383.725.547.530.248.....6-Aminonicotinamide
D03.383.725.547.530.498.....Nicorandil
D03.383.725.547.530.500.....Nikethamide
D03.383.725.547.540.....Niceritrol
D03.383.725.547.550.....Niflumic Acid
D03.383.725.547.570.....Nimodipine
D03.383.725.547.635.....Pipemidic Acid
D03.383.725.547.650.....Piromidic Acid
D03.383.725.547.900.....3-Pyridinecarboxylic acid, 1,4-dihydro-2,6-dimethyl-5-nitro-4-(2-(trifluoromethyl)phenyl)-, Methyl ester
D03.383.725.547.950.....Xanthinol Niacinate
D03.383.725.565.....Nicotiny Alcohol
D03.383.725.620.....Pheniramine
D03.383.725.620.129.....Brompheniramine
D03.383.725.620.129.960.....Zimeldine
D03.383.725.620.150.....Chlorpheniramine
D03.383.725.676.....Picolines
D03.383.725.676.152.....Amprolium



## 2018 MeSH Tree Hierarchy

Tree location
D03.383.725.676.925.....Vitamin B 6
D03.383.725.676.925.500.....Pyridoxal
D03.383.725.676.925.500.500.....Pyridoxal Phosphate
D03.383.725.676.925.750.....Pyridoxamine
D03.383.725.676.925.875.....Pyridoxine
D03.383.725.705.....Picolinic Acids
D03.383.725.705.200.....Fusaric Acid
D03.383.725.705.523.....Picloram
D03.383.725.705.645.....Pyridoxic Acid
D03.383.725.705.768.....Streptonigrin
D03.383.725.740.....Polyvinylpyridine N-Oxide
D03.383.725.762.....Pyridinium Compounds
D03.383.725.762.232.....Cetylpyridinium
D03.383.725.762.300.....Desmosine
D03.383.725.762.352.....Diquat
D03.383.725.762.500.....Isodesmosine
D03.383.725.762.550.....1-Methyl-4-phenylpyridinium
D03.383.725.762.600.....Obidoxime Chloride
D03.383.725.762.621.....Paraquat
D03.383.725.762.740.....Pyridostigmine Bromide
D03.383.725.762.760.....Pyrithiamine
D03.383.725.762.900.....Trimedoxime
D03.383.725.762.925.....Viologens
D03.383.725.762.925.100.....Benzyl Viologen
D03.383.725.791.....Pyridones
D03.383.725.791.100.....Bemegride
D03.383.725.791.496.....Iodopyridones
D03.383.725.791.496.371.....Iodopyracet
D03.383.725.791.496.750.....Propylidone
D03.383.725.791.550.....Mimosine
D03.383.725.791.900.....Trazodone
D03.383.725.812.....Pyrithoxin
D03.383.725.822.....Quinolinic Acids
D03.383.725.822.700.....Quinolinic Acid
D03.383.725.849.....Thienopyridines
D03.383.725.849.500.....Ticlopidine
D03.383.725.877.....Tolperisone
D03.383.725.932.....Triprolidine
D03.383.725.942.....Tropicamide
D03.383.742.....Pyrimidines
D03.383.742.120.....Buspirone

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.742.148.....Dasatinib
D03.383.742.175.....Dipyridamole
D03.383.742.175.500.....Aspirin, Dipyridamole Drug Combination
D03.383.742.200.....Epirizole
D03.383.742.279.....Hexetidine
D03.383.742.349.....Imatinib Mesylate
D03.383.742.418.....Minoxidil
D03.383.742.430.....Mopidamol
D03.383.742.440.....Morantel
D03.383.742.470.....Nicarbazin
D03.383.742.550.....Oxypurinol
D03.383.742.592.....Paliperidone Palmitate
D03.383.742.634.....Pyrantel
D03.383.742.634.600.....Pyrantel Pamoate
D03.383.742.634.670.....Pyrantel Tartrate
D03.383.742.675.....Pyrimethamine
D03.383.742.680.....Pyrimidine Nucleosides
D03.383.742.680.245.....Cytidine
D03.383.742.680.245.217.....Azacitidine
D03.383.742.680.245.453.....Cytarabine
D03.383.742.680.245.453.050.....Ancitabine
D03.383.742.680.245.500.....Deoxycytidine
D03.383.742.680.245.500.250.....Bromodeoxycytidine
D03.383.742.680.245.500.425.....Capecitabine
D03.383.742.680.245.500.600.....Emtricitabine
D03.383.742.680.245.500.600.125.....Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.383.742.680.245.500.600.250.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.383.742.680.245.500.600.500.....Emtricitabine, Rilpivirine, Tenofovir Drug Combination
D03.383.742.680.245.500.600.750.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.383.742.680.245.500.950.....Zalcitabine
D03.383.742.680.245.500.950.500.....Lamivudine
D03.383.742.680.350.....Formycins
D03.383.742.680.350.200.....Coformycin
D03.383.742.680.350.200.700.....Pentostatin
D03.383.742.680.705.....Thymidine
D03.383.742.680.705.875.....Stavudine
D03.383.742.680.705.900.....Trifluridine
D03.383.742.680.705.950.....Zidovudine
D03.383.742.680.725.....Tunicamycin
D03.383.742.680.852.....Uridine
D03.383.742.680.852.150.....Arabinofuranosyluracil

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.742.680.852.176.....Azauridine
D03.383.742.680.852.250.....3-Deazauridine
D03.383.742.680.852.300.....Deoxyuridine
D03.383.742.680.852.300.150.....Bromodeoxyuridine
D03.383.742.680.852.300.350.....Floxuridine
D03.383.742.680.852.300.400.....Idoxuridine
D03.383.742.680.852.628.....Pseudouridine
D03.383.742.680.852.800.....Tetrahydrouridine
D03.383.742.680.852.829.....Thiouridine
D03.383.742.686.....Pyrimidine Nucleotides
D03.383.742.686.050.....Apurinic Acid
D03.383.742.686.246.....Cytosine Nucleotides
D03.383.742.686.246.050.....Arabinofuranosylcytosine Triphosphate
D03.383.742.686.246.115.....Cyclic CMP
D03.383.742.686.246.150.....Cytidine Diphosphate
D03.383.742.686.246.150.180.....Cytidine Diphosphate Choline
D03.383.742.686.246.150.210.....Cytidine Diphosphate Diglycerides
D03.383.742.686.246.370.....Cytidine Monophosphate
D03.383.742.686.246.370.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D03.383.742.686.246.400.....Cytidine Triphosphate
D03.383.742.686.246.425.....Deoxycytosine Nucleotides
D03.383.742.686.246.425.300.....Deoxycytidine Monophosphate
D03.383.742.686.600.....Pyrimidine Dimers
D03.383.742.686.706.....Thymine Nucleotides
D03.383.742.686.706.788.....Thymidine Monophosphate
D03.383.742.686.850.....Uracil Nucleotides
D03.383.742.686.850.210.....Deoxyuracil Nucleotides
D03.383.742.686.850.210.200.....Fluorodeoxyuridylate
D03.383.742.686.850.600.....Uridine Diphosphate
D03.383.742.686.850.600.677.....Uridine Diphosphate Sugars
D03.383.742.686.850.600.677.100.....Uridine Diphosphate N-Acetylgalactosamine
D03.383.742.686.850.600.677.120.....Uridine Diphosphate N-Acetylglucosamine
D03.383.742.686.850.600.677.150.....Uridine Diphosphate N-Acetylmuramic Acid
D03.383.742.686.850.600.677.300.....Uridine Diphosphate Galactose
D03.383.742.686.850.600.677.350.....Uridine Diphosphate Glucose
D03.383.742.686.850.600.677.375.....Uridine Diphosphate Glucuronic Acid
D03.383.742.686.850.600.677.800.....Uridine Diphosphate Xylose
D03.383.742.686.850.877.....Uridine Monophosphate
D03.383.742.686.850.877.500.....Sofosbuvir
D03.383.742.686.850.950.....Uridine Triphosphate
D03.383.742.698.....Pyrimidinones

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.742.698.122.....Alloxan
D03.383.742.698.253.....Barbiturates
D03.383.742.698.253.077.....Amobarbital
D03.383.742.698.253.150.....Barbital
D03.383.742.698.253.317.....Hexobarbital
D03.383.742.698.253.434.....Mephobarbital
D03.383.742.698.253.488.....Methohexital
D03.383.742.698.253.500.....Murexide
D03.383.742.698.253.593.....Pentobarbital
D03.383.742.698.253.650.....Phenobarbital
D03.383.742.698.253.650.700.....Primidone
D03.383.742.698.253.762.....Secobarbital
D03.383.742.698.253.800.....Thiobarbiturates
D03.383.742.698.253.800.750.....Thiamylal
D03.383.742.698.253.800.810.....Thiopental
D03.383.742.698.421.....Cytosine
D03.383.742.698.421.431.....Flucytosine
D03.383.742.698.421.500.....5-Methylcytosine
D03.383.742.698.553.....Lopinavir
D03.383.742.698.685.....Risperidone
D03.383.742.698.700.....Ritanserin
D03.383.742.698.715.....Sparsomycin
D03.383.742.698.875.....Uracil
D03.383.742.698.875.237.....Bromouracil
D03.383.742.698.875.404.....Fluorouracil
D03.383.742.698.875.404.425.....Capecitabine
D03.383.742.698.875.404.850.....Tegafur
D03.383.742.698.875.480.....Hydroxyphenylazouracil
D03.383.742.698.875.660.....Orotic Acid
D03.383.742.698.875.700.....Pentoxyl
D03.383.742.698.875.842.....Thiouracil
D03.383.742.698.875.842.455.....Methylthiouracil
D03.383.742.698.875.842.708.....Propylthiouracil
D03.383.742.698.875.899.....Thymine
D03.383.742.698.875.949.....Uracil Mustard
D03.383.742.715.....Pyriethamine
D03.383.742.755.....Ralpivirine
D03.383.742.755.500.....Emtricitabine, Ralpivirine, Tenofovir Drug Combination
D03.383.742.775.....Rosuvastatin Calcium
D03.383.742.795.....Thiamine
D03.383.742.795.300.....Fursultiamin

## 2018 MeSH Tree Hierarchy

Tree location	
D03.383.742.795.600.....	Thiamine Monophosphate
D03.383.742.795.702.....	Thiamine Pyrophosphate
D03.383.742.795.900.....	Thiamine Triphosphate
D03.383.742.875.....	Trapidil
D03.383.742.906.....	Trimethoprim
D03.383.742.906.500.....	Trimethoprim, Sulfamethoxazole Drug Combination
D03.383.773.....	Pyrrolidines
D03.383.773.050.....	Anisomycin
D03.383.773.107.....	Bepidil
D03.383.773.165.....	Clemastine
D03.383.773.170.....	3,4-Dichloro-N-methyl-N-(2-(1-pyrrolidinyl)-cyclohexyl)-benzeneacetamide, (trans)-Isomer
D03.383.773.342.....	Glycopyrrolate
D03.383.773.371.....	Imino Furanoses
D03.383.773.400.....	Kainic Acid
D03.383.773.532.....	Lincosamides
D03.383.773.532.500.....	Lincomycin
D03.383.773.532.500.125.....	Clindamycin
D03.383.773.589.....	Nafoxidine
D03.383.773.610.....	Nitromifene
D03.383.773.630.....	N-Nitrosopyrrolidine
D03.383.773.700.....	Pentolinium Tartrate
D03.383.773.728.....	Procyclidine
D03.383.773.812.....	Pyrrolidinones
D03.383.773.812.180.....	Cotinine
D03.383.773.812.226.....	Doxapram
D03.383.773.812.498.....	Oxotremorine
D03.383.773.812.555.....	Piracetam
D03.383.773.812.615.....	Povidone
D03.383.773.812.615.630.....	Povidone-Iodine
D03.383.773.812.718.....	Pyrrolidonecarboxylic Acid
D03.383.773.812.752.....	Raltegravir Potassium
D03.383.773.812.785.....	Rolipram
D03.383.773.812.852.....	Succinimides
D03.383.773.812.852.150.....	Bromosuccinimide
D03.383.773.812.852.333.....	Ethosuximide
D03.383.773.812.900.....	Tenuazonic Acid
D03.383.773.906.....	Tremorine
D03.383.855.....	Thiazines
D03.383.855.150.....	Chlormezanone
D03.383.855.400.....	Nifurtimox
D03.383.855.500.....	Piroxicam

## 2018 MeSH Tree Hierarchy

Tree location
D03.383.855.785.....Thiadiazines
D03.383.855.985.....Xylazine
D03.383.886.....Thiepins
D03.383.886.702.....Thiazepines
D03.383.903.....Thiophenes
D03.383.903.075.....Canagliflozin
D03.383.903.150.....Carticaine
D03.383.903.260.....Duloxetine Hydrochloride
D03.383.903.315.....Prasugrel Hydrochloride
D03.383.903.370.....Ketotifen
D03.383.903.440.....Morantel
D03.383.903.580.....Pizotyline
D03.383.903.634.....Pyrantel
D03.383.903.634.600.....Pyrantel Pamoate
D03.383.903.634.670.....Pyrantel Tartrate
D03.383.903.727.....Rivaroxaban
D03.383.903.820.....Thenoyltrifluoroacetone
D03.383.903.830.....Thienopyridines
D03.383.903.830.500.....Ticlopidine
D03.383.903.840.....Ticrynafen
D03.383.903.850.....Tiletamine
D03.383.931.....Triazines
D03.383.931.095.....Almitrine
D03.383.931.135.....Altretamine
D03.383.931.190.....Apazone
D03.383.931.247.....Atrazine
D03.383.931.320.....Ferozine
D03.383.931.640.....Oxonic Acid
D03.383.931.674.....Prometryne
D03.383.931.819.....Simazine
D03.383.931.915.....Triethylenemelamine
D03.605.....Heterocyclic Compounds, Bridged-Ring
D03.605.084.....Bridged Bicyclo Compounds, Heterocyclic
D03.605.084.500.....Azabicyclo Compounds
D03.605.084.500.332.....Biperiden
D03.605.084.500.444.....Granisetron
D03.605.084.500.722.....Tropanes
D03.605.084.500.722.229.....Atropine Derivatives
D03.605.084.500.722.229.199.....Atropine
D03.605.084.500.722.229.199.500.....Hyoscyamine
D03.605.084.500.722.229.400.....Ipratropium

## 2018 MeSH Tree Hierarchy

Tree location
D03.605.084.500.722.229.400.500.....Albuterol, Ipratropium Drug Combination
D03.605.084.500.722.270.....Benztropine
D03.605.084.500.722.388.....Cocaine
D03.605.084.500.722.388.250.....Crack Cocaine
D03.605.084.500.722.744.....Nortropanes
D03.605.084.500.722.822.....Scopolamine Derivatives
D03.605.084.500.722.822.200.....Butylscopolammonium Bromide
D03.605.084.500.722.822.550.....N-Methylscopolamine
D03.605.084.500.722.822.775.....Scopolamine Hydrobromide
D03.605.084.500.722.822.887.....Tiotropium Bromide
D03.605.168.....Cyclazocine
D03.605.168.350.....Ethylketocyclazocine
D03.605.497.....Morphinans
D03.605.497.150.....Buprenorphine
D03.605.497.150.500.....Buprenorphine, Naloxone Drug Combination
D03.605.497.165.....Butorphanol
D03.605.497.212.....Dextromethorphan
D03.605.497.260.....Dextrophan
D03.605.497.280.....Diprenorphine
D03.605.497.320.....Etorphine
D03.605.497.429.....Levallorphan
D03.605.497.485.....Levorphanol
D03.605.497.607.....Morphine Derivatives
D03.605.497.607.204.....Codeine
D03.605.497.607.204.540.....Hydrocodone
D03.605.497.607.204.650.....Oxycodone
D03.605.497.607.420.....Dihydromorphine
D03.605.497.607.460.....Ethylmorphine
D03.605.497.607.490.....Heroin
D03.605.497.607.500.....Hydromorphone
D03.605.497.607.587.....Morphine
D03.605.497.607.675.....Oxymorphone
D03.605.497.607.851.....Thebaine
D03.605.497.639.....Nalbuphine
D03.605.497.694.....Nalorphine
D03.605.497.750.....Naloxone
D03.605.497.750.275.....Buprenorphine, Naloxone Drug Combination
D03.605.497.750.550.....Naltrexone
D03.605.687.....Quinuclidines
D03.605.687.637.....Quinidine
D03.605.687.762.....Quinine

## 2018 MeSH Tree Hierarchy

Tree location
D03.605.687.800.....Quinuclidinyl Benzilate
D03.605.687.900.....Solifenacin Succinate
D03.605.869.....Tropanes
D03.605.869.229.....Atropine Derivatives
D03.605.869.229.199.....Atropine
D03.605.869.229.199.500.....Hyoscyamine
D03.605.869.229.400.....Ipratropium
D03.605.869.229.400.500.....Albuterol, Ipratropium Drug Combination
D03.605.869.270.....Benztropine
D03.605.869.388.....Cocaine
D03.605.869.388.250.....Crack Cocaine
D03.605.869.744.....Nortropanes
D03.605.869.822.....Scopolamine Derivatives
D03.605.869.822.200.....Butylscopolammonium Bromide
D03.605.869.822.550.....N-Methylscopolamine
D03.605.869.822.775.....Scopolamine Hydrobromide
D03.605.869.822.887.....Tiotropium Bromide
D03.633.....Heterocyclic Compounds, Fused-Ring
D03.633.100.....Heterocyclic Compounds, 2-Ring
D03.633.100.079.....Benzazepines
D03.633.100.079.080.....Benzodiazepines
D03.633.100.079.080.030.....Alprazolam
D03.633.100.079.080.070.....Benzodiazepinones
D03.633.100.079.080.070.050.....Anthramycin
D03.633.100.079.080.070.110.....Bromazepam
D03.633.100.079.080.070.150.....Clonazepam
D03.633.100.079.080.070.200.....Devazepide
D03.633.100.079.080.070.216.....Diazepam
D03.633.100.079.080.070.216.500.....Nordazepam
D03.633.100.079.080.070.305.....Flumazenil
D03.633.100.079.080.070.320.....Flunitrazepam
D03.633.100.079.080.070.348.....Flurazepam
D03.633.100.079.080.070.450.....Lorazepam
D03.633.100.079.080.070.565.....Nitrazepam
D03.633.100.079.080.070.663.....Oxazepam
D03.633.100.079.080.070.750.....Pirenzepine
D03.633.100.079.080.070.784.....Prazepam
D03.633.100.079.080.070.880.....Temazepam
D03.633.100.079.080.150.....Chlordiazepoxide
D03.633.100.079.080.180.....Clorazepate Dipotassium
D03.633.100.079.080.250.....Estazolam



## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.079.080.550.....Medazepam
D03.633.100.079.080.575.....Midazolam
D03.633.100.079.080.900.....Triazolam
D03.633.100.079.150.....Diltiazem
D03.633.100.079.300.....Fenoldopam
D03.633.100.079.525.....Galantamine
D03.633.100.079.533.....Harringtonines
D03.633.100.079.800.....2,3,4,5-Tetrahydro-7,8-dihydroxy-1-phenyl-1H-3-benzazepine
D03.633.100.079.900.....Varenicline
D03.633.100.103.....Benzimidazoles
D03.633.100.103.034.....2-Pyridinylmethylsulfanylbenzimidazoles
D03.633.100.103.034.249.....Lansoprazole
D03.633.100.103.034.249.500.....Dexlansoprazole
D03.633.100.103.034.500.....Omeprazole
D03.633.100.103.034.500.500.....Esomeprazole
D03.633.100.103.034.750.....Rabeprazole
D03.633.100.103.070.....Albendazole
D03.633.100.103.105.....Astemizole
D03.633.100.103.123.....Bendamustine Hydrochloride
D03.633.100.103.140.....Benomyl
D03.633.100.103.145.....Bisbenzimidazole
D03.633.100.103.190.....Cambendazole
D03.633.100.103.280.....Dabigatran
D03.633.100.103.370.....Domperidone
D03.633.100.103.393.....Droperidol
D03.633.100.103.450.....Fenbendazole
D03.633.100.103.600.....Mebendazole
D03.633.100.103.618.....Mibefradil
D03.633.100.103.637.....Nocodazole
D03.633.100.103.732.....Pimozide
D03.633.100.103.850.....Thiabendazole
D03.633.100.115.....Benzodioxoles
D03.633.100.115.600.....Piperonyl Butoxide
D03.633.100.115.750.....Safrole
D03.633.100.127.....Benzofurans
D03.633.100.127.075.....Amiodarone
D03.633.100.127.110.....Benzbromarone
D03.633.100.127.125.....Cantharidin
D03.633.100.127.187.....Citalopram
D03.633.100.127.218.....Fluorescamine
D03.633.100.127.250.....Fura-2

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.127.275.....Griseofulvin
D03.633.100.127.637.....Pterocarpan
D03.633.100.127.818.....Vilazodone Hydrochloride
D03.633.100.150.....Benzopyrans
D03.633.100.150.119.....Aflatoxins
D03.633.100.150.119.075.....Aflatoxin B1
D03.633.100.150.119.100.....Aflatoxin M1
D03.633.100.150.240.....Chromans
D03.633.100.150.240.190.....Catechin
D03.633.100.150.240.225.....Centchroman
D03.633.100.150.266.....Chromones
D03.633.100.150.266.300.....Cromolyn Sodium
D03.633.100.150.266.450.....Flavonoids
D03.633.100.150.266.450.087.....Anthocyanins
D03.633.100.150.266.450.175.....Benzoflavones
D03.633.100.150.266.450.175.100.....beta-Naphthoflavone
D03.633.100.150.266.450.190.....Biflavonoids
D03.633.100.150.266.450.206.....Catechin
D03.633.100.150.266.450.221.....Chalcones
D03.633.100.150.266.450.221.500.....Chalcone
D03.633.100.150.266.450.252.....Flavanones
D03.633.100.150.266.450.252.500.....Hesperidin
D03.633.100.150.266.450.260.....Flavones
D03.633.100.150.266.450.260.110.....Apigenin
D03.633.100.150.266.450.260.222.....Diosmin
D03.633.100.150.266.450.260.444.....Flavoxate
D03.633.100.150.266.450.260.555.....Luteolin
D03.633.100.150.266.450.260.777.....Polyphenols
D03.633.100.150.266.450.268.....Flavonolignans
D03.633.100.150.266.450.268.777.....Silymarin
D03.633.100.150.266.450.284.....Flavonols
D03.633.100.150.266.450.284.388.....Kaempferols
D03.633.100.150.266.450.284.777.....Quercetin
D03.633.100.150.266.450.284.888.....Rutin
D03.633.100.150.266.450.284.888.500.....Hydroxyethylrutoside
D03.633.100.150.266.450.400.....Isoflavones
D03.633.100.150.266.450.400.187.....Coumestrol
D03.633.100.150.266.450.400.281.....Equol
D03.633.100.150.266.450.400.375.....Genistein
D03.633.100.150.266.450.400.687.....Pterocarpan
D03.633.100.150.266.450.400.843.....Rotenone

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.150.266.450.700.....Proanthocyanidins
D03.633.100.150.320.....Citrinin
D03.633.100.150.446.....Coumarins
D03.633.100.150.446.139.....Aminocoumarins
D03.633.100.150.446.139.500.....Novobiocin
D03.633.100.150.446.280.....Chromonar
D03.633.100.150.446.350.....Coumestrol
D03.633.100.150.446.400.....Esculin
D03.633.100.150.446.520.....4-Hydroxycoumarins
D03.633.100.150.446.520.079.....Acenocoumarol
D03.633.100.150.446.520.203.....Dicumarol
D03.633.100.150.446.520.451.....Ethyl Biscoumacetate
D03.633.100.150.446.520.750.....Phenprocoumon
D03.633.100.150.446.520.914.....Warfarin
D03.633.100.150.446.598.....Isocoumarins
D03.633.100.150.446.598.500.....Ochratoxins
D03.633.100.150.446.794.....Furocoumarins
D03.633.100.150.446.794.200.....Ficusin
D03.633.100.150.446.794.300.....Khellin
D03.633.100.150.446.794.500.....Methoxsalen
D03.633.100.150.446.794.875.....Trioxsalen
D03.633.100.150.446.853.....Pyranocoumarins
D03.633.100.150.446.912.....Umbelliferones
D03.633.100.150.446.912.326.....Coumaphos
D03.633.100.150.446.912.531.....Hymecromone
D03.633.100.150.446.912.850.....Scopoletin
D03.633.100.150.455.....Cromakalim
D03.633.100.150.500.....Ellagic Acid
D03.633.100.150.600.....Hematoxylin
D03.633.100.150.755.....Nebivolol
D03.633.100.150.909.....Vitamin E
D03.633.100.150.909.750.....Tocopherols
D03.633.100.150.909.750.249.....alpha-Tocopherol
D03.633.100.150.909.750.374.....beta-Tocopherol
D03.633.100.150.909.750.500.....gamma-Tocopherol
D03.633.100.150.909.875.....Tocotrienols
D03.633.100.174.....Benzothiadiazines
D03.633.100.174.138.....Bendroflumethiazide
D03.633.100.174.261.....Chlorothiazide
D03.633.100.174.261.476.....Hydrochlorothiazide
D03.633.100.174.261.476.716.....Trichlormethiazide

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.174.285.....Cyclopenthiamide
D03.633.100.174.300.....Diazoxide
D03.633.100.174.475.....Hydroflumethiazide
D03.633.100.174.620.....Methyclothiazide
D03.633.100.174.781.....Polythiazide
D03.633.100.185.....Benzothiazoles
D03.633.100.185.222.....Dithiazanine
D03.633.100.185.416.....Ethoxzolamide
D03.633.100.185.611.....Riluzole
D03.633.100.185.708.....Saccharin
D03.633.100.197.....Benzothiepins
D03.633.100.197.408.....Endosulfan
D03.633.100.209.....Benzoxazines
D03.633.100.221.....Benzoxazoles
D03.633.100.221.173.....Calcimycin
D03.633.100.221.346.....Chlorzoxazone
D03.633.100.221.370.....Cialit
D03.633.100.221.950.....Zoxazolamine
D03.633.100.245.....Benzoxepins
D03.633.100.300.....beta-Lactams
D03.633.100.300.124.....Carbapenems
D03.633.100.300.124.300.....Thienamycins
D03.633.100.300.124.300.500.....Imipenem
D03.633.100.300.249.....Cephalosporins
D03.633.100.300.249.150.....Cefamandole
D03.633.100.300.249.150.160.....Cefoperazone
D03.633.100.300.249.160.....Cefazolin
D03.633.100.300.249.177.....Cefonicid
D03.633.100.300.249.185.....Cefsulodin
D03.633.100.300.249.190.....Cephacetrile
D03.633.100.300.249.190.190.....Cefotaxime
D03.633.100.300.249.190.190.115.....Cefixime
D03.633.100.300.249.190.190.125.....Cefmenoxime
D03.633.100.300.249.190.190.135.....Cefotiam
D03.633.100.300.249.190.190.145.....Ceftizoxime
D03.633.100.300.249.190.190.155.....Ceftriaxone
D03.633.100.300.249.190.190.165.....Cefuroxime
D03.633.100.300.249.190.210.....Cephalothin
D03.633.100.300.249.190.230.....Cephapirin
D03.633.100.300.249.200.....Cephalexin
D03.633.100.300.249.200.155.....Cefaclor

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.300.249.200.165.....Cefadroxil
D03.633.100.300.249.200.165.125.....Cefatrizine
D03.633.100.300.249.200.180.....Cephaloglycin
D03.633.100.300.249.200.185.....Cephradine
D03.633.100.300.249.210.....Cephaloridine
D03.633.100.300.249.210.150.....Ceftazidime
D03.633.100.300.249.250.....Cephamycins
D03.633.100.300.249.250.177.....Cefmetazole
D03.633.100.300.249.250.199.....Cefotetan
D03.633.100.300.249.250.222.....Cefoxitin
D03.633.100.300.374.....Clavulanic Acids
D03.633.100.300.374.160.....Clavulanic Acid
D03.633.100.300.374.160.060.....Amoxicillin-Potassium Clavulanate Combination
D03.633.100.300.500.....Monobactams
D03.633.100.300.500.044.....Aztreonam
D03.633.100.300.625.....Moxalactam
D03.633.100.300.750.....Penicillins
D03.633.100.300.750.124.....Amdinocillin
D03.633.100.300.750.124.036.....Amdinocillin Pivoxil
D03.633.100.300.750.249.....Cyclacillin
D03.633.100.300.750.500.....Methicillin
D03.633.100.300.750.562.....Nafcillin
D03.633.100.300.750.625.....Oxacillin
D03.633.100.300.750.625.150.....Cloxacillin
D03.633.100.300.750.625.150.205.....Dicloxacillin
D03.633.100.300.750.625.150.250.....Floxacillin
D03.633.100.300.750.687.....Penicillanic Acid
D03.633.100.300.750.750.....Penicillin G
D03.633.100.300.750.750.050.....Ampicillin
D03.633.100.300.750.750.050.050.....Amoxicillin
D03.633.100.300.750.750.050.050.500.....Amoxicillin-Potassium Clavulanate Combination
D03.633.100.300.750.750.050.075.....Azlocillin
D03.633.100.300.750.750.050.500.....Mezlocillin
D03.633.100.300.750.750.050.650.....Piperacillin
D03.633.100.300.750.750.050.700.....Pivampicillin
D03.633.100.300.750.750.050.900.....Talampicillin
D03.633.100.300.750.750.170.....Carbenicillin
D03.633.100.300.750.750.170.200.....Carfecillin
D03.633.100.300.750.750.685.....Penicillin G Benzathine
D03.633.100.300.750.750.695.....Penicillin G Procaine
D03.633.100.300.750.750.875.....Sulbenicillin

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.300.750.781.....Penicillin V
D03.633.100.300.750.812.....Sulbactam
D03.633.100.300.750.875.....Ticarcillin
D03.633.100.355.....Idazoxan
D03.633.100.449.....Indazoles
D03.633.100.449.130.....Benzydamine
D03.633.100.449.350.....Granisetron
D03.633.100.473.....Indoles
D03.633.100.473.025.....Adrenochrome
D03.633.100.473.050.....Alcian Blue
D03.633.100.473.144.....Carbazoles
D03.633.100.473.144.249.....Ellipticines
D03.633.100.473.144.500.....Ondansetron
D03.633.100.473.144.750.....Staurosporine
D03.633.100.473.155.....Carbolines
D03.633.100.473.155.500.....Tadalafil
D03.633.100.473.231.....Cytochalasins
D03.633.100.473.231.370.....Cytochalasin B
D03.633.100.473.231.450.....Cytochalasin D
D03.633.100.473.250.....Delavirdine
D03.633.100.473.360.....Gliotoxin
D03.633.100.473.385.....Hydroxytryptophol
D03.633.100.473.390.....Ibogaine
D03.633.100.473.391.....Indapamide
D03.633.100.473.393.....Indican
D03.633.100.473.396.....Indigo Carmine
D03.633.100.473.400.....Indocyanine Green
D03.633.100.473.402.....Indole Alkaloids
D03.633.100.473.402.444.....Harmaline
D03.633.100.473.402.477.....Harmine
D03.633.100.473.402.511.....Lyngbya Toxins
D03.633.100.473.402.545.....Physostigmine
D03.633.100.473.402.613.....Psilocybin
D03.633.100.473.402.681.....Secologanin Tryptamine Alkaloids
D03.633.100.473.402.681.077.....Ajmaline
D03.633.100.473.402.681.077.324.....Lorajmine
D03.633.100.473.402.681.077.650.....Prajmaline
D03.633.100.473.402.681.333.....Ellipticines
D03.633.100.473.402.681.444.....Ibogaine
D03.633.100.473.402.681.722.....Strychnine
D03.633.100.473.402.681.827.....Vinca Alkaloids

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.473.402.681.827.650.....Vinblastine
D03.633.100.473.402.681.827.750.....Vincamine
D03.633.100.473.402.681.827.817.....Vincristine
D03.633.100.473.402.681.827.830.....Vindesine
D03.633.100.473.402.681.933.....Yohimbine
D03.633.100.473.402.681.933.500.....Reserpine
D03.633.100.473.402.750.....Staurosporine
D03.633.100.473.404.....Indoleacetic Acids
D03.633.100.473.404.200.....Etodolac
D03.633.100.473.404.478.....Hydroxyindoleacetic Acid
D03.633.100.473.412.....Indolequinones
D03.633.100.473.412.249.....Mitomycins
D03.633.100.473.412.249.350.....Mitomycin
D03.633.100.473.412.249.700.....Porfiromycin
D03.633.100.473.412.500.....Pyrroloiminoquinones
D03.633.100.473.420.....Indomethacin
D03.633.100.473.420.485.....Ketorolac
D03.633.100.473.420.742.....Ketorolac Tromethamine
D03.633.100.473.432.....Indoramin
D03.633.100.473.469.....Iprindole
D03.633.100.473.525.....Isatin
D03.633.100.473.615.....Methisazone
D03.633.100.473.629.....Molindone
D03.633.100.473.725.....Oxyphenisatin Acetate
D03.633.100.473.766.....Perindopril
D03.633.100.473.808.....Skatole
D03.633.100.473.840.....Sporidesmins
D03.633.100.473.914.....Tryptamines
D03.633.100.473.914.201.....Dihydroxytryptamines
D03.633.100.473.914.201.259.....5,6-Dihydroxytryptamine
D03.633.100.473.914.201.263.....5,7-Dihydroxytryptamine
D03.633.100.473.914.237.....N,N-Dimethyltryptamine
D03.633.100.473.914.237.150.....Bufotenin
D03.633.100.473.914.237.150.500.....Methoxydimethyltryptamines
D03.633.100.473.914.481.....Melatonin
D03.633.100.473.914.700.....Psilocybin
D03.633.100.473.914.814.....Serotonin
D03.633.100.473.914.814.150.....Bufotenin
D03.633.100.473.914.814.150.500.....Methoxydimethyltryptamines
D03.633.100.473.914.814.400.....5-Methoxytryptamine
D03.633.100.473.914.907.....Sumatriptan

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.473.957.....Vilazodone Hydrochloride
D03.633.100.496.....Indolizines
D03.633.100.496.500.....Indolizidines
D03.633.100.513.....Isoindoles
D03.633.100.513.124.....Captan
D03.633.100.513.249.....Chlorisondamine
D03.633.100.513.374.....Indoprofen
D03.633.100.513.437.....Lurasidone Hydrochloride
D03.633.100.513.500.....Mazindol
D03.633.100.513.750.....Phthalimides
D03.633.100.513.750.500.....Chlorthalidone
D03.633.100.513.750.625.....Phosmet
D03.633.100.513.750.750.....Thalidomide
D03.633.100.531.....Isoquinolines
D03.633.100.531.085.....Benzylisoquinolines
D03.633.100.531.085.030.....Aporphines
D03.633.100.531.085.030.290.....Apomorphine
D03.633.100.531.085.061.....Atracurium
D03.633.100.531.085.077.....Bicuculline
D03.633.100.531.085.666.....Papaverine
D03.633.100.531.085.666.850.....Tetrahydropapaveroline
D03.633.100.531.085.777.....Toxiferine
D03.633.100.531.085.777.050.....Alcuronium
D03.633.100.531.085.888.....Tretoquinol
D03.633.100.531.085.944.....Tubocurarine
D03.633.100.531.205.....Debrisoquin
D03.633.100.531.321.....Emetine
D03.633.100.531.400.....1-(5-Isoquinolinesulfonyl)-2-Methylpiperazine
D03.633.100.531.460.....Naphthalimides
D03.633.100.531.520.....Nelfinavir
D03.633.100.531.535.....Nomifensine
D03.633.100.531.567.....Noscapine
D03.633.100.531.690.....Praziquantel
D03.633.100.531.770.....Saquinavir
D03.633.100.531.820.....Tetrahydroisoquinolines
D03.633.100.531.820.500.....Salsoline Alkaloids
D03.633.100.531.820.594.....Solifenacin Succinate
D03.633.100.531.820.687.....Toxiferine
D03.633.100.531.820.687.050.....Alcuronium
D03.633.100.531.820.875.....Tubocurarine
D03.633.100.612.....Naphthyridines



## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.612.500.....Nalidixic Acid
D03.633.100.673.....Piperoxan
D03.633.100.733.....Pteridines
D03.633.100.733.315.....Flavins
D03.633.100.733.315.650.....Riboflavin
D03.633.100.733.315.650.249.....Flavin-Adenine Dinucleotide
D03.633.100.733.315.650.500.....Flavin Mononucleotide
D03.633.100.733.631.....Pterins
D03.633.100.733.631.192.....Aminopterin
D03.633.100.733.631.192.500.....Methotrexate
D03.633.100.733.631.202.....Biopterin
D03.633.100.733.631.202.500.....Neopterin
D03.633.100.733.631.400.....Folic Acid
D03.633.100.733.631.400.600.....Pteroylpolyglutamic Acids
D03.633.100.733.631.400.800.....Tetrahydrofolates
D03.633.100.733.631.400.800.350.....Formyltetrahydrofolates
D03.633.100.733.631.400.800.350.450.....Leucovorin
D03.633.100.733.631.400.800.350.450.500.....Levoleucovorin
D03.633.100.733.631.825.....Xanthopterin
D03.633.100.733.900.....Triamterene
D03.633.100.759.....Purines
D03.633.100.759.138.....Adenine
D03.633.100.759.138.050.....2-Aminopurine
D03.633.100.759.138.525.....Cytokinins
D03.633.100.759.138.525.350.....Isopentenyladenosine
D03.633.100.759.138.525.400.....Kinetin
D03.633.100.759.138.525.700.....Zeatin
D03.633.100.759.138.881.....Tenofovir
D03.633.100.759.138.881.125.....Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.633.100.759.138.881.250.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.633.100.759.138.881.500.....Emtricitabine, Rilpivirine, Tenofovir Drug Combination
D03.633.100.759.138.881.750.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D03.633.100.759.160.....Allopurinol
D03.633.100.759.534.....Mercaptopurine
D03.633.100.759.534.090.....Azathioprine
D03.633.100.759.562.....Linagliptin
D03.633.100.759.590.....Purine Nucleosides
D03.633.100.759.590.138.....Adenosine
D03.633.100.759.590.138.025.....Adenosine-5'-(N-ethylcarboxamide)
D03.633.100.759.590.138.240.....S-Adenosylhomocysteine
D03.633.100.759.590.138.264.....S-Adenosylmethionine

## 2018 MeSH Tree Hierarchy

Tree location	
D03.633.100.759.590.138.300.....	2-Chloroadenosine
D03.633.100.759.590.138.300.200.....	Cladribine
D03.633.100.759.590.138.325.....	Deoxyadenosines
D03.633.100.759.590.138.325.075.....	Cladribine
D03.633.100.759.590.138.325.105.....	Dideoxyadenosine
D03.633.100.759.590.138.325.800.....	Puromycin Aminonucleoside
D03.633.100.759.590.138.500.....	Isopentenyladenosine
D03.633.100.759.590.138.630.....	Phenylisopropyladenosine
D03.633.100.759.590.138.711.....	Puromycin
D03.633.100.759.590.138.711.650.....	Puromycin Aminonucleoside
D03.633.100.759.590.138.900.....	Vidarabine
D03.633.100.759.590.454.....	Guanosine
D03.633.100.759.590.454.240.....	Deoxyguanosine
D03.633.100.759.590.454.500.....	Nucleoside Q
D03.633.100.759.590.616.....	Inosine
D03.633.100.759.590.616.130.....	Didanosine
D03.633.100.759.590.616.450.....	Inosine Pranobex
D03.633.100.759.590.616.900.....	Thioinosine
D03.633.100.759.590.616.900.500.....	Methylthioinosine
D03.633.100.759.590.910.....	Tubercidin
D03.633.100.759.646.....	Purine Nucleotides
D03.633.100.759.646.138.....	Adenine Nucleotides
D03.633.100.759.646.138.124.....	Adenosine Diphosphate
D03.633.100.759.646.138.124.070.....	Adenosine Diphosphate Sugars
D03.633.100.759.646.138.124.070.075.....	Adenosine Diphosphate Glucose
D03.633.100.759.646.138.124.070.125.....	Adenosine Diphosphate Ribose
D03.633.100.759.646.138.124.070.125.040.....	O-Acetyl-ADP-Ribose
D03.633.100.759.646.138.124.070.125.195.....	Cyclic ADP-Ribose
D03.633.100.759.646.138.180.....	Adenosine Monophosphate
D03.633.100.759.646.138.180.080.....	Adenosine Phosphosulfate
D03.633.100.759.646.138.236.....	Adenosine Triphosphate
D03.633.100.759.646.138.236.050.....	Adenylyl Imidodiphosphate
D03.633.100.759.646.138.236.250.....	Ethnoadenosine Triphosphate
D03.633.100.759.646.138.382.....	Coenzyme A
D03.633.100.759.646.138.382.300.....	Acyl Coenzyme A
D03.633.100.759.646.138.382.300.020.....	Acetyl Coenzyme A
D03.633.100.759.646.138.382.300.500.....	Malonyl Coenzyme A
D03.633.100.759.646.138.382.300.700.....	Palmitoyl Coenzyme A
D03.633.100.759.646.138.395.....	Cyclic AMP
D03.633.100.759.646.138.395.225.....	8-Bromo Cyclic Adenosine Monophosphate
D03.633.100.759.646.138.395.250.....	Bucladesine

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.759.646.138.410.....Deoxyadenine Nucleotides
D03.633.100.759.646.138.506.....Flavin-Adenine Dinucleotide
D03.633.100.759.646.138.694.....NAD
D03.633.100.759.646.138.749.....NADP
D03.633.100.759.646.138.850.....Phosphoadenosine Phosphosulfate
D03.633.100.759.646.138.925.....Vidarabine Phosphate
D03.633.100.759.646.454.....Guanine Nucleotides
D03.633.100.759.646.454.160.....Cyclic GMP
D03.633.100.759.646.454.160.325.....Dibutyryl Cyclic GMP
D03.633.100.759.646.454.200.....Deoxyguanine Nucleotides
D03.633.100.759.646.454.340.....Guanosine Diphosphate
D03.633.100.759.646.454.340.350.....Guanosine Diphosphate Sugars
D03.633.100.759.646.454.340.350.400.....Guanosine Diphosphate Fucose
D03.633.100.759.646.454.340.350.500.....Guanosine Diphosphate Mannose
D03.633.100.759.646.454.440.....Guanosine Pentaphosphate
D03.633.100.759.646.454.480.....Guanosine Tetraphosphate
D03.633.100.759.646.454.504.....Guanosine Triphosphate
D03.633.100.759.646.454.504.400.....Guanylyl Imidodiphosphate
D03.633.100.759.646.454.525.....Guanosine Monophosphate
D03.633.100.759.646.454.700.....RNA Caps
D03.633.100.759.646.454.700.710.....RNA Cap Analogs
D03.633.100.759.646.616.....Inosine Nucleotides
D03.633.100.759.646.616.300.....Cyclic IMP
D03.633.100.759.646.616.400.....Inosine Diphosphate
D03.633.100.759.646.616.500.....Inosine Monophosphate
D03.633.100.759.646.616.800.....Inosine Triphosphate
D03.633.100.759.758.....Purinones
D03.633.100.759.758.399.....Hypoxanthines
D03.633.100.759.758.399.454.....Guanine
D03.633.100.759.758.399.454.250.....Acyclovir
D03.633.100.759.758.399.454.250.300.....Ganciclovir
D03.633.100.759.758.399.454.300.....Azaguanine
D03.633.100.759.758.399.454.650.....Pemetrexed
D03.633.100.759.758.399.475.....Hypoxanthine
D03.633.100.759.758.824.....Xanthines
D03.633.100.759.758.824.175.....Caffeine
D03.633.100.759.758.824.651.....Theobromine
D03.633.100.759.758.824.651.700.....Pentoxifylline
D03.633.100.759.758.824.751.....Theophylline
D03.633.100.759.758.824.751.075.....Aminophylline
D03.633.100.759.758.824.751.162.....Dimenhydrinate

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.759.758.824.751.250.....Dyphylline
D03.633.100.759.758.824.751.500.....1-Methyl-3-isobutylxanthine
D03.633.100.759.758.824.751.950.....Xanthinol Niacinate
D03.633.100.759.758.824.877.....Uric Acid
D03.633.100.759.758.824.938.....Xanthine
D03.633.100.759.794.....Saxitoxin
D03.633.100.759.824.....Sildenafil Citrate
D03.633.100.759.854.....Thioguanine
D03.633.100.772.....Pyrrolizidine Alkaloids
D03.633.100.772.500.....Monocrotaline
D03.633.100.786.....Quinazolines
D03.633.100.786.375.....Erlotinib Hydrochloride
D03.633.100.786.563.....Linagliptin
D03.633.100.786.750.....Prazosin
D03.633.100.786.750.200.....Doxazosin
D03.633.100.786.830.....Quinazolinones
D03.633.100.786.830.333.....Ketanserin
D03.633.100.786.830.666.....Methaqualone
D03.633.100.786.830.688.....Metolazone
D03.633.100.786.910.....Tetrodotoxin
D03.633.100.786.925.....Trimetrexate
D03.633.100.810.....Quinolines
D03.633.100.810.050.....Aminoquinolines
D03.633.100.810.050.060.....Amodiaquine
D03.633.100.810.050.180.....Chloroquine
D03.633.100.810.050.180.350.....Hydroxychloroquine
D03.633.100.810.050.440.....4-Hydroxyaminoquinoline-1-oxide
D03.633.100.810.050.650.....Primaquine
D03.633.100.810.087.....Diarylquinolines
D03.633.100.810.125.....Dibucaine
D03.633.100.810.200.....Ethoxyquin
D03.633.100.810.350.....Hydroxyquinolines
D03.633.100.810.350.250.....Decoquinatate
D03.633.100.810.350.400.....Kynurenic Acid
D03.633.100.810.350.600.....Oxamniquine
D03.633.100.810.350.625.....Oxyquinoline
D03.633.100.810.350.625.250.....Chloroquinolinols
D03.633.100.810.350.625.250.260.....Chlorquinaldol
D03.633.100.810.350.625.400.....Clioquinol
D03.633.100.810.350.625.420.....Iodoquinol
D03.633.100.810.350.700.....Procaterol

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.810.410.....Mefloquine
D03.633.100.810.470.....Nitroquinolines
D03.633.100.810.470.450.....4-Nitroquinoline-1-oxide
D03.633.100.810.470.600.....Oxamniquine
D03.633.100.810.553.....Pyrroloiminoquinones
D03.633.100.810.637.....Quinaldines
D03.633.100.810.699.....Quinidine
D03.633.100.810.762.....Quinine
D03.633.100.810.824.....Quinolinium Compounds
D03.633.100.810.824.200.....Dequalinium
D03.633.100.810.824.700.....Pyrvinium Compounds
D03.633.100.810.835.....Quinolones
D03.633.100.810.835.055.....4-Quinolones
D03.633.100.810.835.055.500.....Nalidixic Acid
D03.633.100.810.835.055.550.....Nedocromil
D03.633.100.810.835.055.580.....Oxolinic Acid
D03.633.100.810.835.122.....Aripiprazole
D03.633.100.810.835.188.....Carteolol
D03.633.100.810.835.322.....Fluoroquinolones
D03.633.100.810.835.322.186.....Ciprofloxacin
D03.633.100.810.835.322.186.400.....Fleroxacin
D03.633.100.810.835.322.280.....Enoxacin
D03.633.100.810.835.322.374.....Norfloxacin
D03.633.100.810.835.322.500.....Ofloxacin
D03.633.100.810.835.322.500.500.....Levofloxacin
D03.633.100.810.835.322.750.....Pefloxacin
D03.633.100.810.835.661.....PQQ Cofactor
D03.633.100.810.842.....Quinpirole
D03.633.100.810.850.....Quipazine
D03.633.100.810.900.....Saquinavir
D03.633.100.834.....Quinolizines
D03.633.100.834.700.....2H-Benzo(a)quinolizin-2-ol, 2-Ethyl-1,3,4,6,7,11b-hexahydro-3-isobutyl-9,10-dimethoxy-
D03.633.100.834.737.....Quinolizidines
D03.633.100.834.737.500.....Sparteine
D03.633.100.834.850.....Tetrabenazine
D03.633.100.857.....Quinoxalines
D03.633.100.857.070.....Brimonidine Tartrate
D03.633.100.857.070.500.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D03.633.100.857.140.....Carbadox
D03.633.100.857.160.....6-Cyano-7-nitroquinoxaline-2,3-dione
D03.633.100.857.233.....Echinomycin

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.100.857.885.....Tyrphostins
D03.633.100.857.942.....Varenicline
D03.633.100.893.....Ramipril
D03.633.100.928.....Thienopyridines
D03.633.100.928.500.....Ticlopidine
D03.633.100.964.....Zolazepam
D03.633.300.....Heterocyclic Compounds, 3-Ring
D03.633.300.046.....Acridines
D03.633.300.046.109.....Acridones
D03.633.300.046.109.077.....Acronine
D03.633.300.046.250.....Aminoacridines
D03.633.300.046.250.150.....Acridine Orange
D03.633.300.046.250.177.....Acriflavine
D03.633.300.046.250.200.....Aminacrine
D03.633.300.046.250.225.....Amsacrine
D03.633.300.046.250.450.....Ethacridine
D03.633.300.046.250.650.....Nitracrine
D03.633.300.046.250.720.....Proflavine
D03.633.300.046.250.760.....Quinacrine
D03.633.300.046.250.760.750.....Quinacrine Mustard
D03.633.300.046.250.900.....Tacrine
D03.633.300.060.....Anthramycin
D03.633.300.148.....Carbazoles
D03.633.300.148.249.....Ellipticines
D03.633.300.148.500.....Ondansetron
D03.633.300.148.750.....Staurosporine
D03.633.300.154.....Carbolines
D03.633.300.154.333.....Harmaline
D03.633.300.154.344.....Harmine
D03.633.300.154.672.....Tadalafil
D03.633.300.160.....Cinoxacin
D03.633.300.200.....Dactinomycin
D03.633.300.240.....Dibenzazepines
D03.633.300.240.127.....Carbamazepine
D03.633.300.240.194.....Clomipramine
D03.633.300.240.220.....Clozapine
D03.633.300.240.281.....Desipramine
D03.633.300.240.485.....Imipramine
D03.633.300.240.520.....Lofepramine
D03.633.300.240.550.....Mianserin
D03.633.300.240.625.....Opipramol

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.300.240.918.....Trimipramine
D03.633.300.258.....Dibenzofurans
D03.633.300.258.500.....Dibenzofurans, Polychlorinated
D03.633.300.276.....Dibenzothiazepines
D03.633.300.276.500.....Quetiapine Fumarate
D03.633.300.311.....Dibenzothiepins
D03.633.300.311.250.....Dothiepin
D03.633.300.311.520.....Methiothepin
D03.633.300.347.....Dibenzoxazepines
D03.633.300.347.200.....Dibenz(b,f)(1,4)oxazepine-10(11H)-carboxylic acid, 8-chloro-, 2-acetylhydrazide
D03.633.300.347.500.....Loxapine
D03.633.300.347.500.040.....Amoxapine
D03.633.300.382.....Dibenzoxepins
D03.633.300.382.393.....Doxepin
D03.633.300.382.696.....Olopatadine Hydrochloride
D03.633.300.507.....Flavins
D03.633.300.507.650.....Riboflavin
D03.633.300.507.650.249.....Flavin-Adenine Dinucleotide
D03.633.300.507.650.500.....Flavin Mononucleotide
D03.633.300.633.....Phenanthridines
D03.633.300.633.207.....Benzophenanthridines
D03.633.300.633.416.....Ethidium
D03.633.300.633.700.....Propidium
D03.633.300.669.....Phenanthrolines
D03.633.300.704.....Phenazines
D03.633.300.704.353.....Clofazimine
D03.633.300.704.550.....Methylphenazonium Methosulfate
D03.633.300.704.600.....Neutral Red
D03.633.300.704.700.....Pyocyanine
D03.633.300.741.....Phenothiazines
D03.633.300.741.029.....Acepromazine
D03.633.300.741.080.....Azure Stains
D03.633.300.741.198.....Chlorpromazine
D03.633.300.741.326.....Fluphenazine
D03.633.300.741.470.....Mesoridazine
D03.633.300.741.513.....Methotrimeprazine
D03.633.300.741.517.....Methylene Blue
D03.633.300.741.533.....Moricyzine
D03.633.300.741.550.....Nonachlazine
D03.633.300.741.575.....Perazine
D03.633.300.741.593.....Perphenazine

## 2018 MeSH Tree Hierarchy

Tree location	
D03.633.300.741.639.....	Prochlorperazine
D03.633.300.741.661.....	Promazine
D03.633.300.741.670.....	Promethazine
D03.633.300.741.780.....	Thiethylperazine
D03.633.300.741.843.....	Thioridazine
D03.633.300.741.869.....	Tolonium Chloride
D03.633.300.741.898.....	Trifluoperazine
D03.633.300.741.918.....	Triflupromazine
D03.633.300.741.939.....	Trimeprazine
D03.633.300.770.....	Furocoumarins
D03.633.300.770.200.....	Ficuin
D03.633.300.770.300.....	Khellin
D03.633.300.770.500.....	Methoxsalen
D03.633.300.770.875.....	Trioxsalen
D03.633.300.786.....	Polychlorinated Dibenzodioxins
D03.633.300.786.500.....	Agent Orange
D03.633.300.802.....	Quinpirole
D03.633.300.819.....	Simeprevir
D03.633.300.835.....	Spectinomycin
D03.633.300.953.....	Xanthenes
D03.633.300.953.275.....	Fluoresceins
D03.633.300.953.275.300.....	Eosine I Bluish
D03.633.300.953.275.325.....	Eosine Yellowish-(YS)
D03.633.300.953.275.350.....	Erythrosine
D03.633.300.953.275.390.....	Fluorescein
D03.633.300.953.275.400.....	Fluorescein-5-isothiocyanate
D03.633.300.953.275.700.....	Rose Bengal
D03.633.300.953.558.....	Propantheline
D03.633.300.953.570.....	Pyronine
D03.633.300.953.600.....	Rhodamines
D03.633.300.953.600.500.....	Rhodamine 123
D03.633.300.953.704.....	Thioxanthenes
D03.633.300.953.704.250.....	Chlorprothixene
D03.633.300.953.704.269.....	Clopentixol
D03.633.300.953.704.360.....	Flupentixol
D03.633.300.953.704.450.....	Hycanthon
D03.633.300.953.704.500.....	Lucanthon
D03.633.300.953.704.787.....	Thiothixene
D03.633.300.953.852.....	Xanthon
D03.633.300.953.852.388.....	Lucanthon
D03.633.300.953.852.777.....	Sterigmatocystin



## 2018 MeSH Tree Hierarchy

Tree location	
D03.633.400.....	Heterocyclic Compounds, 4 or More Rings
D03.633.400.095.....	Aporphines
D03.633.400.095.290.....	Apomorphine
D03.633.400.131.....	Benzophenanthridines
D03.633.400.168.....	Berberine Alkaloids
D03.633.400.168.100.....	Berberine
D03.633.400.256.....	Cevanes
D03.633.400.256.310.....	Germine Acetates
D03.633.400.256.543.....	Protoveratrines
D03.633.400.256.679.....	Veratridine
D03.633.400.256.815.....	Veratrine
D03.633.400.380.....	Dihydro-beta-Erythroidine
D03.633.400.439.....	Ergolines
D03.633.400.439.131.....	Bromocriptine
D03.633.400.439.262.....	Ergonovine
D03.633.400.439.262.538.....	Methylergonovine
D03.633.400.439.560.....	Lisuride
D03.633.400.439.572.....	Lysergic Acid
D03.633.400.439.572.522.....	Lysergic Acid Diethylamide
D03.633.400.439.630.....	Metergoline
D03.633.400.439.689.....	Methysergide
D03.633.400.439.730.....	Nicergoline
D03.633.400.439.800.....	Pergolide
D03.633.400.562.....	Ergotamines
D03.633.400.562.100.....	Bromocriptine
D03.633.400.562.150.....	Dihydroergocornine
D03.633.400.562.200.....	Dihydroergocristine
D03.633.400.562.250.....	Dihydroergocryptine
D03.633.400.562.300.....	Dihydroergotamine
D03.633.400.562.400.....	Dihydroergotoxine
D03.633.400.562.400.500.....	Ergoloid Mesylates
D03.633.400.562.500.....	Ergotamine
D03.633.400.624.....	Harringtonines
D03.633.400.686.....	Morphinans
D03.633.400.686.150.....	Buprenorphine
D03.633.400.686.150.500.....	Buprenorphine, Naloxone Drug Combination
D03.633.400.686.165.....	Butorphanol
D03.633.400.686.212.....	Dextromethorphan
D03.633.400.686.260.....	Dextrophan
D03.633.400.686.275.....	Diprenorphine
D03.633.400.686.320.....	Etorphine

## 2018 MeSH Tree Hierarchy

Tree location
D03.633.400.686.429.....Levallorphan
D03.633.400.686.485.....Levorphanol
D03.633.400.686.607.....Morphine Derivatives
D03.633.400.686.607.204.....Codeine
D03.633.400.686.607.204.540.....Hydrocodone
D03.633.400.686.607.204.650.....Oxycodone
D03.633.400.686.607.420.....Dihydromorphine
D03.633.400.686.607.460.....Ethylmorphine
D03.633.400.686.607.490.....Heroin
D03.633.400.686.607.500.....Hydromorphone
D03.633.400.686.607.587.....Morphine
D03.633.400.686.607.675.....Oxymorphone
D03.633.400.686.607.851.....Thebaine
D03.633.400.686.639.....Nalbuphine
D03.633.400.686.694.....Nalorphine
D03.633.400.686.750.....Naloxone
D03.633.400.686.750.275.....Buprenorphine, Naloxone Drug Combination
D03.633.400.686.750.550.....Naltrexone
D03.633.400.748.....Pterocarpans
D03.633.400.811.....Rifamycins
D03.633.400.811.650.....Rifabutin
D03.633.400.811.650.700.....Streptovaricin
D03.633.400.811.700.....Rifampin
D03.633.400.825.....Rotenone
D03.633.400.909.....Tetrapyrroles
D03.633.400.909.249.....Bile Pigments
D03.633.400.909.249.184.....Bilirubin
D03.633.400.909.249.184.200.....Biliverdine
D03.633.400.909.249.727.....Urobilin
D03.633.400.909.249.852.....Urobilinogen
D03.633.400.909.374.....Chlorophyll
D03.633.400.909.374.100.....Bacteriochlorophylls
D03.633.400.909.374.180.....Chlorophyllides
D03.633.400.909.374.700.....Pheophytins
D03.633.400.909.374.725.....Protochlorophyllide
D03.633.400.909.437.....Corrinoids
D03.633.400.909.437.777.....Vitamin B 12
D03.633.400.909.437.777.270.....Cobamides
D03.633.400.909.437.777.560.....Hydroxocobalamin
D03.633.400.909.468.....Phycobilins
D03.633.400.909.500.....Porphyrins

## 2018 MeSH Tree Hierarchy

Tree location	
D03.633.400.909.500.250.....	Coproporphyrins
D03.633.400.909.500.280.....	Deuteroporphyrins
D03.633.400.909.500.340.....	Etioporphyrins
D03.633.400.909.500.462.....	Hematoporphyrins
D03.633.400.909.500.462.400.....	Hematoporphyrin Derivative
D03.633.400.909.500.462.400.200.....	Dihematoporphyrin Ether
D03.633.400.909.500.620.....	Mesoporphyrins
D03.633.400.909.500.640.....	Metalloporphyrins
D03.633.400.909.500.640.220.....	Chlorophyll
D03.633.400.909.500.640.220.100.....	Bacteriochlorophylls
D03.633.400.909.500.640.220.180.....	Chlorophyllides
D03.633.400.909.500.640.220.453.....	Pheophytins
D03.633.400.909.500.640.220.725.....	Protochlorophyllide
D03.633.400.909.500.640.587.....	Heme
D03.633.400.909.500.640.587.462.....	Hemin
D03.633.400.909.500.700.....	Porphyrinogens
D03.633.400.909.500.700.250.....	Coproporphyrinogens
D03.633.400.909.500.700.900.....	Uroporphyrinogens
D03.633.400.909.500.725.....	Protoporphyrins
D03.633.400.909.500.880.....	Uroporphyrins
D03.661.....	Heterocyclic Oxides
D03.661.243.....	Cyclic N-Oxides
D03.661.243.320.....	4-Hydroxyaminoquinoline-1-oxide
D03.661.243.500.....	4-Nitroquinoline-1-oxide
D03.661.243.930.....	Triacetoneamine-N-Oxyl
D03.661.368.....	Cyclic P-Oxides
D03.661.493.....	Cyclic S-Oxides
D04.....	Polycyclic Compounds
D04.075.....	Bridged-Ring Compounds
D04.075.080.....	Bridged Bicyclo Compounds
D04.210.....	Fused-Ring Compounds
D04.210.500.....	Steroids
D04.210.500.054.....	Androstanes
D04.210.500.054.040.....	Androstanols
D04.210.500.054.040.080.....	Androstane-3,17-diol
D04.210.500.054.040.129.....	Androsterone
D04.210.500.054.040.248.....	Dihydrotestosterone
D04.210.500.054.040.248.450.....	Mesterolone
D04.210.500.054.040.368.....	Etiocholanolone
D04.210.500.054.040.581.....	Oxandrolone
D04.210.500.054.040.632.....	Oxymetholone

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.054.040.685.....Pancuronium
D04.210.500.054.040.881.....Stanozolol
D04.210.500.054.040.920.....Vecuronium Bromide
D04.210.500.054.079.....Androstenes
D04.210.500.054.079.065.....Abiraterone Acetate
D04.210.500.054.079.129.....Androstadienes
D04.210.500.054.079.129.114.....Fluticasone
D04.210.500.054.079.129.114.500.....Fluticasone-Salmeterol Drug Combination
D04.210.500.054.079.129.284.....Loteprednol Etabonate
D04.210.500.054.079.129.453.....Methandrostenolone
D04.210.500.054.079.129.782.....Testolactone
D04.210.500.054.079.229.....Androstatrienes
D04.210.500.054.079.329.....Androstenedione
D04.210.500.054.079.429.....Androstenols
D04.210.500.054.079.429.154.....Androstenediols
D04.210.500.054.079.429.154.050.....Androstenediol
D04.210.500.054.079.429.154.349.....Fluoxymesterone
D04.210.500.054.079.429.154.600.....Methandriol
D04.210.500.054.079.429.320.....Cyanoketone
D04.210.500.054.079.429.625.....Dehydroepiandrosterone
D04.210.500.054.079.429.625.300.....Dehydroepiandrosterone Sulfate
D04.210.500.054.079.429.824.....Testosterone
D04.210.500.054.079.429.824.275.....Epitestosterone
D04.210.500.054.079.429.824.375.....Hydroxytestosterones
D04.210.500.054.079.429.824.537.....Methenolone
D04.210.500.054.079.429.824.664.....Methyltestosterone
D04.210.500.054.079.429.824.832.....Testosterone Propionate
D04.210.500.054.079.500.....Finasteride
D04.210.500.105.....Bile Acids and Salts
D04.210.500.105.225.....Cholic Acids
D04.210.500.105.225.130.....Cholic Acid
D04.210.500.105.225.130.330.....Cholates
D04.210.500.105.225.130.330.850.....Sodium Cholate
D04.210.500.105.225.261.....Dehydrocholic Acid
D04.210.500.105.225.272.....Deoxycholic Acid
D04.210.500.105.225.272.150.....Chenodeoxycholic Acid
D04.210.500.105.225.272.150.350.....Glycochenodeoxycholic Acid
D04.210.500.105.225.272.150.850.....Taurochenodeoxycholic Acid
D04.210.500.105.225.272.411.....Glycodeoxycholic Acid
D04.210.500.105.225.272.411.360.....Glycochenodeoxycholic Acid
D04.210.500.105.225.272.925.....Taurodeoxycholic Acid

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.105.225.272.925.875.....Taurochenodeoxycholic Acid
D04.210.500.105.225.272.962.....Ursodeoxycholic Acid
D04.210.500.105.225.400.....Glycocholic Acid
D04.210.500.105.225.400.380.....Glycodeoxycholic Acid
D04.210.500.105.225.400.380.360.....Glycochenodeoxycholic Acid
D04.210.500.105.225.480.....Lithocholic Acid
D04.210.500.105.225.480.880.....Taurolithocholic Acid
D04.210.500.105.225.900.....Taurocholic Acid
D04.210.500.105.225.900.900.....Taurodeoxycholic Acid
D04.210.500.105.225.900.900.870.....Taurochenodeoxycholic Acid
D04.210.500.105.225.900.920.....Taurolithocholic Acid
D04.210.500.155.....Cardanolides
D04.210.500.155.580.....Cardiac Glycosides
D04.210.500.155.580.064.....Bufanolides
D04.210.500.155.580.064.580.....Proscillaridin
D04.210.500.155.580.130.....Cardenolides
D04.210.500.155.580.130.500.....Digitalis Glycosides
D04.210.500.155.580.130.500.236.....Digitonin
D04.210.500.155.580.130.500.336.....Digitoxin
D04.210.500.155.580.130.500.336.259.....Acetyldigitoxins
D04.210.500.155.580.130.500.436.....Digoxin
D04.210.500.155.580.130.500.436.050.....Acetyldigoxins
D04.210.500.155.580.130.500.436.500.....Medigoxin
D04.210.500.155.580.130.500.657.....Lanatosides
D04.210.500.155.580.130.500.657.200.....Deslanoside
D04.210.500.155.580.130.625.....Digitoxin
D04.210.500.155.580.130.625.259.....Acetyldigitoxins
D04.210.500.155.580.130.625.350.....Digitoxigenin
D04.210.500.155.580.130.688.....Digoxin
D04.210.500.155.580.130.688.050.....Acetyldigoxins
D04.210.500.155.580.130.688.350.....Digoxigenin
D04.210.500.155.580.130.688.500.....Medigoxin
D04.210.500.155.580.130.750.....Strophanthins
D04.210.500.155.580.130.750.250.....Cymarine
D04.210.500.155.580.130.750.600.....Ouabain
D04.210.500.155.580.130.750.800.....Strophanthidin
D04.210.500.221.....Cholanes
D04.210.500.221.263.....Cholenes
D04.210.500.221.430.....Cholic Acids
D04.210.500.221.430.130.....Cholic Acid
D04.210.500.221.430.130.330.....Cholates

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.221.430.130.330.850.....Sodium Cholate
D04.210.500.221.430.265.....Dehydrocholic Acid
D04.210.500.221.430.342.....Deoxycholic Acid
D04.210.500.221.430.342.300.....Chenodeoxycholic Acid
D04.210.500.221.430.342.300.400.....Glycochenodeoxycholic Acid
D04.210.500.221.430.342.300.900.....Taurochenodeoxycholic Acid
D04.210.500.221.430.342.400.....Glycodeoxycholic Acid
D04.210.500.221.430.342.400.450.....Glycochenodeoxycholic Acid
D04.210.500.221.430.342.900.....Taurodeoxycholic Acid
D04.210.500.221.430.342.900.910.....Taurochenodeoxycholic Acid
D04.210.500.221.430.342.925.....Ursodeoxycholic Acid
D04.210.500.221.430.484.....Glycocholic Acid
D04.210.500.221.430.484.430.....Glycodeoxycholic Acid
D04.210.500.221.430.484.430.420.....Glycochenodeoxycholic Acid
D04.210.500.221.430.622.....Lithocholic Acid
D04.210.500.221.430.622.900.....Taurolithocholic Acid
D04.210.500.221.430.873.....Taurocholic Acid
D04.210.500.221.430.873.920.....Taurodeoxycholic Acid
D04.210.500.221.430.873.920.900.....Taurochenodeoxycholic Acid
D04.210.500.221.430.873.940.....Taurolithocholic Acid
D04.210.500.247.....Cholestanes
D04.210.500.247.100.....Cholestanols
D04.210.500.247.100.250.....Cholestanol
D04.210.500.247.125.....Cholestanones
D04.210.500.247.222.....Cholestenes
D04.210.500.247.222.159.....Cholecalciferol
D04.210.500.247.222.159.478.....Hydroxycholecalciferols
D04.210.500.247.222.159.478.250.....Calcifediol
D04.210.500.247.222.159.478.387.....Dihydroxycholecalciferols
D04.210.500.247.222.159.478.387.300.....Calcitriol
D04.210.500.247.222.159.478.387.400.....24,25-Dihydroxyvitamin D 3
D04.210.500.247.222.222.....Cholestadienes
D04.210.500.247.222.222.347.....Cholestadienols
D04.210.500.247.222.222.347.200.....Dehydrocholesterols
D04.210.500.247.222.222.347.231.....Desmosterol
D04.210.500.247.222.222.347.389.....Fusidic Acid
D04.210.500.247.222.222.347.557.....Lanosterol
D04.210.500.247.222.222.347.833.....Stigmasterol
D04.210.500.247.222.265.....Cholestenones
D04.210.500.247.222.265.165.....Ecdysteroids
D04.210.500.247.222.265.165.500.....Ecdysone

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.247.222.265.165.750.....Ecdysterone
D04.210.500.247.222.265.450.....Ketocholesterols
D04.210.500.247.222.284.....Cholesterol
D04.210.500.247.222.284.070.....Azacosterol
D04.210.500.247.222.284.200.....Cholesterol Esters
D04.210.500.247.222.284.510.....19-Iodocholesterol
D04.210.500.247.222.284.800.....Oxysterols
D04.210.500.247.222.284.800.500.....Hydroxycholesterols
D04.210.500.247.222.284.800.750.....Ketocholesterols
D04.210.500.247.222.474.....Ergocalciferols
D04.210.500.247.222.474.250.....Dihydrotachysterol
D04.210.500.247.222.474.400.....25-Hydroxyvitamin D 2
D04.210.500.247.222.537.....Ergosterol
D04.210.500.247.222.537.888.....Withanolides
D04.210.500.247.222.857.....Sitosterols
D04.210.500.247.515.....Spirostans
D04.210.500.247.515.500.....Diosgenin
D04.210.500.247.515.500.500.....Solanine
D04.210.500.247.808.....Sterols
D04.210.500.247.808.050.....Adosterol
D04.210.500.247.808.146.....Cholecalciferol
D04.210.500.247.808.146.478.....Hydroxycholecalciferols
D04.210.500.247.808.146.478.250.....Calcifediol
D04.210.500.247.808.146.478.387.....Dihydroxycholecalciferols
D04.210.500.247.808.146.478.387.300.....Calcitriol
D04.210.500.247.808.146.478.387.400.....24,25-Dihydroxyvitamin D 3
D04.210.500.247.808.197.....Cholesterol
D04.210.500.247.808.197.070.....Azacosterol
D04.210.500.247.808.197.135.....Cholestanol
D04.210.500.247.808.197.200.....Cholesterol Esters
D04.210.500.247.808.197.225.....Cholesterol, Dietary
D04.210.500.247.808.197.238.....Cholesterol, HDL
D04.210.500.247.808.197.244.....Cholesterol, LDL
D04.210.500.247.808.197.247.....Cholesterol, VLDL
D04.210.500.247.808.197.250.....Dehydrocholesterols
D04.210.500.247.808.197.250.281.....Desmosterol
D04.210.500.247.808.197.580.....19-Iodocholesterol
D04.210.500.247.808.197.800.....Oxysterols
D04.210.500.247.808.197.800.500.....Hydroxycholesterols
D04.210.500.247.808.197.800.750.....Ketocholesterols
D04.210.500.247.808.412.....Ergocalciferols

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.247.808.412.250.....Dihydrotachysterol
D04.210.500.247.808.412.400.....25-Hydroxyvitamin D 2
D04.210.500.247.808.489.....Fusidic Acid
D04.210.500.247.808.607.....Lanosterol
D04.210.500.247.808.756.....Phytosterols
D04.210.500.247.808.756.071.....Brassinosteroids
D04.210.500.247.808.756.143.....Ecdysteroids
D04.210.500.247.808.756.669.....Sitosterols
D04.210.500.247.808.756.808.....Stigmasterol
D04.210.500.247.808.756.904.....Withanolides
D04.210.500.247.808.874.....Solanine
D04.210.500.294.....Cyclosteroids
D04.210.500.365.....Estranes
D04.210.500.365.415.....Estrenes
D04.210.500.365.415.050.....Allylestrenol
D04.210.500.365.415.200.....Epimestrol
D04.210.500.365.415.215.....Equilenin
D04.210.500.365.415.220.....Equilin
D04.210.500.365.415.248.....Estradiol
D04.210.500.365.415.248.320.....Estramustine
D04.210.500.365.415.331.....Estriol
D04.210.500.365.415.331.320.....Estetrol
D04.210.500.365.415.414.....Estrone
D04.210.500.365.415.414.400.....Hydroxyestrones
D04.210.500.365.415.550.....Metribolone
D04.210.500.365.415.580.....Mifepristone
D04.210.500.365.415.638.....Nandrolone
D04.210.500.365.415.930.....Trenbolone Acetate
D04.210.500.451.....Gonanes
D04.210.500.496.....Homosteroids
D04.210.500.496.699.....Testolactone
D04.210.500.528.....Hydroxysteroids
D04.210.500.578.....Ketosteroids
D04.210.500.578.502.....17-Ketosteroids
D04.210.500.578.502.112.....Androstenedione
D04.210.500.578.502.195.....Androsterone
D04.210.500.578.502.400.....Dehydroepiandrosterone
D04.210.500.578.502.400.300.....Dehydroepiandrosterone Sulfate
D04.210.500.578.502.470.....Equilenin
D04.210.500.578.502.475.....Equilin
D04.210.500.578.502.497.....Estrone



## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.578.502.497.400.....Hydroxyestrone
D04.210.500.578.502.583.....Etiocholanolone
D04.210.500.668.....Norsteroids
D04.210.500.668.100.....Norandrostanes
D04.210.500.668.651.....Norpregnanes
D04.210.500.668.651.443.....Norpregnadienes
D04.210.500.668.651.443.680.....Promegestone
D04.210.500.668.651.568.....Norpregnatrienes
D04.210.500.668.651.568.291.....Ethinyl Estradiol
D04.210.500.668.651.568.291.250.....Ethinyl Estradiol-Norgestrel Combination
D04.210.500.668.651.568.291.500.....Mestranol
D04.210.500.668.651.568.291.750.....Quinestrol
D04.210.500.668.651.568.620.....Norgestrienone
D04.210.500.668.651.568.620.400.....Gestrinone
D04.210.500.668.651.693.....Norpregnenes
D04.210.500.668.651.693.175.....Desogestrel
D04.210.500.668.651.693.223.....Ethylestrenol
D04.210.500.668.651.693.279.....Ethinodiol Diacetate
D04.210.500.668.651.693.362.....Gestonorone Caproate
D04.210.500.668.651.693.494.....Lynestrenol
D04.210.500.668.651.693.595.....Norethandrolone
D04.210.500.668.651.693.651.....Norethindrone
D04.210.500.668.651.693.706.....Norethynodrel
D04.210.500.668.651.693.762.....Norgestrel
D04.210.500.668.651.693.762.225.....Ethinyl Estradiol-Norgestrel Combination
D04.210.500.668.651.693.762.450.....Levonorgestrel
D04.210.500.668.651.693.820.....Norprogesterones
D04.210.500.745.....Pregnanes
D04.210.500.745.432.....Pregnadienes
D04.210.500.745.432.100.....Canrenoic Acid
D04.210.500.745.432.120.....Canrenone
D04.210.500.745.432.144.....Chlormadinone Acetate
D04.210.500.745.432.219.....Cyproterone
D04.210.500.745.432.219.150.....Cyproterone Acetate
D04.210.500.745.432.235.....Danazol
D04.210.500.745.432.296.....Dydrogesterone
D04.210.500.745.432.370.....Fluocinolone Acetonide
D04.210.500.745.432.370.325.....Fluocinonide
D04.210.500.745.432.481.....Medrogestone
D04.210.500.745.432.531.....Megestrol
D04.210.500.745.432.531.500.....Megestrol Acetate

## 2018 MeSH Tree Hierarchy

Tree location	
D04.210.500.745.432.581.....	Melengestrol Acetate
D04.210.500.745.432.719.....	Pregnadienediols
D04.210.500.745.432.719.260.....	Desoximetasone
D04.210.500.745.432.719.320.....	Fluocortolone
D04.210.500.745.432.719.320.250.....	Diflucortolone
D04.210.500.745.432.719.349.....	Fluorometholone
D04.210.500.745.432.719.526.....	Mometasone Furoate
D04.210.500.745.432.719.526.500.....	Mometasone Furoate, Formoterol Fumarate Drug Combination
D04.210.500.745.432.719.702.....	Prednisone
D04.210.500.745.432.769.....	Pregnadienetriols
D04.210.500.745.432.769.125.....	Beclomethasone
D04.210.500.745.432.769.199.....	Betamethasone
D04.210.500.745.432.769.199.150.....	Betamethasone Valerate
D04.210.500.745.432.769.325.....	Desonide
D04.210.500.745.432.769.344.....	Dexamethasone
D04.210.500.745.432.769.344.300.....	Dexamethasone Isonicotinate
D04.210.500.745.432.769.465.....	Flumethasone
D04.210.500.745.432.769.692.....	Paramethasone
D04.210.500.745.432.769.795.....	Prednisolone
D04.210.500.745.432.769.795.307.....	Fluprednisolone
D04.210.500.745.432.769.795.539.....	Methylprednisolone
D04.210.500.745.432.769.795.539.500.....	Methylprednisolone Hemisuccinate
D04.210.500.745.432.769.795.700.....	Prednimustine
D04.210.500.745.432.915.....	Triamcinolone
D04.210.500.745.432.915.715.....	Triamcinolone Acetonide
D04.210.500.745.495.....	Pregnanediol
D04.210.500.745.558.....	Pregnanediones
D04.210.500.745.558.050.....	Alfaxalone Alfadolone Mixture
D04.210.500.745.558.075.....	5-alpha-Dihydroprogesterone
D04.210.500.745.558.783.....	Tetrahydrocortisone
D04.210.500.745.620.....	Pregnanetriol
D04.210.500.745.640.....	Pregnanolone
D04.210.500.745.683.....	Pregnatrienes
D04.210.500.745.745.....	Pregnenes
D04.210.500.745.745.183.....	Cortisone
D04.210.500.745.745.279.....	Dimethisterone
D04.210.500.745.745.379.....	Ethisterone
D04.210.500.745.745.654.....	Pregnenediones
D04.210.500.745.745.654.062.....	Aldosterone
D04.210.500.745.745.654.105.....	Budesonide
D04.210.500.745.745.654.105.500.....	Budesonide, Formoterol Fumarate Drug Combination

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.745.745.654.237.....Corticosterone
D04.210.500.745.745.654.237.400.....18-Hydroxycorticosterone
D04.210.500.745.745.654.252.....Cortodoxone
D04.210.500.745.745.654.339.....Desoxycorticosterone
D04.210.500.745.745.654.339.400.....18-Hydroxydesoxycorticosterone
D04.210.500.745.745.654.339.700.....Desoxycorticosterone Acetate
D04.210.500.745.745.654.473.....Flurandrenolone
D04.210.500.745.745.654.485.....Flurogestone Acetate
D04.210.500.745.745.654.527.....Gestonorone Caproate
D04.210.500.745.745.654.570.....Halcinonide
D04.210.500.745.745.654.600.....Hydrocortisone
D04.210.500.745.745.654.600.500.....Fludrocortisone
D04.210.500.745.745.654.829.....Progesterone
D04.210.500.745.745.654.829.025.....Algestone
D04.210.500.745.745.654.829.025.025.....Algestone Acetophenide
D04.210.500.745.745.654.829.100.....20-alpha-Dihydroprogesterone
D04.210.500.745.745.654.829.395.....Hydroxyprogesterones
D04.210.500.745.745.654.829.395.400.....17-alpha-Hydroxyprogesterone
D04.210.500.745.745.654.829.395.700.....Medroxyprogesterone
D04.210.500.745.745.654.829.395.700.500.....Medroxyprogesterone Acetate
D04.210.500.745.745.725.....Pregnenolone
D04.210.500.745.745.725.395.....17-alpha-Hydroxypregnenolone
D04.210.500.745.745.725.703.....Pregnenolone Carbonitrile
D04.210.500.745.745.855.....Spironolactone
D04.210.500.745.887.....Tetrahydrocortisol
D04.210.500.795.....Sapogenins
D04.210.500.812.....Secosteroids
D04.210.500.812.768.....Vitamin D
D04.210.500.812.768.196.....Cholecalciferol
D04.210.500.812.768.196.478.....Hydroxycholecalciferols
D04.210.500.812.768.196.478.250.....Calcifediol
D04.210.500.812.768.196.478.387.....Dihydroxycholecalciferols
D04.210.500.812.768.196.478.387.300.....Calcitriol
D04.210.500.812.768.196.478.387.400.....24,25-Dihydroxyvitamin D 3
D04.210.500.812.768.462.....Ergocalciferols
D04.210.500.812.768.462.250.....Dihydrotachysterol
D04.210.500.812.768.462.400.....25-Hydroxyvitamin D 2
D04.210.500.875.....Steroids, Brominated
D04.210.500.883.....Steroids, Chlorinated
D04.210.500.883.154.....Beclomethasone
D04.210.500.883.294.....Chlormadinone Acetate

## 2018 MeSH Tree Hierarchy

Tree location
D04.210.500.883.419.....Cyproterone
D04.210.500.883.419.150.....Cyproterone Acetate
D04.210.500.908.....Steroids, Fluorinated
D04.210.500.908.093.....Betamethasone
D04.210.500.908.093.150.....Betamethasone Valerate
D04.210.500.908.093.250.....Clobetasol
D04.210.500.908.238.....Dexamethasone
D04.210.500.908.238.250.....Desoximetasone
D04.210.500.908.238.300.....Dexamethasone Isonicotinate
D04.210.500.908.359.....Flumethasone
D04.210.500.908.394.....Fluocinolone Acetonide
D04.210.500.908.394.300.....Fluocinonide
D04.210.500.908.405.....Fluocortolone
D04.210.500.908.405.250.....Diflucortolone
D04.210.500.908.431.....Fluorometholone
D04.210.500.908.466.....Fluoxymesterone
D04.210.500.908.502.....Fluprednisolone
D04.210.500.908.537.....Flurandrenolone
D04.210.500.908.550.....Flurogestone Acetate
D04.210.500.908.727.....Paramethasone
D04.210.500.908.891.....Triamcinolone
D04.210.500.908.891.927.....Triamcinolone Acetonide
D04.210.500.925.....Steroids, Heterocyclic
D04.210.500.925.100.....Azasteroids
D04.210.500.925.100.125.....Dutasteride
D04.210.500.925.100.250.....Finasteride
D04.345.....Macrocyclic Compounds
D04.345.025.....Calixarenes
D04.345.051.....Crown Compounds
D04.345.051.500.....Crown Ethers
D04.345.103.....Cyclodextrins
D04.345.103.222.....alpha-Cyclodextrins
D04.345.103.333.....beta-Cyclodextrins
D04.345.103.333.500.....2-Hydroxypropyl-beta-cyclodextrin
D04.345.103.444.....gamma-Cyclodextrins
D04.345.133.....Cycloparaffins
D04.345.241.....Ethers, Cyclic
D04.345.241.308.....Crown Ethers
D04.345.295.....Lactams, Macrocyclic
D04.345.295.500.....Maytansine
D04.345.295.750.....Rifamycins

## 2018 MeSH Tree Hierarchy

Tree location
D04.345.295.750.650.....Rifabutin
D04.345.295.750.650.700.....Streptovaricin
D04.345.295.750.700.....Rifampin
D04.345.566.....Peptides, Cyclic
D04.345.566.040.....Alamethicin
D04.345.566.050.....Amanitins
D04.345.566.050.111.....Alpha-Amanitin
D04.345.566.075.....Bacitracin
D04.345.566.142.....Capreomycin
D04.345.566.235.....Cyclosporins
D04.345.566.235.300.....Cyclosporine
D04.345.566.252.....Dactinomycin
D04.345.566.270.....Daptomycin
D04.345.566.297.....Depsipeptides
D04.345.566.297.500.....Valinomycin
D04.345.566.325.....Echinomycin
D04.345.566.352.....Enterobactin
D04.345.566.380.....Ferrichrome
D04.345.566.447.....Microcystins
D04.345.566.515.....Mycobacillin
D04.345.566.582.....Nisin
D04.345.566.650.....Octreotide
D04.345.566.735.....Phalloidine
D04.345.566.780.....Polymyxins
D04.345.566.780.110.....Colistin
D04.345.566.780.750.....Polymyxin B
D04.345.566.802.....Streptogramins
D04.345.566.802.249.....Mikamycin
D04.345.566.802.374.....Pristinamycin
D04.345.566.802.500.....Streptogramin Group A
D04.345.566.802.500.500.....Streptogramin A
D04.345.566.802.750.....Streptogramin Group B
D04.345.566.802.750.500.....Streptogramin B
D04.345.566.802.812.....Vernamycin B
D04.345.566.802.875.....Virginiamycin
D04.345.566.802.875.500.....Streptogramin A
D04.345.566.825.....Thiostrepton
D04.345.566.850.....Tyrothricin
D04.345.566.850.300.....Gramicidin
D04.345.566.850.920.....Tyrocidine
D04.345.566.875.....Viomycin

## 2018 MeSH Tree Hierarchy

Tree location
D04.345.566.875.250.....Enviomycin
D04.345.674.....Polyketides
D04.345.674.500.....Macrolides
D04.345.783.....Tetrapyrroles
D04.345.783.249.....Bile Pigments
D04.345.783.249.184.....Bilirubin
D04.345.783.249.184.200.....Biliverdine
D04.345.783.249.727.....Urobilin
D04.345.783.249.852.....Urobilinogen
D04.345.783.374.....Chlorophyll
D04.345.783.374.100.....Bacteriochlorophylls
D04.345.783.374.180.....Chlorophyllides
D04.345.783.374.700.....Pheophytins
D04.345.783.374.725.....Protochlorophyllide
D04.345.783.437.....Corrinoids
D04.345.783.437.777.....Vitamin B 12
D04.345.783.437.777.270.....Cobamides
D04.345.783.437.777.560.....Hydroxocobalamin
D04.345.783.468.....Phycobilins
D04.345.783.500.....Porphyrins
D04.345.783.500.250.....Coproporphyrins
D04.345.783.500.280.....Deuteroporphyrins
D04.345.783.500.340.....Etioporphyrins
D04.345.783.500.462.....Hematoporphyrins
D04.345.783.500.462.400.....Hematoporphyrin Derivative
D04.345.783.500.462.400.200.....Dihematoporphyrin Ether
D04.345.783.500.620.....Mesoporphyrins
D04.345.783.500.640.....Metalloporphyrins
D04.345.783.500.640.220.....Chlorophyll
D04.345.783.500.640.220.100.....Bacteriochlorophylls
D04.345.783.500.640.220.180.....Chlorophyllides
D04.345.783.500.640.220.453.....Pheophytins
D04.345.783.500.640.220.725.....Protochlorophyllide
D04.345.783.500.640.587.....Heme
D04.345.783.500.640.587.462.....Hemin
D04.345.783.500.700.....Porphyrinogens
D04.345.783.500.700.250.....Coproporphyrinogens
D04.345.783.500.700.900.....Uroporphyrinogens
D04.345.783.500.725.....Protoporphyrins
D04.345.783.500.880.....Uroporphyrins
D04.345.891.....Trichothecenes

## 2018 MeSH Tree Hierarchy

Tree location
D04.345.891.870.....T-2 Toxin
D04.345.891.900.....Trichodermin
D04.615.....Polycyclic Aromatic Hydrocarbons
D04.615.117.....Anthracenes
D04.615.117.050.....Anthralin
D04.615.117.159.....Anthraquinones
D04.615.117.159.200.....Carmine
D04.615.117.159.205.....Cascara
D04.615.117.159.205.400.....Emodin
D04.615.117.159.500.....Mitoxantrone
D04.615.117.600.....Maprotiline
D04.615.133.....Azulenes
D04.615.149.....Benz(a)Anthracenes
D04.615.149.301.....9,10-Dimethyl-1,2-benzanthracene
D04.615.149.500.....Methylcholanthrene
D04.615.149.700.....Perylene
D04.615.181.....Benzocycloheptenes
D04.615.181.384.....Dibenzocycloheptenes
D04.615.181.384.100.....Amitriptyline
D04.615.181.384.230.....Butaclamol
D04.615.181.384.340.....Cyproheptadine
D04.615.181.384.340.500.....Loratadine
D04.615.181.384.380.....Dizocilpine Maleate
D04.615.181.384.535.....Nortriptyline
D04.615.181.384.650.....Protriptyline
D04.615.389.....Fluorenes
D04.615.389.050.....2-Acetylaminofluorene
D04.615.389.050.060.....Acetoxyacetylaminofluorene
D04.615.389.050.400.....Hydroxyacetylaminofluorene
D04.615.389.850.....Tilorone
D04.615.486.....Indenes
D04.615.486.250.....Dimethindene
D04.615.486.487.....Indans
D04.615.486.487.060.....Aprindine
D04.615.486.487.500.....Ninhydrin
D04.615.486.487.750.....Phenindione
D04.615.486.875.....Sulindac
D04.615.562.....Naphthacenes
D04.615.562.050.....Anthracyclines
D04.615.562.050.050.....Aclarubicin
D04.615.562.050.200.....Daunorubicin

## 2018 MeSH Tree Hierarchy

Tree location
D04.615.562.050.200.150.....Carubicin
D04.615.562.050.200.175.....Doxorubicin
D04.615.562.050.200.175.200.....Epirubicin
D04.615.562.050.200.300.....Idarubicin
D04.615.562.050.200.650.....Nogalamycin
D04.615.562.050.200.650.500.....Menogaril
D04.615.562.050.650.....Plicamycin
D04.615.562.900.....Tetracyclines
D04.615.562.900.146.....Chlortetracycline
D04.615.562.900.185.....Demeclocycline
D04.615.562.900.200.....Doxycycline
D04.615.562.900.450.....Lymecycline
D04.615.562.900.525.....Methacycline
D04.615.562.900.550.....Minocycline
D04.615.562.900.600.....Oxytetracycline
D04.615.562.900.720.....Rolitetracycline
D04.615.562.900.875.....Tetracycline
D04.615.638.....Naphthalenes
D04.615.638.059.....Acenaphthenes
D04.615.638.090.....Adapalene
D04.615.638.090.500.....Adapalene, Benzoyl Peroxide Drug Combination
D04.615.638.120.....Bunaftine
D04.615.638.162.....Carbaryl
D04.615.638.183.....Cinacalcet Hydrochloride
D04.615.638.204.....Dansyl Compounds
D04.615.638.400.....Lovastatin
D04.615.638.400.900.....Simvastatin
D04.615.638.400.900.500.....Ezetimibe, Simvastatin Drug Combination
D04.615.638.472.....Naphthaleneacetic Acids
D04.615.638.472.450.....Naproxen
D04.615.638.555.....Naphthalenesulfonates
D04.615.638.555.200.....Amaranth Dye
D04.615.638.555.220.....Amido Black
D04.615.638.555.282.....Anilino Naphthalenesulfonates
D04.615.638.555.300.....Congo Red
D04.615.638.555.400.....Evans Blue
D04.615.638.555.750.....Suramin
D04.615.638.555.875.....Trypan Blue
D04.615.638.596.....Naphthalimides
D04.615.638.638.....Naphthols
D04.615.638.721.....Naphthoquinones



## 2018 MeSH Tree Hierarchy

Tree location
D04.615.638.721.186.....Atovaquone
D04.615.638.721.374.....Vitamin K
D04.615.638.721.374.689.....Vitamin K 1
D04.615.638.721.374.844.....Vitamin K 2
D04.615.638.721.374.922.....Vitamin K 3
D04.615.638.845.....1-Naphthylamine
D04.615.638.845.800.....Sertraline
D04.615.638.850.....2-Naphthylamine
D04.615.638.870.....1-Naphthylisothiocyanate
D04.615.638.900.....Naphthylvinylpyridine
D04.615.638.930.....Pravastatin
D04.615.638.945.....Propranolol
D04.615.638.960.....Tetrahydronaphthalenes
D04.615.638.960.400.....8-Hydroxy-2-(di-n-propylamino)tetralin
D04.615.638.960.446.....Bunolol
D04.615.638.960.446.500.....Levobunolol
D04.615.638.960.585.....Mibefradil
D04.615.638.960.675.....Podophyllotoxin
D04.615.638.960.675.250.....Etoposide
D04.615.638.960.837.....Tetralones
D04.615.638.975.....Tolnaftate
D04.615.680.....Phenalenenes
D04.615.680.500.....Perylene
D04.615.723.....Phenanthrenes
D04.615.723.089.....Aristolochic Acids
D04.615.723.180.....Chrysenes
D04.615.723.590.....Diterpenes, Abietane
D04.615.723.795.....Morphinans
D04.615.723.795.106.....Benzomorphanes
D04.615.723.795.106.700.....Pentazocine
D04.615.723.795.106.715.....Phenazocine
D04.615.723.795.150.....Buprenorphine
D04.615.723.795.150.500.....Buprenorphine, Naloxone Drug Combination
D04.615.723.795.165.....Butorphanol
D04.615.723.795.200.....Dextromethorphan
D04.615.723.795.235.....Dextrophan
D04.615.723.795.250.....Diprenorphine
D04.615.723.795.270.....Etorphine
D04.615.723.795.413.....Levallorphan
D04.615.723.795.463.....Levorphanol
D04.615.723.795.576.....Morphine Derivatives

## 2018 MeSH Tree Hierarchy

Tree location
D04.615.723.795.576.149.....Codeine
D04.615.723.795.576.149.287.....Hydrocodone
D04.615.723.795.576.149.575.....Oxycodone
D04.615.723.795.576.350.....Dihydromorphine
D04.615.723.795.576.430.....Ethylmorphine
D04.615.723.795.576.445.....Heroin
D04.615.723.795.576.450.....Hydromorphone
D04.615.723.795.576.571.....Morphine
D04.615.723.795.576.692.....Oxymorphone
D04.615.723.795.576.856.....Thebaine
D04.615.723.795.606.....Nalbuphine
D04.615.723.795.656.....Nalorphine
D04.615.723.795.706.....Naloxone
D04.615.723.795.706.275.....Buprenorphine, Naloxone Drug Combination
D04.615.723.795.706.550.....Naltrexone
D04.615.799.....Pyrenes
D04.615.799.306.....Benzopyrenes
D04.615.799.306.300.....Benzo(a)pyrene
D04.615.799.306.400.....Dihydroxydihydrobenzopyrenes
D04.615.799.306.400.350.....7,8-Dihydro-7,8-dihydroxybenzo(a)pyrene 9,10-oxide
D04.711.....Spiro Compounds
D04.711.120.....Buspirone
D04.711.345.....Fluorescamine
D04.711.347.....Fluoresceins
D04.711.347.300.....Eosine I Bluish
D04.711.347.325.....Eosine Yellowish-(YS)
D04.711.347.350.....Erythrosine
D04.711.347.390.....Fluorescein
D04.711.347.400.....Fluorescein-5-isothiocyanate
D04.711.347.700.....Rose Bengal
D04.711.350.....Fluspirilene
D04.711.511.....Leucogenenol
D04.711.656.....Prospidium
D04.711.800.....Spiperone
D05.....Macromolecular Substances
D05.374.....Micelles
D05.500.....Multiprotein Complexes
D05.500.049.....Amyloid
D05.500.099.....Apoptosomes
D05.500.117.....Axin Signaling Complex
D05.500.117.249.....Adenomatous Polyposis Coli Protein

## 2018 MeSH Tree Hierarchy

Tree location
D05.500.117.500.....Axin Protein
D05.500.117.750.....Casein Kinase I
D05.500.117.750.100.....Casein Kinase Ialpha
D05.500.117.750.200.....Casein Kinase Idelta
D05.500.117.750.300.....Casein Kinase Iepsilon
D05.500.117.875.....Glycogen Synthase Kinase 3
D05.500.117.875.500.....Glycogen Synthase Kinase 3 beta
D05.500.135.....Calcifying Nanoparticles
D05.500.139.....COP9 Signalosome Complex
D05.500.142.....Dynactin Complex
D05.500.149.....Dystrophin-Associated Protein Complex
D05.500.199.....Endosomal Sorting Complexes Required for Transport
D05.500.199.500.....Nedd4 Ubiquitin Protein Ligases
D05.500.224.....Inflammasomes
D05.500.299.....Lactose Synthase
D05.500.337.....Mechanistic Target of Rapamycin Complex 1
D05.500.337.250.....MTOR Associated Protein, LST8 Homolog
D05.500.337.500.....Regulatory-Associated Protein of mTOR
D05.500.356.....Mechanistic Target of Rapamycin Complex 2
D05.500.356.500.....Rapamycin-Insensitive Companion of mTOR Protein
D05.500.374.....Mediator Complex
D05.500.374.249.....Cyclin C
D05.500.374.500.....Cyclin-Dependent Kinase 8
D05.500.374.750.....Mediator Complex Subunit 1
D05.500.500.....Molecular Motor Proteins
D05.500.562.....Multienzyme Complexes
D05.500.562.249.....Electron Transport Complex I
D05.500.562.374.....Electron Transport Complex IV
D05.500.562.405.....Exosome Multienzyme Ribonuclease Complex
D05.500.562.444.....Fatty Acid Synthase, Type II
D05.500.562.452.....Glycine Decarboxylase Complex
D05.500.562.452.100.....Aminomethyltransferase
D05.500.562.452.150.....Dihydrolipoamide Dehydrogenase
D05.500.562.452.175.....Glycine Decarboxylase Complex H-Protein
D05.500.562.452.200.....Glycine Dehydrogenase (Decarboxylating)
D05.500.562.468.....Ketoglutarate Dehydrogenase Complex
D05.500.562.468.500.....Dihydrolipoamide Dehydrogenase
D05.500.562.484.....Phosphoenolpyruvate Sugar Phosphotransferase System
D05.500.562.488.....Photosynthetic Reaction Center Complex Proteins
D05.500.562.488.374.....Cytochrome b6f Complex
D05.500.562.488.374.500.....Cytochromes b6

## 2018 MeSH Tree Hierarchy

Tree location
D05.500.562.488.374.750.....Cytochromes f
D05.500.562.488.374.875.....Plastoquinol-Plastocyanin Reductase
D05.500.562.488.490.....Light-Harvesting Protein Complexes
D05.500.562.488.490.249.....Chlorophyll Binding Proteins
D05.500.562.488.490.500.....Phycobilisomes
D05.500.562.488.490.500.500.....Phycobiliproteins
D05.500.562.488.490.500.500.755.....Phycocyanin
D05.500.562.488.490.500.500.777.....Phycoerythrin
D05.500.562.488.500.....Photosystem I Protein Complex
D05.500.562.488.750.....Photosystem II Protein Complex
D05.500.562.500.....Proteasome Endopeptidase Complex
D05.500.562.625.....Pyruvate Dehydrogenase Complex
D05.500.562.625.500.....Dihydrolipoamide Dehydrogenase
D05.500.562.625.750.....Dihydrolipoyllysine-Residue Acetyltransferase
D05.500.562.625.875.....Pyruvate Dehydrogenase (Lipoamide)
D05.500.562.750.....Succinate Cytochrome c Oxidoreductase
D05.500.562.750.249.....Electron Transport Complex II
D05.500.562.750.249.500.....Succinate Dehydrogenase
D05.500.562.750.500.....Electron Transport Complex III
D05.500.562.875.....Sucrase-Isomaltase Complex
D05.500.781.....Polycomb-Group Proteins
D05.500.781.100.....Polycomb Repressive Complex 1
D05.500.781.750.....Polycomb Repressive Complex 2
D05.500.781.750.250.....Enhancer of Zeste Homolog 2 Protein
D05.500.781.750.500.....Retinoblastoma-Binding Protein 4
D05.500.781.750.750.....Retinoblastoma-Binding Protein 7
D05.500.890.....Protein Translocation Systems
D05.500.890.500.....Bacterial Secretion Systems
D05.500.890.500.500.....Type I Secretion Systems
D05.500.890.500.750.....Type II Secretion Systems
D05.500.890.500.875.....Type III Secretion Systems
D05.500.890.500.937.....Type IV Secretion Systems
D05.500.890.500.968.....Type V Secretion Systems
D05.500.890.500.984.....Type VI Secretion Systems
D05.500.890.500.992.....Type VII Secretion Systems
D05.500.890.625.....SEC Translocation Channels
D05.500.890.750.....Twin-Arginine-Translocation System
D05.500.945.....Troponin
D05.500.945.900.....Troponin C
D05.500.945.925.....Troponin I
D05.500.945.962.....Troponin T

## 2018 MeSH Tree Hierarchy

Tree location
D05.750.....Polymers
D05.750.078.....Biopolymers
D05.750.078.139.....Chitin
D05.750.078.139.500.....Chitosan
D05.750.078.280.....Collagen
D05.750.078.280.300.....Fibrillar Collagens
D05.750.078.280.300.100.....Collagen Type I
D05.750.078.280.300.200.....Collagen Type II
D05.750.078.280.300.300.....Collagen Type III
D05.750.078.280.300.400.....Collagen Type V
D05.750.078.280.300.500.....Collagen Type XI
D05.750.078.421.....Elastin
D05.750.078.562.....Glucans
D05.750.078.562.180.....Cellulose
D05.750.078.562.180.200.....Cellulose, Oxidized
D05.750.078.562.180.357.....Hypromellose Derivatives
D05.750.078.562.180.515.....Lignin
D05.750.078.562.272.....Dextrans
D05.750.078.562.388.....Glycogen
D05.750.078.562.388.518.....Liver Glycogen
D05.750.078.562.855.....Starch
D05.750.078.562.855.750.....Inulin
D05.750.078.593.....Intermediate Filament Proteins
D05.750.078.593.200.....Desmin
D05.750.078.593.400.....Glial Fibrillary Acidic Protein
D05.750.078.593.450.....Keratins
D05.750.078.593.450.074.....beta-Keratins
D05.750.078.593.450.149.....Keratins, Hair-Specific
D05.750.078.593.450.300.....Keratins, Type I
D05.750.078.593.450.300.100.....Keratin-10
D05.750.078.593.450.300.200.....Keratin-12
D05.750.078.593.450.300.300.....Keratin-13
D05.750.078.593.450.300.400.....Keratin-14
D05.750.078.593.450.300.600.....Keratin-16
D05.750.078.593.450.300.700.....Keratin-17
D05.750.078.593.450.300.800.....Keratin-18
D05.750.078.593.450.300.900.....Keratin-19
D05.750.078.593.450.300.950.....Keratin-20
D05.750.078.593.450.600.....Keratins, Type II
D05.750.078.593.450.600.100.....Keratin-1
D05.750.078.593.450.600.200.....Keratin-2

## 2018 MeSH Tree Hierarchy

Tree location
D05.750.078.593.450.600.300.....Keratin-3
D05.750.078.593.450.600.400.....Keratin-4
D05.750.078.593.450.600.500.....Keratin-5
D05.750.078.593.450.600.600.....Keratin-6
D05.750.078.593.450.600.700.....Keratin-7
D05.750.078.593.450.600.800.....Keratin-8
D05.750.078.593.450.600.900.....Keratin-9
D05.750.078.593.540.....Nestin
D05.750.078.593.630.....Neurofilament Proteins
D05.750.078.593.765.....Peripherins
D05.750.078.593.900.....Vimentin
D05.750.078.625.....Latex
D05.750.078.687.....Lignin
D05.750.078.730.....Microfilament Proteins
D05.750.078.730.032.....Actin Capping Proteins
D05.750.078.730.032.500.....CapZ Actin Capping Protein
D05.750.078.730.032.750.....Tropomodulin
D05.750.078.730.212.....Actin Depolymerizing Factors
D05.750.078.730.212.500.....Cofilin 1
D05.750.078.730.212.750.....Cofilin 2
D05.750.078.730.212.875.....Destrin
D05.750.078.730.246.....Actin-Related Protein 2-3 Complex
D05.750.078.730.246.500.....Actin-Related Protein 2
D05.750.078.730.246.750.....Actin-Related Protein 3
D05.750.078.730.248.....Actinin
D05.750.078.730.250.....Actins
D05.750.078.730.281.....Cortactin
D05.750.078.730.315.....Filamins
D05.750.078.730.350.....Gelsolin
D05.750.078.730.475.....Myosins
D05.750.078.730.475.100.....Myosin Heavy Chains
D05.750.078.730.475.200.....Myosin Light Chains
D05.750.078.730.475.300.....Myosin Subfragments
D05.750.078.730.475.470.....Myosin Type I
D05.750.078.730.475.475.....Myosin Type II
D05.750.078.730.475.475.124.....Cardiac Myosins
D05.750.078.730.475.475.124.249.....Atrial Myosins
D05.750.078.730.475.475.124.500.....Ventricular Myosins
D05.750.078.730.475.475.249.....Nonmuscle Myosin Type IIA
D05.750.078.730.475.475.500.....Nonmuscle Myosin Type IIB
D05.750.078.730.475.475.750.....Skeletal Muscle Myosins

## 2018 MeSH Tree Hierarchy

Tree location
D05.750.078.730.475.475.875.....Smooth Muscle Myosins
D05.750.078.730.475.612.....Myosin Type III
D05.750.078.730.475.681.....Myosin Type IV
D05.750.078.730.475.750.....Myosin Type V
D05.750.078.730.556.....Myristoylated Alanine-Rich C Kinase Substrate
D05.750.078.730.637.....Profilins
D05.750.078.730.719.....Tensins
D05.750.078.730.800.....Tropomyosin
D05.750.078.730.825.....Troponin
D05.750.078.730.825.900.....Troponin C
D05.750.078.730.825.925.....Troponin I
D05.750.078.730.825.962.....Troponin T
D05.750.078.730.912.....Wiskott-Aldrich Syndrome Protein Family
D05.750.078.730.912.500.....Wiskott-Aldrich Syndrome Protein
D05.750.078.730.912.550.....Wiskott-Aldrich Syndrome Protein, Neuronal
D05.750.078.734.....Microtubule Proteins
D05.750.078.734.800.....Tubulin
D05.750.078.738.....Pectins
D05.750.078.739.....Plant Gums
D05.750.078.739.249.....Chewing Gum
D05.750.078.739.249.500.....Nicotine Chewing Gum
D05.750.078.739.500.....Gum Arabic
D05.750.078.739.625.....Karaya Gum
D05.750.078.739.750.....Tragacanth
D05.750.078.764.....Plant Mucilage
D05.750.078.789.....Polyhydroxyalkanoates
D05.750.078.840.....Resins, Plant
D05.750.078.840.109.....Amber
D05.750.078.840.219.....Balsams
D05.750.078.840.490.....Frankincense
D05.750.078.840.762.....Propolis
D05.750.078.850.....Reticulin
D05.750.078.875.....Silk
D05.750.078.875.500.....Fibroins
D05.750.078.875.750.....Sericins
D05.750.078.937.....Tannins
D05.750.078.937.214.....Hydrolyzable Tannins
D05.750.078.937.429.....Proanthocyanidins
D05.750.200.....Colestipol
D05.750.215.....Metal-Organic Frameworks
D05.750.230.....Polyelectrolytes

## 2018 MeSH Tree Hierarchy

Tree location
D05.750.259.....Cyanoacrylates
D05.750.259.341.....Enbucrilate
D05.750.259.341.110.....Bucrylate
D05.750.327.....Dendrimers
D05.750.395.....Fluorocarbon Polymers
D05.750.395.616.....Polytetrafluoroethylene
D05.750.395.616.755.....Proplast
D05.750.470.....Hexadimethrine Bromide
D05.750.593.....Organically Modified Ceramics
D05.750.716.....Plastics
D05.750.716.195.....Biodegradable Plastics
D05.750.716.392.....Nylons
D05.750.716.507.....Polyethylenes
D05.750.716.507.500.....Polyethylene
D05.750.716.507.600.....Polyethyleneimine
D05.750.716.550.....Polypropylenes
D05.750.716.579.....Polystyrenes
D05.750.716.579.159.....Cholestyramine Resin
D05.750.716.650.....Polyurethanes
D05.750.716.721.....Polyvinyls
D05.750.716.721.616.....Polyvinyl Alcohol
D05.750.716.721.812.....Polyvinyl Chloride
D05.750.716.721.838.....Povidone
D05.750.716.721.838.745.....Povidone-Iodine
D05.750.716.822.....Resins, Synthetic
D05.750.716.822.111.....Acrylic Resins
D05.750.716.822.111.650.....Polymethacrylic Acids
D05.750.716.822.111.650.605.....Methylmethacrylates
D05.750.716.822.111.650.605.450.....Methylmethacrylate
D05.750.716.822.111.650.605.500.....Polymethyl Methacrylate
D05.750.716.822.111.650.750.....Polyhydroxyethyl Methacrylate
D05.750.716.822.300.....Bone Cements
D05.750.716.822.308.....Composite Resins
D05.750.716.822.308.200.....Bisphenol A-Glycidyl Methacrylate
D05.750.716.822.308.300.....Compomers
D05.750.716.822.461.....Epoxy Resins
D05.750.716.822.461.500.....Silorane Resins
D05.750.716.822.730.....Resin Cements
D05.750.722.....Polyanetholesulfonate
D05.750.725.....Polyanhydrides
D05.750.728.....Polyesters



## 2018 MeSH Tree Hierarchy

Tree location
D05.750.728.700.....Polydioxanone
D05.750.728.764.....Polyethylene Terephthalates
D05.750.728.772.....Polyglactin 910
D05.750.728.780.....Polyglycolic Acid
D05.750.728.890.....Polyhydroxyalkanoates
D05.750.741.....Polyethylene Glycols
D05.750.741.125.....Certolizumab Pegol
D05.750.741.250.....Cetomacrogol
D05.750.741.485.....Hydrogel, Polyethylene Glycol Dimethacrylate
D05.750.741.575.....Nonoxynol
D05.750.741.610.....Octoxynol
D05.750.741.650.....Poloxalene
D05.750.741.667.....Poloxamer
D05.750.741.685.....Polyhydroxyethyl Methacrylate
D05.750.741.700.....Polysorbates
D05.750.780.....Polygeline
D05.750.795.....Polyphlorethin Phosphate
D05.750.830.....Pyran Copolymer
D05.750.900.....Siloxanes
D05.750.900.850.....Silicones
D05.750.900.850.150.....Dimethylpolysiloxanes
D05.750.900.850.150.750.....Simethicone
D05.750.900.850.900.....Silicone Elastomers
D05.750.900.850.905.....Silicone Gels
D05.750.900.850.950.....Silicone Oils
D05.750.900.925.....Silorane Resins
D05.875.....Protein Aggregates
D06.....Hormones, Hormone Substitutes, and Hormone Antagonists
D06.347.....Hormone Antagonists
D06.347.065.....Androgen Antagonists
D06.347.065.249.....Androgen Receptor Antagonists
D06.347.065.500.....Nonsteroidal Anti-Androgens
D06.347.100.....Antithyroid Agents
D06.347.230.....Calcimimetic Agents
D06.347.295.....Estrogen Antagonists
D06.347.295.500.....Estrogen Receptor Antagonists
D06.347.360.....Estrogen Receptor Modulators
D06.347.360.827.....Selective Estrogen Receptor Modulators
D06.347.420.....Insulin Antagonists
D06.347.565.....Leukotriene Antagonists
D06.347.700.....Mineralocorticoid Receptor Antagonists

## 2018 MeSH Tree Hierarchy

Tree location
D06.347.710.....Prostaglandin Antagonists
D06.472.....Hormones
D06.472.040.....Adrenal Cortex Hormones
D06.472.040.502.....17-Ketosteroids
D06.472.040.502.112.....Androstenedione
D06.472.040.502.195.....Androsterone
D06.472.040.502.400.....Dehydroepiandrosterone
D06.472.040.502.400.300.....Dehydroepiandrosterone Sulfate
D06.472.040.502.497.....Estrone
D06.472.040.502.583.....Etiocholanolone
D06.472.040.543.....Glucocorticoids
D06.472.040.585.....Hydroxycorticosteroids
D06.472.040.585.353.....11-Hydroxycorticosteroids
D06.472.040.585.353.118.....Aldosterone
D06.472.040.585.353.237.....Corticosterone
D06.472.040.585.353.476.....Hydrocortisone
D06.472.040.585.353.500.....18-Hydroxycorticosterone
D06.472.040.585.353.825.....Tetrahydrocortisol
D06.472.040.585.478.....17-Hydroxycorticosteroids
D06.472.040.585.478.195.....Cortisone
D06.472.040.585.478.225.....Cortodoxone
D06.472.040.585.478.392.....Hydrocortisone
D06.472.040.585.478.782.....Tetrahydrocortisol
D06.472.040.585.478.865.....Tetrahydrocortisone
D06.472.040.585.611.....Desoxycorticosterone
D06.472.040.585.611.400.....18-Hydroxydesoxycorticosterone
D06.472.040.585.611.700.....Desoxycorticosterone Acetate
D06.472.040.585.745.....Pregnenolone
D06.472.040.585.745.500.....17-alpha-Hydroxypregnenolone
D06.472.317.....Gastrointestinal Hormones
D06.472.317.152.....Cholecystikin
D06.472.317.152.700.....Sincalide
D06.472.317.350.....Epidermal Growth Factor
D06.472.317.400.....Gastric Inhibitory Polypeptide
D06.472.317.410.....Gastrin-Releasing Peptide
D06.472.317.413.....Gastrins
D06.472.317.413.593.....Pentagastrin
D06.472.317.413.800.....Tetragastrin
D06.472.317.469.....Proglucagon
D06.472.317.469.249.....Glicentin
D06.472.317.469.500.....Glucagon-Like Peptides

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.317.469.500.500.....Glucagon-Like Peptide 1
D06.472.317.469.500.500.500.....Liraglutide
D06.472.317.469.500.750.....Glucagon-Like Peptide 2
D06.472.317.469.750.....Oxyntomodulin
D06.472.317.525.....Motilin
D06.472.317.662.....Peptide YY
D06.472.317.800.....Secretin
D06.472.317.950.....Vasoactive Intestinal Peptide
D06.472.334.....Gonadal Hormones
D06.472.334.500.....Activins
D06.472.334.500.500.....Inhibin-beta Subunits
D06.472.334.734.....Corpus Luteum Hormones
D06.472.334.734.623.....Progesterone
D06.472.334.734.769.....Relaxin
D06.472.334.851.....Gonadal Steroid Hormones
D06.472.334.851.437.....Estradiol Congeners
D06.472.334.851.437.249.....Equilenin
D06.472.334.851.437.374.....Equilin
D06.472.334.851.437.500.....Estradiol
D06.472.334.851.437.750.....Estriol
D06.472.334.851.437.750.320.....Estetrol
D06.472.334.851.437.968.....Estrogenic Steroids, Alkylated
D06.472.334.851.437.968.500.....Ethinyl Estradiol
D06.472.334.851.437.968.500.250.....Ethinyl Estradiol-Norgestrel Combination
D06.472.334.851.437.968.500.500.....Mestranol
D06.472.334.851.437.968.500.750.....Quinestrol
D06.472.334.851.437.984.....Estrogens, Catechol
D06.472.334.851.437.984.350.....Hydroxyestrones
D06.472.334.851.437.988.....Estrogens, Conjugated (USP)
D06.472.334.851.437.994.....Estrogens, Esterified (USP)
D06.472.334.851.437.996.....Estrone
D06.472.334.851.687.....Progesterone Congeners
D06.472.334.851.687.500.....Pregnenolone
D06.472.334.851.687.500.500.....17-alpha-Hydroxypregnenolone
D06.472.334.851.687.750.....Progesterone
D06.472.334.851.687.750.070.....5-alpha-Dihydroprogesterone
D06.472.334.851.687.750.074.....20-alpha-Dihydroprogesterone
D06.472.334.851.687.750.478.....Hydroxyprogesterones
D06.472.334.851.687.750.478.400.....17-alpha-Hydroxyprogesterone
D06.472.334.851.687.750.478.400.500.....Pregnanetriol
D06.472.334.851.687.750.739.....Pregnanediol

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.334.851.968.....Testosterone Congeners
D06.472.334.851.968.500.....Androstane-3,17-diol
D06.472.334.851.968.750.....Androstenediol
D06.472.334.851.968.875.....Androstenedione
D06.472.334.851.968.937.....Androsterone
D06.472.334.851.968.952.....Dehydroepiandrosterone
D06.472.334.851.968.952.300.....Dehydroepiandrosterone Sulfate
D06.472.334.851.968.964.....Dihydrotestosterone
D06.472.334.851.968.968.....Etiocholanolone
D06.472.334.851.968.976.....Nandrolone
D06.472.334.851.968.984.....Testosterone
D06.472.334.851.968.984.500.....Epitestosterone
D06.472.334.851.968.984.750.....Testosterone Propionate
D06.472.334.968.....Inhibins
D06.472.334.968.500.....Inhibin-beta Subunits
D06.472.334.984.....Testicular Hormones
D06.472.334.984.500.....Anti-Mullerian Hormone
D06.472.397.....Hormones, Ectopic
D06.472.445.....Invertebrate Hormones
D06.472.445.573.....Insect Hormones
D06.472.445.573.271.....Ecdysteroids
D06.472.445.573.271.500.....Ecdysone
D06.472.445.573.271.750.....Ecdysterone
D06.472.445.573.666.....Juvenile Hormones
D06.472.445.573.666.170.....Diflubenzuron
D06.472.445.573.666.500.....Methoprene
D06.472.506.....Melatonin
D06.472.699.....Peptide Hormones
D06.472.699.009.....Activins
D06.472.699.009.500.....Inhibin-beta Subunits
D06.472.699.042.....Adipokines
D06.472.699.042.249.....Adiponectin
D06.472.699.042.500.....Leptin
D06.472.699.042.750.....Resistin
D06.472.699.077.....Adrenomedullin
D06.472.699.094.....Angiotensins
D06.472.699.094.075.....Angiotensin I
D06.472.699.094.078.....Angiotensin II
D06.472.699.094.080.....Angiotensin III
D06.472.699.100.....Bombesin
D06.472.699.150.....Calcitonin

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.699.275.....Gastric Inhibitory Polypeptide
D06.472.699.280.....Gastrins
D06.472.699.301.....Ghrelin
D06.472.699.322.....Gonadotropins
D06.472.699.322.326.....Chorionic Gonadotropin
D06.472.699.322.326.125.....Chorionic Gonadotropin, beta Subunit, Human
D06.472.699.322.326.562.....Glycoprotein Hormones, alpha Subunit
D06.472.699.322.451.....Gonadotropins, Equine
D06.472.699.322.576.....Gonadotropins, Pituitary
D06.472.699.322.576.288.....Follicle Stimulating Hormone
D06.472.699.322.576.288.500.....Follicle Stimulating Hormone, beta Subunit
D06.472.699.322.576.288.750.....Glycoprotein Hormones, alpha Subunit
D06.472.699.322.576.463.....Luteinizing Hormone
D06.472.699.322.576.463.249.....Glycoprotein Hormones, alpha Subunit
D06.472.699.322.576.463.500.....Luteinizing Hormone, beta Subunit
D06.472.699.322.576.583.....Menotropins
D06.472.699.322.576.583.500.....Urofollitropin
D06.472.699.322.576.773.....Prolactin
D06.472.699.327.....Hypothalamic Hormones
D06.472.699.327.700.....Pituitary Hormone Release Inhibiting Hormones
D06.472.699.327.700.500.....MSH Release-Inhibiting Hormone
D06.472.699.327.700.750.....Prolactin Release-Inhibiting Factors
D06.472.699.327.700.875.....Somatostatin
D06.472.699.327.700.875.500.....Somatostatin-28
D06.472.699.327.740.....Pituitary Hormone-Releasing Hormones
D06.472.699.327.740.140.....Corticotropin-Releasing Hormone
D06.472.699.327.740.320.....Gonadotropin-Releasing Hormone
D06.472.699.327.740.320.100.....Buserelin
D06.472.699.327.740.320.340.....Goserelin
D06.472.699.327.740.320.400.....Leuprolide
D06.472.699.327.740.320.580.....Nafarelin
D06.472.699.327.740.320.790.....Triptorelin Pamoate
D06.472.699.327.740.860.....Growth Hormone-Releasing Hormone
D06.472.699.327.740.860.780.....Sermorelin
D06.472.699.327.740.880.....Thyrotropin-Releasing Hormone
D06.472.699.327.935.....Pro-Opiomelanocortin
D06.472.699.327.935.119.....alpha-Endorphin
D06.472.699.327.935.179.....alpha-MSH
D06.472.699.327.935.239.....beta-Endorphin
D06.472.699.327.935.480.....beta-Lipotropin
D06.472.699.327.935.492.....beta-MSH

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.699.327.935.498.....Corticotropin-Like Intermediate Lobe Peptide
D06.472.699.327.935.505.....gamma-Endorphin
D06.472.699.327.935.518.....gamma-Lipotropin
D06.472.699.327.935.524.....gamma-MSH
D06.472.699.327.935.531.....Melanocortins
D06.472.699.327.935.531.500.....Adrenocorticotropic Hormone
D06.472.699.327.935.531.500.200.....Cosyntropin
D06.472.699.327.935.531.750.....Melanocyte-Stimulating Hormones
D06.472.699.327.935.531.750.050.....alpha-MSH
D06.472.699.327.935.531.750.075.....beta-MSH
D06.472.699.327.935.531.750.115.....gamma-MSH
D06.472.699.327.967.....Prolactin-Releasing Hormone
D06.472.699.337.....Inhibins
D06.472.699.337.500.....Inhibin-beta Subunits
D06.472.699.500.....Motilin
D06.472.699.584.....Natriuretic Peptides
D06.472.699.584.500.....Atrial Natriuretic Factor
D06.472.699.584.625.....Natriuretic Peptide, Brain
D06.472.699.584.750.....Natriuretic Peptide, C-Type
D06.472.699.587.....Pancreatic Hormones
D06.472.699.587.200.....Insulins
D06.472.699.587.200.200.....Biphasic Insulins
D06.472.699.587.200.300.....Insulin, Long-Acting
D06.472.699.587.200.300.050.....Insulin Detemir
D06.472.699.587.200.300.100.....Insulin Glargine
D06.472.699.587.200.300.200.....Insulin, Isophane
D06.472.699.587.200.300.200.500.....Isophane Insulin, Human
D06.472.699.587.200.300.300.....Insulin, Lente
D06.472.699.587.200.300.800.....Insulin, Ultralente
D06.472.699.587.200.400.....Insulin, Short-Acting
D06.472.699.587.200.400.100.....Insulin Aspart
D06.472.699.587.200.400.500.....Insulin Lispro
D06.472.699.587.200.500.....Proinsulin
D06.472.699.587.200.500.250.....C-Peptide
D06.472.699.587.200.500.625.....Insulin
D06.472.699.587.200.500.625.500.....Insulin, Regular, Human
D06.472.699.587.200.500.625.500.500.....Isophane Insulin, Human
D06.472.699.587.200.500.625.700.....Insulin, Regular, Pork
D06.472.699.587.334.....Islet Amyloid Polypeptide
D06.472.699.587.469.....Proglucagon
D06.472.699.587.469.500.....Glucagon

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.699.587.700.....Pancreatic Polypeptide
D06.472.699.587.780.....Somatostatin
D06.472.699.587.780.500.....Somatostatin-28
D06.472.699.590.....Parathyroid Hormone
D06.472.699.590.850.....Teriparatide
D06.472.699.591.....Parathyroid Hormone-Related Protein
D06.472.699.592.....Peptide PHI
D06.472.699.595.....Peptide YY
D06.472.699.631.....Pituitary Hormones
D06.472.699.631.525.....Pituitary Hormones, Anterior
D06.472.699.631.525.343.....Gonadotropins, Pituitary
D06.472.699.631.525.343.288.....Follicle Stimulating Hormone
D06.472.699.631.525.343.288.500.....Follicle Stimulating Hormone, beta Subunit
D06.472.699.631.525.343.288.625.....Follicle Stimulating Hormone, Human
D06.472.699.631.525.343.288.750.....Glycoprotein Hormones, alpha Subunit
D06.472.699.631.525.343.463.....Luteinizing Hormone
D06.472.699.631.525.343.463.249.....Glycoprotein Hormones, alpha Subunit
D06.472.699.631.525.343.463.500.....Luteinizing Hormone, beta Subunit
D06.472.699.631.525.343.583.....Menotropins
D06.472.699.631.525.343.583.500.....Urofollitropin
D06.472.699.631.525.425.....Growth Hormone
D06.472.699.631.525.425.875.....Human Growth Hormone
D06.472.699.631.525.525.....Prolactin
D06.472.699.631.525.600.....Pro-Opiomelanocortin
D06.472.699.631.525.600.119.....alpha-Endorphin
D06.472.699.631.525.600.179.....alpha-MSH
D06.472.699.631.525.600.239.....beta-Endorphin
D06.472.699.631.525.600.480.....beta-Lipotropin
D06.472.699.631.525.600.492.....beta-MSH
D06.472.699.631.525.600.498.....Corticotropin-Like Intermediate Lobe Peptide
D06.472.699.631.525.600.505.....gamma-Endorphin
D06.472.699.631.525.600.518.....gamma-Lipotropin
D06.472.699.631.525.600.524.....gamma-MSH
D06.472.699.631.525.600.531.....Melanocortins
D06.472.699.631.525.600.531.500.....Adrenocorticotrophic Hormone
D06.472.699.631.525.600.531.500.200.....Cosyntropin
D06.472.699.631.525.600.531.750.....Melanocyte-Stimulating Hormones
D06.472.699.631.525.600.531.750.050.....alpha-MSH
D06.472.699.631.525.600.531.750.075.....beta-MSH
D06.472.699.631.525.600.531.750.115.....gamma-MSH
D06.472.699.631.525.883.....Thyrotropin

## 2018 MeSH Tree Hierarchy

Tree location
D06.472.699.631.525.883.249.....Glycoprotein Hormones, alpha Subunit
D06.472.699.631.525.883.374.....Thyrotropin Alfa
D06.472.699.631.525.883.500.....Thyrotropin, beta Subunit
D06.472.699.631.692.....Pituitary Hormones, Posterior
D06.472.699.631.692.433.....Oxytocin
D06.472.699.631.692.781.....Vasopressins
D06.472.699.631.692.781.100.....Arginine Vasopressin
D06.472.699.631.692.781.100.250.....Deamino Arginine Vasopressin
D06.472.699.631.692.781.400.....Lypressin
D06.472.699.631.692.781.400.350.....Felypressin
D06.472.699.631.692.781.700.....Ornipressin
D06.472.699.631.692.881.....Vasotocin
D06.472.699.649.....Placental Hormones
D06.472.699.649.367.....Chorionic Gonadotropin
D06.472.699.649.367.125.....Chorionic Gonadotropin, beta Subunit, Human
D06.472.699.649.367.562.....Glycoprotein Hormones, alpha Subunit
D06.472.699.649.451.....Gonadotropins, Equine
D06.472.699.649.692.....Placental Lactogen
D06.472.699.715.....Relaxin
D06.472.699.810.....Secretin
D06.472.699.857.....Urocortins
D06.472.699.905.....Urotensins
D06.472.699.952.....Vasoactive Intestinal Peptide
D06.472.910.....Thymus Hormones
D06.472.910.750.....Thymic Factor, Circulating
D06.472.910.800.....Thymopietins
D06.472.910.800.850.....Thymopentin
D06.472.910.850.....Thymosin
D06.472.931.....Thyroid Hormones
D06.472.931.103.....Dextrothyroxine
D06.472.931.208.....Diiodotyrosine
D06.472.931.388.....Monoiodotyrosine
D06.472.931.669.....Thyroid (USP)
D06.472.931.740.....Thyronines
D06.472.931.740.180.....Diiodothyronines
D06.472.931.740.385.....Triiodothyronine
D06.472.931.740.590.....Triiodothyronine, Reverse
D06.472.931.812.....Thyroxine
D08.....Enzymes and Coenzymes
D08.211.....Coenzymes
D08.211.090.....Biopterin



## 2018 MeSH Tree Hierarchy

Tree location
D08.211.090.500.....Neopterin
D08.211.096.....Biotin
D08.211.175.....Cobamides
D08.211.211.....Coenzyme A
D08.211.211.300.....Acyl Coenzyme A
D08.211.211.300.075.....Acetyl Coenzyme A
D08.211.211.300.500.....Malonyl Coenzyme A
D08.211.211.300.700.....Palmitoyl Coenzyme A
D08.211.474.....Flavins
D08.211.474.650.....Riboflavin
D08.211.474.650.249.....Flavin-Adenine Dinucleotide
D08.211.474.650.500.....Flavin Mononucleotide
D08.211.589.....NAD
D08.211.625.....NADP
D08.211.682.....PQQ Cofactor
D08.211.740.....Pyridoxal Phosphate
D08.211.790.....Sphingolipid Activator Proteins
D08.211.790.249.....G(M2) Activator Protein
D08.211.790.500.....Saposins
D08.211.840.....Tetrahydrofolates
D08.211.840.300.....Formyltetrahydrofolates
D08.211.840.300.500.....Leucovorin
D08.211.878.....Thiamine Pyrophosphate
D08.211.906.....Thioctic Acid
D08.211.935.....Ubiquinone
D08.244.....Cytochromes
D08.244.175.....Cytochrome a Group
D08.244.175.249.....Cytochromes a
D08.244.175.500.....Cytochromes a1
D08.244.175.600.....Cytochromes a3
D08.244.187.....Cytochrome b Group
D08.244.187.249.....Cytochromes b
D08.244.187.500.....Cytochromes b5
D08.244.187.600.....Cytochromes b6
D08.244.286.....Cytochrome c Group
D08.244.286.100.....Cytochromes c
D08.244.286.150.....Cytochromes c'
D08.244.286.200.....Cytochromes c1
D08.244.286.300.....Cytochromes c2
D08.244.286.600.....Cytochromes c6
D08.244.300.....Cytochrome d Group

## 2018 MeSH Tree Hierarchy

Tree location
D08.244.453.....Cytochrome P-450 Enzyme System
D08.244.453.005.....Aryl Hydrocarbon Hydroxylases
D08.244.453.005.050.....Aniline Hydroxylase
D08.244.453.005.110.....Benzopyrene Hydroxylase
D08.244.453.005.332.....Cytochrome P-450 CYP1A1
D08.244.453.005.443.....Cytochrome P-450 CYP1A2
D08.244.453.005.500.....Cytochrome P-450 CYP1B1
D08.244.453.005.550.....Cytochrome P-450 CYP2B1
D08.244.453.005.575.....Cytochrome P-450 CYP2B6
D08.244.453.005.590.....Cytochrome P-450 CYP2C8
D08.244.453.005.600.....Cytochrome P-450 CYP2D6
D08.244.453.012.....Camphor 5-Monooxygenase
D08.244.453.100.....Cytochrome P450 Family 1
D08.244.453.100.500.....Cytochrome P-450 CYP1A1
D08.244.453.100.750.....Cytochrome P-450 CYP1A2
D08.244.453.100.875.....Cytochrome P-450 CYP1B1
D08.244.453.484.....Cytochrome P450 Family 11
D08.244.453.484.250.....Cholesterol Side-Chain Cleavage Enzyme
D08.244.453.484.500.....Cytochrome P-450 CYP11B2
D08.244.453.484.750.....Steroid 11-beta-Hydroxylase
D08.244.453.485.....Cytochrome P450 Family 12
D08.244.453.487.....Cytochrome P450 Family 17
D08.244.453.487.500.....Steroid 17-alpha-Hydroxylase
D08.244.453.489.....Cytochrome P450 Family 19
D08.244.453.489.500.....Aromatase
D08.244.453.491.....Cytochrome P450 Family 2
D08.244.453.491.250.....Cytochrome P-450 CYP2A6
D08.244.453.491.313.....Cytochrome P-450 CYP2B1
D08.244.453.491.344.....Cytochrome P-450 CYP2B6
D08.244.453.491.368.....Cytochrome P-450 CYP2C8
D08.244.453.491.372.....Cytochrome P-450 CYP2D6
D08.244.453.491.375.....Cytochrome P-450 CYP2E1
D08.244.453.491.500.....Limonene Hydroxylases
D08.244.453.491.500.500.....Cytochrome P-450 CYP2C9
D08.244.453.491.500.700.....Cytochrome P-450 CYP2C19
D08.244.453.493.....Cytochrome P450 Family 21
D08.244.453.493.500.....Steroid 21-Hydroxylase
D08.244.453.496.....Cytochrome P450 Family 24
D08.244.453.496.500.....Vitamin D3 24-Hydroxylase
D08.244.453.498.....Cytochrome P450 Family 26
D08.244.453.498.500.....Retinoic Acid 4-Hydroxylase

## 2018 MeSH Tree Hierarchy

Tree location
D08.244.453.499.....Cytochrome P450 Family 27
D08.244.453.499.500.....25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D08.244.453.499.750.....Cholestanetriol 26-Monooxygenase
D08.244.453.860.....Cytochrome P450 Family 3
D08.244.453.860.500.....Cytochrome P-450 CYP3A
D08.244.453.870.....Cytochrome P450 Family 4
D08.244.453.870.500.....Cytochrome P-450 CYP4A
D08.244.453.875.....Cytochrome P450 Family 46
D08.244.453.875.500.....Cholesterol 24-Hydroxylase
D08.244.453.878.....Cytochrome P450 Family 51
D08.244.453.878.500.....Sterol 14-Demethylase
D08.244.453.880.....Cytochrome P450 Family 6
D08.244.453.890.....Cytochrome P450 Family 7
D08.244.453.890.500.....Cholesterol 7-alpha-Hydroxylase
D08.244.453.900.....Cytochrome P450 Family 8
D08.244.453.900.500.....Steroid 12-alpha-Hydroxylase
D08.244.453.915.....Steroid Hydroxylases
D08.244.453.915.025.....Cholesterol 24-Hydroxylase
D08.244.453.915.050.....Cytochrome P-450 CYP11B2
D08.244.453.915.099.....Aromatase
D08.244.453.915.149.....Cholestanetriol 26-Monooxygenase
D08.244.453.915.200.....Cholesterol 7-alpha-Hydroxylase
D08.244.453.915.212.....Cholesterol Side-Chain Cleavage Enzyme
D08.244.453.915.400.....25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D08.244.453.915.730.....Steroid 12-alpha-Hydroxylase
D08.244.453.915.737.....Steroid 16-alpha-Hydroxylase
D08.244.453.915.748.....Steroid 17-alpha-Hydroxylase
D08.244.453.915.750.....Steroid 11-beta-Hydroxylase
D08.244.453.915.760.....Steroid 21-Hydroxylase
D08.244.453.915.880.....Sterol 14-Demethylase
D08.244.453.957.....Trans-Cinnamate 4-Monooxygenase
D08.244.726.....Cytochromes f
D08.622.....Enzyme Precursors
D08.622.184.....Chymotrypsinogen
D08.622.200.....Complement Factor B
D08.622.355.....Factor IX
D08.622.432.....Factor VII
D08.622.509.....Pepsinogens
D08.622.509.700.....Pepsinogen A
D08.622.509.725.....Pepsinogen C
D08.622.610.....Plasminogen

## 2018 MeSH Tree Hierarchy

Tree location
D08.622.610.500.....Angiostatins
D08.622.705.....Protein C
D08.622.709.....Prothrombin
D08.622.885.....Trypsinogen
D08.811.....Enzymes
D08.811.037.....Deubiquitinating Enzymes
D08.811.037.250.....Ataxin-3
D08.811.037.375.....Deubiquitinating Enzyme CYLD
D08.811.037.500.....Ubiquitin Thiolesterase
D08.811.037.500.500.....Ubiquitin-Specific Peptidase 7
D08.811.037.750.....Ubiquitin-Specific Proteases
D08.811.037.750.250.....COP9 Signalosome Complex
D08.811.037.750.500.....Tumor Necrosis Factor alpha-Induced Protein 3
D08.811.037.750.750.....Ubiquitin-Specific Peptidase 7
D08.811.074.....DNA Repair Enzymes
D08.811.074.062.....AlkB Enzymes
D08.811.074.062.500.....AlkB Homolog 1, Histone H2a Dioxygenase
D08.811.074.062.750.....AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase
D08.811.074.062.875.....AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase
D08.811.074.062.937.....AlkB Homolog 5, RNA Demethylase
D08.811.074.062.968.....Alpha-Ketoglutarate-Dependent Dioxygenase FTO
D08.811.074.124.....Deoxyribodipyrimidine Photo-Lyase
D08.811.074.249.....DNA Glycosylases
D08.811.074.249.500.....DNA-Formamidopyrimidine Glycosylase
D08.811.074.249.750.....Thymine DNA Glycosylase
D08.811.074.249.875.....Uracil-DNA Glycosidase
D08.811.074.500.....DNA Ligases
D08.811.074.500.500.....DNA Ligase ATP
D08.811.074.750.....DNA-(Apurinic or Apyrimidinic Site) Lyase
D08.811.074.766.....MutL Proteins
D08.811.074.766.250.....Mismatch Repair Endonuclease PMS2
D08.811.074.766.500.....MutL Protein Homolog 1
D08.811.074.844.....MutS Proteins
D08.811.074.844.500.....MutS DNA Mismatch-Binding Protein
D08.811.074.844.750.....MutS Homolog 2 Protein
D08.811.074.875.....Polynucleotide 5'-Hydroxyl-Kinase
D08.811.150.....DNA Restriction-Modification Enzymes
D08.811.150.240.....DNA Modification Methylases
D08.811.150.280.....DNA Restriction Enzymes
D08.811.150.280.250.....Deoxyribonucleases, Type I Site-Specific
D08.811.150.280.260.....Deoxyribonucleases, Type II Site-Specific

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.150.280.260.240.....Deoxyribonuclease BamHI
D08.811.150.280.260.300.....Deoxyribonuclease EcoRI
D08.811.150.280.260.400.....Deoxyribonuclease HindIII
D08.811.150.280.260.420.....Deoxyribonuclease HpaII
D08.811.150.280.270.....Deoxyribonucleases, Type III Site-Specific
D08.811.165.....DNA, Catalytic
D08.811.180.....Enzymes, Immobilized
D08.811.255.....Holoenzymes
D08.811.255.500.....Apoenzymes
D08.811.277.....Hydrolases
D08.811.277.040.....Acid Anhydride Hydrolases
D08.811.277.040.013.....AAA Proteins
D08.811.277.040.013.500.....ATPases Associated with Diverse Cellular Activities
D08.811.277.040.013.500.032.....ATP-Dependent Proteases
D08.811.277.040.013.500.032.099.....ATP-Dependent Endopeptidases
D08.811.277.040.013.500.032.099.500.....Endopeptidase Clp
D08.811.277.040.013.500.032.099.750.....Protease La
D08.811.277.040.013.500.063.....Dyneins
D08.811.277.040.013.500.250.....Katanin
D08.811.277.040.013.500.375.....N-Ethylmaleimide-Sensitive Proteins
D08.811.277.040.013.500.438.....Replication Protein C
D08.811.277.040.013.500.500.....Spastin
D08.811.277.040.013.500.750.....Valosin Containing Protein
D08.811.277.040.025.....Adenosine Triphosphatases
D08.811.277.040.025.024.....ATPases Associated with Diverse Cellular Activities
D08.811.277.040.025.024.032.....ATP-Dependent Proteases
D08.811.277.040.025.024.032.099.....ATP-Dependent Endopeptidases
D08.811.277.040.025.024.032.099.500.....Endopeptidase Clp
D08.811.277.040.025.024.032.099.750.....Protease La
D08.811.277.040.025.024.063.....Dyneins
D08.811.277.040.025.024.250.....Katanin
D08.811.277.040.025.024.375.....N-Ethylmaleimide-Sensitive Proteins
D08.811.277.040.025.024.438.....Replication Protein C
D08.811.277.040.025.024.500.....Spastin
D08.811.277.040.025.024.750.....Valosin Containing Protein
D08.811.277.040.025.047.....Arsenite Transporting ATPases
D08.811.277.040.025.095.....Ca(2+) Mg(2+)-ATPase
D08.811.277.040.025.142.....Chaperonins
D08.811.277.040.025.142.500.....Group I Chaperonins
D08.811.277.040.025.142.500.500.....Chaperonin 60
D08.811.277.040.025.142.750.....Group II Chaperonins

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.040.025.142.750.500.....Chaperonin Containing TCP-1
D08.811.277.040.025.142.750.750.....Thermosomes
D08.811.277.040.025.159.....DNA Helicases
D08.811.277.040.025.159.124.....DnaB Helicases
D08.811.277.040.025.159.155.....Ku Autoantigen
D08.811.277.040.025.159.186.....Minichromosome Maintenance Proteins
D08.811.277.040.025.159.186.200.....Minichromosome Maintenance Complex Component 2
D08.811.277.040.025.159.186.300.....Minichromosome Maintenance Complex Component 3
D08.811.277.040.025.159.186.400.....Minichromosome Maintenance Complex Component 4
D08.811.277.040.025.159.186.500.....Minichromosome Maintenance Complex Component 5
D08.811.277.040.025.159.186.600.....Minichromosome Maintenance Complex Component 6
D08.811.277.040.025.159.186.700.....Minichromosome Maintenance Complex Component 7
D08.811.277.040.025.159.186.800.....Minichromosome Maintenance Complex Component 8
D08.811.277.040.025.159.186.900.....Minichromosome Maintenance Complex Component 9
D08.811.277.040.025.159.249.....RecQ Helicases
D08.811.277.040.025.159.249.500.....Werner Syndrome Helicase
D08.811.277.040.025.159.500.....Xeroderma Pigmentosum Group D Protein
D08.811.277.040.025.176.....Mi-2 Nucleosome Remodeling and Deacetylase Complex
D08.811.277.040.025.193.....Molecular Motor Proteins
D08.811.277.040.025.193.249.....Dyneins
D08.811.277.040.025.193.249.500.....Axonemal Dyneins
D08.811.277.040.025.193.249.750.....Cytoplasmic Dyneins
D08.811.277.040.025.193.500.....Kinesin
D08.811.277.040.025.193.750.....Myosins
D08.811.277.040.025.193.750.249.....Myosin Heavy Chains
D08.811.277.040.025.193.750.500.....Myosin Type I
D08.811.277.040.025.193.750.750.....Myosin Type II
D08.811.277.040.025.193.750.750.124.....Cardiac Myosins
D08.811.277.040.025.193.750.750.124.249.....Atrial Myosins
D08.811.277.040.025.193.750.750.124.500.....Ventricular Myosins
D08.811.277.040.025.193.750.750.374.....Nonmuscle Myosin Type IIA
D08.811.277.040.025.193.750.750.500.....Nonmuscle Myosin Type IIB
D08.811.277.040.025.193.750.750.750.....Skeletal Muscle Myosins
D08.811.277.040.025.193.750.750.875.....Smooth Muscle Myosins
D08.811.277.040.025.193.750.812.....Myosin Type III
D08.811.277.040.025.193.750.843.....Myosin Type IV
D08.811.277.040.025.193.750.875.....Myosin Type V
D08.811.277.040.025.215.....MutL Proteins
D08.811.277.040.025.215.250.....Mismatch Repair Endonuclease PMS2
D08.811.277.040.025.215.500.....MutL Protein Homolog 1
D08.811.277.040.025.292.....MutS Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.040.025.292.500.....MutS DNA Mismatch-Binding Protein
D08.811.277.040.025.292.750.....MutS Homolog 2 Protein
D08.811.277.040.025.314.....P-type ATPases
D08.811.277.040.025.314.250.....Calcium-Transporting ATPases
D08.811.277.040.025.314.250.249.....Plasma Membrane Calcium-Transporting ATPases
D08.811.277.040.025.314.250.500.....Sarcoplasmic Reticulum Calcium-Transporting ATPases
D08.811.277.040.025.314.500.....Copper-transporting ATPases
D08.811.277.040.025.314.625.....H(+)-K(+)-Exchanging ATPase
D08.811.277.040.025.314.750.....Sodium-Potassium-Exchanging ATPase
D08.811.277.040.025.325.....Proton-Translocating ATPases
D08.811.277.040.025.325.249.....Bacterial Proton-Translocating ATPases
D08.811.277.040.025.325.500.....Chloroplast Proton-Translocating ATPases
D08.811.277.040.025.325.750.....Mitochondrial Proton-Translocating ATPases
D08.811.277.040.025.325.875.....Vacuolar Proton-Translocating ATPases
D08.811.277.040.050.....Apyrase
D08.811.277.040.330.....GTP Phosphohydrolases
D08.811.277.040.330.200.....Dynamins
D08.811.277.040.330.200.100.....Dynamamin I
D08.811.277.040.330.200.200.....Dynamamin II
D08.811.277.040.330.200.300.....Dynamamin III
D08.811.277.040.330.300.....GTP-Binding Proteins
D08.811.277.040.330.300.100.....GTP Phosphohydrolase-Linked Elongation Factors
D08.811.277.040.330.300.100.101.....Peptide Elongation Factor 1
D08.811.277.040.330.300.100.102.....Peptide Elongation Factor 2
D08.811.277.040.330.300.100.200.....Peptide Elongation Factor G
D08.811.277.040.330.300.100.700.....Peptide Elongation Factor Tu
D08.811.277.040.330.300.200.....Heterotrimeric GTP-Binding Proteins
D08.811.277.040.330.300.200.100.....GTP-Binding Protein alpha Subunits
D08.811.277.040.330.300.200.100.100.....GTP-Binding Protein alpha Subunits, G12-G13
D08.811.277.040.330.300.200.100.200.....GTP-Binding Protein alpha Subunits, Gi-Go
D08.811.277.040.330.300.200.100.200.500.....GTP-Binding Protein alpha Subunit, Gi2
D08.811.277.040.330.300.200.100.300.....GTP-Binding Protein alpha Subunits, Gq-G11
D08.811.277.040.330.300.200.100.400.....GTP-Binding Protein alpha Subunits, Gs
D08.811.277.040.330.300.200.800.....Transducin
D08.811.277.040.330.300.400.....Monomeric GTP-Binding Proteins
D08.811.277.040.330.300.400.100.....ADP-Ribosylation Factors
D08.811.277.040.330.300.400.100.100.....ADP-Ribosylation Factor 1
D08.811.277.040.330.300.400.400.....rab GTP-Binding Proteins
D08.811.277.040.330.300.400.400.025.....rab1 GTP-Binding Proteins
D08.811.277.040.330.300.400.400.050.....rab2 GTP-Binding Protein
D08.811.277.040.330.300.400.400.075.....rab27 GTP-Binding Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.040.330.300.400.400.100.....rab3 GTP-Binding Proteins
D08.811.277.040.330.300.400.400.100.500.....rab3A GTP-Binding Protein
D08.811.277.040.330.300.400.400.150.....rab4 GTP-Binding Proteins
D08.811.277.040.330.300.400.400.200.....rab5 GTP-Binding Proteins
D08.811.277.040.330.300.400.450.....ral GTP-Binding Proteins
D08.811.277.040.330.300.400.462.....ran GTP-Binding Protein
D08.811.277.040.330.300.400.475.....rap GTP-Binding Proteins
D08.811.277.040.330.300.400.475.100.....rap1 GTP-Binding Proteins
D08.811.277.040.330.300.400.488.....Ras Homolog Enriched in Brain Protein
D08.811.277.040.330.300.400.500.....ras Proteins
D08.811.277.040.330.300.400.500.300.....Oncogene Protein p21(ras)
D08.811.277.040.330.300.400.500.600.....Proto-Oncogene Proteins p21(ras)
D08.811.277.040.330.300.400.700.....rho GTP-Binding Proteins
D08.811.277.040.330.300.400.700.050.....cdc42 GTP-Binding Protein
D08.811.277.040.330.300.400.700.060.....cdc42 GTP-Binding Protein, <i>Saccharomyces cerevisiae</i>
D08.811.277.040.330.300.400.700.100.....rac GTP-Binding Proteins
D08.811.277.040.330.300.400.700.100.500.....rac1 GTP-Binding Protein
D08.811.277.040.330.300.400.700.200.....rhoA GTP-Binding Protein
D08.811.277.040.330.300.400.700.300.....rhoB GTP-Binding Protein
D08.811.277.040.330.300.400.700.650.....rhoC GTP-Binding Protein
D08.811.277.040.330.300.550.....Myxovirus Resistance Proteins
D08.811.277.040.330.300.700.....Septins
D08.811.277.040.465.....Nucleoside-Triphosphatase
D08.811.277.040.600.....Pyrophosphatases
D08.811.277.040.600.399.....Inorganic Pyrophosphatase
D08.811.277.040.600.800.....Thiamine Pyrophosphatase
D08.811.277.040.725.....SAM Domain and HD Domain-Containing Protein 1
D08.811.277.040.850.....Thiamin-Triphosphatase
D08.811.277.063.....Adenosylhomocysteinase
D08.811.277.087.....Amidohydrolases
D08.811.277.087.030.....N-Acetylmuramoyl-L-alanine Amidase
D08.811.277.087.060.....Allophanate Hydrolase
D08.811.277.087.100.....Arylformamidase
D08.811.277.087.116.....Asparaginase
D08.811.277.087.125.....Aspartylglucosylaminase
D08.811.277.087.180.....beta-Lactamases
D08.811.277.087.180.229.....Cephalosporinase
D08.811.277.087.180.697.....Penicillinase
D08.811.277.087.200.....Biotinidase
D08.811.277.087.250.....Ceramidases
D08.811.277.087.250.100.....Acid Ceramidase



## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.087.250.300.....Alkaline Ceramidase
D08.811.277.087.250.650.....Neutral Ceramidase
D08.811.277.087.280.....Dihydroorotase
D08.811.277.087.483.....Glutaminase
D08.811.277.087.520.....Histone Deacetylases
D08.811.277.087.520.200.....Group III Histone Deacetylases
D08.811.277.087.520.200.650.....Sirtuins
D08.811.277.087.520.200.650.100.....Sirtuin 1
D08.811.277.087.520.200.650.200.....Sirtuin 2
D08.811.277.087.520.200.650.600.....Sirtuin 3
D08.811.277.087.520.350.....Histone Deacetylase 6
D08.811.277.087.520.500.....Mi-2 Nucleosome Remodeling and Deacetylase Complex
D08.811.277.087.520.500.100.....Histone Deacetylase 1
D08.811.277.087.520.500.200.....Histone Deacetylase 2
D08.811.277.087.520.500.775.....Retinoblastoma-Binding Protein 4
D08.811.277.087.520.500.887.....Retinoblastoma-Binding Protein 7
D08.811.277.087.520.750.....Sin3 Histone Deacetylase and Corepressor Complex
D08.811.277.087.520.750.100.....Histone Deacetylase 1
D08.811.277.087.520.750.200.....Histone Deacetylase 2
D08.811.277.087.520.750.775.....Retinoblastoma-Binding Protein 4
D08.811.277.087.520.750.887.....Retinoblastoma-Binding Protein 7
D08.811.277.087.610.....Nicotinamidase
D08.811.277.087.690.....Penicillin Amidase
D08.811.277.087.725.....Peptide-N4-(N-acetyl-beta-glucosaminy) Asparagine Amidase
D08.811.277.087.760.....Pyroglutamate Hydrolase
D08.811.277.087.902.....Urease
D08.811.277.151.....Aminohydrolases
D08.811.277.151.300.....GTP Cyclohydrolase
D08.811.277.151.350.....Guanine Deaminase
D08.811.277.151.418.....Methenyltetrahydrofolate Cyclohydrolase
D08.811.277.151.486.....Nucleoside Deaminases
D08.811.277.151.486.075.....Adenosine Deaminase
D08.811.277.151.486.250.....Cytidine Deaminase
D08.811.277.151.486.250.500.....APOBEC Deaminases
D08.811.277.151.486.250.500.500.....APOBEC-1 Deaminase
D08.811.277.151.486.250.500.750.....APOBEC-3G Deaminase
D08.811.277.151.486.625.....Cytosine Deaminase
D08.811.277.151.653.....Nucleotide Deaminases
D08.811.277.151.653.060.....AMP Deaminase
D08.811.277.151.653.200.....DCMP Deaminase
D08.811.277.300.....Complement Activating Enzymes

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.300.280.....Complement C1r
D08.811.277.300.290.....Complement C1s
D08.811.277.300.450.....Complement Factor D
D08.811.277.340.....Epoxide Hydrolases
D08.811.277.352.....Esterases
D08.811.277.352.100.....Carboxylic Ester Hydrolases
D08.811.277.352.100.050.....Acylesterase
D08.811.277.352.100.100.....Carboxylesterase
D08.811.277.352.100.170.....Cholinesterases
D08.811.277.352.100.170.176.....Acetylcholinesterase
D08.811.277.352.100.170.250.....Butyrylcholinesterase
D08.811.277.352.100.220.....Dehydroascorbate
D08.811.277.352.100.400.....Lipase
D08.811.277.352.100.400.745.....Pancrelipase
D08.811.277.352.100.430.....Lipoprotein Lipase
D08.811.277.352.100.500.....Monoacylglycerol Lipases
D08.811.277.352.100.550.....Naphthol AS D Esterase
D08.811.277.352.100.680.....Phospholipases
D08.811.277.352.100.680.510.....Lysophospholipase
D08.811.277.352.100.680.750.....Phospholipases A
D08.811.277.352.100.680.750.875.....Phospholipases A1
D08.811.277.352.100.680.750.937.....Phospholipases A2
D08.811.277.352.100.680.750.937.249.....1-Alkyl-2-acetylglycerophosphocholine Esterase
D08.811.277.352.100.680.750.937.300.....Phospholipases A2, Calcium-Independent
D08.811.277.352.100.680.750.937.300.249.....Group VI Phospholipases A2
D08.811.277.352.100.680.750.937.300.500.....Peroxioredoxin VI
D08.811.277.352.100.680.750.937.625.....Phospholipases A2, Cytosolic
D08.811.277.352.100.680.750.937.625.249.....Group IV Phospholipases A2
D08.811.277.352.100.680.750.937.625.624.....Peroxioredoxin VI
D08.811.277.352.100.680.750.937.750.....Phospholipases A2, Secretory
D08.811.277.352.100.680.750.937.750.100.....Group I Phospholipases A2
D08.811.277.352.100.680.750.937.750.100.500.....Group IA Phospholipases A2
D08.811.277.352.100.680.750.937.750.100.750.....Group IB Phospholipases A2
D08.811.277.352.100.680.750.937.750.550.....Group II Phospholipases A2
D08.811.277.352.100.680.750.937.750.662.....Group III Phospholipases A2
D08.811.277.352.100.680.750.937.750.775.....Group V Phospholipases A2
D08.811.277.352.100.680.750.937.750.887.....Group X Phospholipases A2
D08.811.277.352.100.700.....Sterol Esterase
D08.811.277.352.335.....Deoxyribonucleases
D08.811.277.352.335.350.....Endodeoxyribonucleases
D08.811.277.352.335.350.137.....Deoxyribonuclease (Pyrimidine Dimer)

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.352.335.350.250.....Deoxyribonuclease I
D08.811.277.352.335.350.250.900.....Streptodornase and Streptokinase
D08.811.277.352.335.350.275.....Deoxyribonuclease IV (Phage T4-Induced)
D08.811.277.352.335.350.300.....DNA Restriction Enzymes
D08.811.277.352.335.350.300.250.....Deoxyribonucleases, Type I Site-Specific
D08.811.277.352.335.350.300.260.....Deoxyribonucleases, Type II Site-Specific
D08.811.277.352.335.350.300.260.240.....Deoxyribonuclease BamHI
D08.811.277.352.335.350.300.260.250.....Deoxyribonuclease EcoRI
D08.811.277.352.335.350.300.260.260.....Deoxyribonuclease HindIII
D08.811.277.352.335.350.300.260.300.....Deoxyribonuclease HpaII
D08.811.277.352.335.350.300.270.....Deoxyribonucleases, Type III Site-Specific
D08.811.277.352.335.350.400.....Holliday Junction Resolvases
D08.811.277.352.335.350.500.....Micrococcal Nuclease
D08.811.277.352.335.350.600.....Mismatch Repair Endonuclease PMS2
D08.811.277.352.335.350.650.....MRE11 Homologue Protein
D08.811.277.352.335.350.700.....Single-Strand Specific DNA and RNA Endonucleases
D08.811.277.352.335.350.850.....Transcription Activator-Like Effector Nucleases
D08.811.277.352.335.350.925.....Zinc Finger Nucleases
D08.811.277.352.335.375.....Exodeoxyribonucleases
D08.811.277.352.335.375.750.....Exodeoxyribonuclease V
D08.811.277.352.335.375.813.....MRE11 Homologue Protein
D08.811.277.352.335.375.875.....Werner Syndrome Helicase
D08.811.277.352.355.....Endonucleases
D08.811.277.352.355.325.....Endodeoxyribonucleases
D08.811.277.352.355.325.300.....DNA Restriction Enzymes
D08.811.277.352.355.325.300.250.....Deoxyribonucleases, Type I Site-Specific
D08.811.277.352.355.325.300.260.....Deoxyribonucleases, Type II Site-Specific
D08.811.277.352.355.325.300.260.240.....Deoxyribonuclease BamHI
D08.811.277.352.355.325.300.260.250.....Deoxyribonuclease EcoRI
D08.811.277.352.355.325.300.260.260.....Deoxyribonuclease HindIII
D08.811.277.352.355.325.300.260.300.....Deoxyribonuclease HpaII
D08.811.277.352.355.325.300.270.....Deoxyribonucleases, Type III Site-Specific
D08.811.277.352.355.325.350.....Flap Endonucleases
D08.811.277.352.355.325.400.....Holliday Junction Resolvases
D08.811.277.352.355.325.500.....Micrococcal Nuclease
D08.811.277.352.355.325.600.....MRE11 Homologue Protein
D08.811.277.352.355.325.700.....Single-Strand Specific DNA and RNA Endonucleases
D08.811.277.352.355.325.850.....Zinc Finger Nucleases
D08.811.277.352.355.350.....Endoribonucleases
D08.811.277.352.355.350.500.....Micrococcal Nuclease
D08.811.277.352.355.350.700.....Ribonuclease H

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.277.352.355.350.700.500.....	Ribonuclease H, Human Immunodeficiency Virus
D08.811.277.352.355.350.715.....	Ribonuclease, Pancreatic
D08.811.277.352.355.350.725.....	Ribonuclease T1
D08.811.277.352.355.350.810.....	RNA-Induced Silencing Complex
D08.811.277.352.355.350.810.500.....	Argonaute Proteins
D08.811.277.352.355.350.820.....	Single-Strand Specific DNA and RNA Endonucleases
D08.811.277.352.365.....	Exonucleases
D08.811.277.352.365.290.....	Exodeoxyribonucleases
D08.811.277.352.365.290.250.....	MRE11 Homologue Protein
D08.811.277.352.365.290.500.....	Werner Syndrome Helicase
D08.811.277.352.365.300.....	Exoribonucleases
D08.811.277.352.640.....	Phosphoric Diester Hydrolases
D08.811.277.352.640.050.....	Annexin A3
D08.811.277.352.640.150.....	3',5'-Cyclic-AMP Phosphodiesterases
D08.811.277.352.640.150.100.....	Cyclic Nucleotide Phosphodiesterases, Type 1
D08.811.277.352.640.150.200.....	Cyclic Nucleotide Phosphodiesterases, Type 2
D08.811.277.352.640.150.300.....	Cyclic Nucleotide Phosphodiesterases, Type 3
D08.811.277.352.640.150.400.....	Cyclic Nucleotide Phosphodiesterases, Type 4
D08.811.277.352.640.150.500.....	Cyclic Nucleotide Phosphodiesterases, Type 5
D08.811.277.352.640.150.600.....	Cyclic Nucleotide Phosphodiesterases, Type 6
D08.811.277.352.640.150.700.....	Cyclic Nucleotide Phosphodiesterases, Type 7
D08.811.277.352.640.155.....	3',5'-Cyclic-GMP Phosphodiesterases
D08.811.277.352.640.155.100.....	Cyclic Nucleotide Phosphodiesterases, Type 1
D08.811.277.352.640.155.200.....	Cyclic Nucleotide Phosphodiesterases, Type 2
D08.811.277.352.640.155.500.....	Cyclic Nucleotide Phosphodiesterases, Type 5
D08.811.277.352.640.155.750.....	Cyclic Nucleotide Phosphodiesterases, Type 6
D08.811.277.352.640.160.....	2',3'-Cyclic-Nucleotide Phosphodiesterases
D08.811.277.352.640.160.500.....	2',3'-Cyclic Nucleotide 3'-Phosphodiesterase
D08.811.277.352.640.295.....	Glycerophosphoinositol Inositolphosphodiesterase
D08.811.277.352.640.430.....	Phosphodiesterase I
D08.811.277.352.640.700.....	Phospholipases
D08.811.277.352.640.700.700.....	Type C Phospholipases
D08.811.277.352.640.700.700.249.....	Glycosylphosphatidylinositol Diacylglycerol-Lyase
D08.811.277.352.640.700.700.500.....	Phosphatidylinositol Diacylglycerol-Lyase
D08.811.277.352.640.700.700.562.....	Phosphoinositide Phospholipase C
D08.811.277.352.640.700.700.562.500.....	Phospholipase C beta
D08.811.277.352.640.700.700.562.625.....	Phospholipase C delta
D08.811.277.352.640.700.700.562.750.....	Phospholipase C gamma
D08.811.277.352.640.700.710.....	Phospholipase D
D08.811.277.352.640.750.....	Sphingomyelin Phosphodiesterase
D08.811.277.352.650.....	Phosphoric Monoester Hydrolases

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.352.650.025.....Acid Phosphatase
D08.811.277.352.650.025.500.....Tartrate-Resistant Acid Phosphatase
D08.811.277.352.650.035.....Alkaline Phosphatase
D08.811.277.352.650.200.....Fructose-Bisphosphatase
D08.811.277.352.650.225.....Glucose-6-Phosphatase
D08.811.277.352.650.300.....Histidinol-Phosphatase
D08.811.277.352.650.575.....4-Nitrophenylphosphatase
D08.811.277.352.650.587.....Mitogen-Activated Protein Kinase Phosphatases
D08.811.277.352.650.587.200.....Dual Specificity Phosphatase 1
D08.811.277.352.650.587.250.....Dual Specificity Phosphatase 2
D08.811.277.352.650.587.300.....Dual Specificity Phosphatase 3
D08.811.277.352.650.587.600.....Dual Specificity Phosphatase 6
D08.811.277.352.650.600.....Nucleotidases
D08.811.277.352.650.600.600.....5'-Nucleotidase
D08.811.277.352.650.620.....Phosphatidate Phosphatase
D08.811.277.352.650.622.....Phosphofructokinase-2
D08.811.277.352.650.624.....Phosphoinositide Phosphatases
D08.811.277.352.650.624.500.....Inositol Polyphosphate 5-Phosphatases
D08.811.277.352.650.624.750.....Phosphatidylinositol-3,4,5-Trisphosphate 5-Phosphatases
D08.811.277.352.650.625.....Phosphoprotein Phosphatases
D08.811.277.352.650.625.150.....Calcineurin
D08.811.277.352.650.625.225.....Dual-Specificity Phosphatases
D08.811.277.352.650.625.225.100.....cdc25 Phosphatases
D08.811.277.352.650.625.225.200.....Dual Specificity Phosphatase 1
D08.811.277.352.650.625.225.250.....Dual Specificity Phosphatase 2
D08.811.277.352.650.625.225.300.....Dual Specificity Phosphatase 3
D08.811.277.352.650.625.225.600.....Dual Specificity Phosphatase 6
D08.811.277.352.650.625.300.....Glycogen-Synthase-D Phosphatase
D08.811.277.352.650.625.475.....Myosin-Light-Chain Phosphatase
D08.811.277.352.650.625.650.....Phosphorylase Phosphatase
D08.811.277.352.650.625.687.....Protein Phosphatase 1
D08.811.277.352.650.625.706.....Protein Phosphatase 2
D08.811.277.352.650.625.716.....Protein Phosphatase 2C
D08.811.277.352.650.625.725.....Pyruvate Dehydrogenase (Lipoamide)-Phosphatase
D08.811.277.352.650.625.862.....Tartrate-Resistant Acid Phosphatase
D08.811.277.352.650.700.....6-Phytase
D08.811.277.352.650.775.....Protein Tyrosine Phosphatases
D08.811.277.352.650.775.250.....Dual-Specificity Phosphatases
D08.811.277.352.650.775.250.100.....cdc25 Phosphatases
D08.811.277.352.650.775.250.200.....Dual Specificity Phosphatase 1
D08.811.277.352.650.775.250.250.....Dual Specificity Phosphatase 2

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.352.650.775.250.300.....Dual Specificity Phosphatase 3
D08.811.277.352.650.775.250.600.....Dual Specificity Phosphatase 6
D08.811.277.352.650.775.300.....Protein Tyrosine Phosphatases, Non-Receptor
D08.811.277.352.650.775.300.100.....Protein Tyrosine Phosphatase, Non-Receptor Type 1
D08.811.277.352.650.775.300.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 2
D08.811.277.352.650.775.300.300.....Protein Tyrosine Phosphatase, Non-Receptor Type 3
D08.811.277.352.650.775.300.400.....Protein Tyrosine Phosphatase, Non-Receptor Type 4
D08.811.277.352.650.775.300.600.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D08.811.277.352.650.775.300.800.....Protein Tyrosine Phosphatase, Non-Receptor Type 11
D08.811.277.352.650.775.300.850.....Protein Tyrosine Phosphatase, Non-Receptor Type 12
D08.811.277.352.650.775.300.860.....Protein Tyrosine Phosphatase, Non-Receptor Type 13
D08.811.277.352.650.775.300.930.....Protein Tyrosine Phosphatase, Non-Receptor Type 22
D08.811.277.352.650.775.400.....Receptor-Like Protein Tyrosine Phosphatases
D08.811.277.352.650.775.400.100.....Receptor-Like Protein Tyrosine Phosphatases, Class 1
D08.811.277.352.650.775.400.100.500.....Leukocyte Common Antigens
D08.811.277.352.650.775.400.200.....Receptor-Like Protein Tyrosine Phosphatases, Class 2
D08.811.277.352.650.775.400.300.....Receptor-Like Protein Tyrosine Phosphatases, Class 3
D08.811.277.352.650.775.400.400.....Receptor-Like Protein Tyrosine Phosphatases, Class 4
D08.811.277.352.650.775.400.500.....Receptor-Like Protein Tyrosine Phosphatases, Class 5
D08.811.277.352.650.775.400.700.....Receptor-Like Protein Tyrosine Phosphatases, Class 7
D08.811.277.352.650.775.400.800.....Receptor-Like Protein Tyrosine Phosphatases, Class 8
D08.811.277.352.650.775.700.....SH2 Domain-Containing Protein Tyrosine Phosphatases
D08.811.277.352.650.775.700.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D08.811.277.352.650.775.700.800.....Protein Tyrosine Phosphatase, Non-Receptor Type 11
D08.811.277.352.650.850.....PTEN Phosphohydrolase
D08.811.277.352.660.....Phosphoric Triester Hydrolases
D08.811.277.352.660.500.....Aryldialkylphosphatase
D08.811.277.352.700.....Ribonucleases
D08.811.277.352.700.350.....Endoribonucleases
D08.811.277.352.700.350.262.....Eosinophil Cationic Protein
D08.811.277.352.700.350.381.....Eosinophil-Derived Neurotoxin
D08.811.277.352.700.350.500.....Micrococcal Nuclease
D08.811.277.352.700.350.700.....Ribonuclease H
D08.811.277.352.700.350.700.500.....Ribonuclease H, Human Immunodeficiency Virus
D08.811.277.352.700.350.707.....Ribonuclease III
D08.811.277.352.700.350.711.....Ribonuclease P
D08.811.277.352.700.350.715.....Ribonuclease, Pancreatic
D08.811.277.352.700.350.725.....Ribonuclease T1
D08.811.277.352.700.350.810.....RNA-Induced Silencing Complex
D08.811.277.352.700.350.810.500.....Argonaute Proteins
D08.811.277.352.700.350.850.....Single-Strand Specific DNA and RNA Endonucleases

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.352.700.375.....Exoribonucleases
D08.811.277.352.700.687.....Exosome Multienzyme Ribonuclease Complex
D08.811.277.352.700.843.....SAM Domain and HD Domain-Containing Protein 1
D08.811.277.352.827.....Sulfatases
D08.811.277.352.827.070.....Arylsulfatases
D08.811.277.352.827.070.060.....N-Acetylgalactosamine-4-Sulfatase
D08.811.277.352.827.070.250.....Cerebroside-Sulfatase
D08.811.277.352.827.070.625.....Steryl-Sulfatase
D08.811.277.352.827.180.....Chondroitinases and Chondroitin Lyases
D08.811.277.352.827.180.175.....Chondroitinsulfatases
D08.811.277.352.827.180.175.060.....N-Acetylgalactosamine-4-Sulfatase
D08.811.277.352.827.180.175.275.....Chondro-4-Sulfatase
D08.811.277.352.827.500.....Iduronate Sulfatase
D08.811.277.352.897.....Thiolester Hydrolases
D08.811.277.352.897.075.....Acetyl-CoA Hydrolase
D08.811.277.352.897.387.....Fatty Acid Synthases
D08.811.277.352.897.387.100.....Fatty Acid Synthase, Type I
D08.811.277.352.897.387.200.....Fatty Acid Synthase, Type II
D08.811.277.352.897.700.....Palmitoyl-CoA Hydrolase
D08.811.277.352.897.850.....Ubiquitin Thiolesterase
D08.811.277.352.897.850.500.....Ubiquitin-Specific Peptidase 7
D08.811.277.450.....Glycoside Hydrolases
D08.811.277.450.050.....alpha-L-Fucosidase
D08.811.277.450.066.....Amylases
D08.811.277.450.066.050.....alpha-Amylases
D08.811.277.450.066.050.249.....Pancreatic alpha-Amylases
D08.811.277.450.066.050.500.....Salivary alpha-Amylases
D08.811.277.450.066.100.....beta-Amylase
D08.811.277.450.114.....beta-Fructofuranosidase
D08.811.277.450.207.....Chitinases
D08.811.277.450.207.500.....Chitinase-3-Like Protein 1
D08.811.277.450.283.....Dextranase
D08.811.277.450.329.....Disaccharidases
D08.811.277.450.329.738.....Sucrase
D08.811.277.450.329.738.700.....Sucrase-Isomaltase Complex
D08.811.277.450.329.865.....Trehalase
D08.811.277.450.410.....Galactosidases
D08.811.277.450.410.050.....alpha-Galactosidase
D08.811.277.450.410.100.....beta-Galactosidase
D08.811.277.450.410.100.500.....Lactase
D08.811.277.450.410.100.500.500.....Lactase-Phlorizin Hydrolase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.450.410.120.....Galactosylceramidase
D08.811.277.450.410.150.....Galactosylgalactosylglucosylceramidase
D08.811.277.450.420.....Glucosidases
D08.811.277.450.420.050.....alpha-Glucosidases
D08.811.277.450.420.200.....Cellulases
D08.811.277.450.420.200.100.....beta-Glucosidase
D08.811.277.450.420.200.200.....Cellulase
D08.811.277.450.420.200.400.....Cellulose 1,4-beta-Cellobiosidase
D08.811.277.450.420.200.450.....Endo-1,3(4)-beta-Glucanase
D08.811.277.450.420.200.500.....Glucan 1,3-beta-Glucosidase
D08.811.277.450.420.200.550.....Glucan 1,4-beta-Glucosidase
D08.811.277.450.420.200.600.....Glucan Endo-1,3-beta-D-Glucosidase
D08.811.277.450.420.375.....Glucan 1,4-alpha-Glucosidase
D08.811.277.450.420.412.....Glucosylceramidase
D08.811.277.450.420.450.....Glycogen Debranching Enzyme System
D08.811.277.450.420.475.....Lactase-Phlorizin Hydrolase
D08.811.277.450.426.....Glucuronidase
D08.811.277.450.430.....N-Glycosyl Hydrolases
D08.811.277.450.430.099.....DNA Glycosylases
D08.811.277.450.430.099.500.....DNA-Formamidopyrimidine Glycosylase
D08.811.277.450.430.099.750.....Thymine DNA Glycosylase
D08.811.277.450.430.400.....NAD+ Nucleosidase
D08.811.277.450.430.400.060.....ADP-ribosyl Cyclase
D08.811.277.450.430.400.060.500.....ADP-ribosyl Cyclase 1
D08.811.277.450.430.700.....Ribosome Inactivating Proteins
D08.811.277.450.430.700.500.....Ribosome Inactivating Proteins, Type 1
D08.811.277.450.430.700.750.....Ribosome Inactivating Proteins, Type 2
D08.811.277.450.430.700.750.111.....Abrin
D08.811.277.450.430.700.750.666.....Ricin
D08.811.277.450.430.700.750.750.....Shiga Toxins
D08.811.277.450.430.700.750.750.100.....Shiga Toxin
D08.811.277.450.430.700.750.750.120.....Shiga Toxin 1
D08.811.277.450.430.700.750.750.124.....Shiga Toxin 2
D08.811.277.450.483.....Hexosaminidases
D08.811.277.450.483.044.....alpha-N-Acetylgalactosaminidase
D08.811.277.450.483.112.....beta-N-Acetyl-Galactosaminidase
D08.811.277.450.483.180.....beta-N-Acetylhexosaminidases
D08.811.277.450.483.180.500.....Acetylglucosaminidase
D08.811.277.450.483.180.750.....Hexosaminidase A
D08.811.277.450.483.180.750.500.....beta-Hexosaminidase alpha Chain
D08.811.277.450.483.180.750.750.....beta-Hexosaminidase beta Chain



## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.450.483.180.875.....Hexosaminidase B
D08.811.277.450.483.180.875.500.....beta-Hexosaminidase beta Chain
D08.811.277.450.483.765.....Mannosyl-Glycoprotein Endo-beta-N-Acetylglucosaminidase
D08.811.277.450.529.....Hyaluronoglucosaminidase
D08.811.277.450.560.....Iduronidase
D08.811.277.450.585.....Isoamylase
D08.811.277.450.625.....Mannosidases
D08.811.277.450.625.500.....alpha-Mannosidase
D08.811.277.450.625.750.....beta-Mannosidase
D08.811.277.450.642.....Muramidase
D08.811.277.450.692.....Neuraminidase
D08.811.277.450.770.....Oligo-1,6-Glucosidase
D08.811.277.450.770.800.....Sucrase-Isomaltase Complex
D08.811.277.450.800.....Polygalacturonase
D08.811.277.450.950.....Xylosidases
D08.811.277.450.950.249.....Endo-1,4-beta Xylanases
D08.811.277.450.950.500.....Xylan Endo-1,3-beta-Xylosidase
D08.811.277.610.....Pancreatin
D08.811.277.656.....Peptide Hydrolases
D08.811.277.656.074.....Aspartic Acid Proteases
D08.811.277.656.074.500.....Aspartic Acid Endopeptidases
D08.811.277.656.074.500.180.....Cathepsin D
D08.811.277.656.074.500.185.....Cathepsin E
D08.811.277.656.074.500.200.....Chymosin
D08.811.277.656.074.500.270.....Endothelin-Converting Enzymes
D08.811.277.656.074.500.340.....HIV Protease
D08.811.277.656.074.500.700.....Pepsin A
D08.811.277.656.074.500.780.....Renin
D08.811.277.656.149.....ATP-Dependent Proteases
D08.811.277.656.149.099.....ATP-Dependent Endopeptidases
D08.811.277.656.149.099.500.....Endopeptidase Clp
D08.811.277.656.149.099.750.....Protease La
D08.811.277.656.224.....Cathepsins
D08.811.277.656.224.062.....Cathepsin A
D08.811.277.656.224.125.....Cathepsin B
D08.811.277.656.224.130.....Cathepsin C
D08.811.277.656.224.187.....Cathepsin D
D08.811.277.656.224.250.....Cathepsin E
D08.811.277.656.224.300.....Cathepsin F
D08.811.277.656.224.350.....Cathepsin G
D08.811.277.656.224.400.....Cathepsin H

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.224.405.....Cathepsin K
D08.811.277.656.224.407.....Cathepsin L
D08.811.277.656.224.417.....Cathepsin W
D08.811.277.656.224.425.....Cathepsin Z
D08.811.277.656.262.....Cysteine Proteases
D08.811.277.656.262.186.....Cathepsin C
D08.811.277.656.262.249.....Cathepsin Z
D08.811.277.656.262.500.....Cysteine Endopeptidases
D08.811.277.656.262.500.096.....Bromelains
D08.811.277.656.262.500.120.....Calpain
D08.811.277.656.262.500.126.....Caspases
D08.811.277.656.262.500.126.350.....Caspases, Effector
D08.811.277.656.262.500.126.350.300.....Caspase 3
D08.811.277.656.262.500.126.350.600.....Caspase 6
D08.811.277.656.262.500.126.350.700.....Caspase 7
D08.811.277.656.262.500.126.350.900.....Caspase 14
D08.811.277.656.262.500.126.550.....Caspases, Initiator
D08.811.277.656.262.500.126.550.100.....Caspase 1
D08.811.277.656.262.500.126.550.200.....Caspase 2
D08.811.277.656.262.500.126.550.800.....Caspase 8
D08.811.277.656.262.500.126.550.900.....Caspase 9
D08.811.277.656.262.500.126.550.910.....Caspase 10
D08.811.277.656.262.500.126.550.920.....Caspase 12
D08.811.277.656.262.500.126.775.....Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Protein
D08.811.277.656.262.500.133.....Cathepsin B
D08.811.277.656.262.500.146.....Cathepsin F
D08.811.277.656.262.500.153.....Cathepsin H
D08.811.277.656.262.500.156.....Cathepsin K
D08.811.277.656.262.500.157.....Cathepsin L
D08.811.277.656.262.500.158.....Cathepsin W
D08.811.277.656.262.500.160.....Chymopapain
D08.811.277.656.262.500.350.....Ficain
D08.811.277.656.262.500.585.....Papain
D08.811.277.656.262.500.792.....Separase
D08.811.277.656.300.....Endopeptidases
D08.811.277.656.300.032.....Amyloid Precursor Protein Secretases
D08.811.277.656.300.048.....Aspartic Acid Endopeptidases
D08.811.277.656.300.048.180.....Cathepsin D
D08.811.277.656.300.048.185.....Cathepsin E
D08.811.277.656.300.048.200.....Chymosin
D08.811.277.656.300.048.270.....Endothelin-Converting Enzymes

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.300.048.340.....HIV Protease
D08.811.277.656.300.048.700.....Pepsin A
D08.811.277.656.300.048.780.....Renin
D08.811.277.656.300.065.....ATP-Dependent Endopeptidases
D08.811.277.656.300.065.500.....Endopeptidase Clp
D08.811.277.656.300.065.750.....Protease La
D08.811.277.656.300.099.....Brinolase
D08.811.277.656.300.174.....Coagulase
D08.811.277.656.300.200.....Cysteine Endopeptidases
D08.811.277.656.300.200.096.....Bromelains
D08.811.277.656.300.200.120.....Calpain
D08.811.277.656.300.200.126.....Caspases
D08.811.277.656.300.200.126.350.....Caspases, Effector
D08.811.277.656.300.200.126.350.300.....Caspase 3
D08.811.277.656.300.200.126.350.600.....Caspase 6
D08.811.277.656.300.200.126.350.700.....Caspase 7
D08.811.277.656.300.200.126.350.900.....Caspase 14
D08.811.277.656.300.200.126.550.....Caspases, Initiator
D08.811.277.656.300.200.126.550.100.....Caspase 1
D08.811.277.656.300.200.126.550.200.....Caspase 2
D08.811.277.656.300.200.126.550.800.....Caspase 8
D08.811.277.656.300.200.126.550.900.....Caspase 9
D08.811.277.656.300.200.126.550.910.....Caspase 10
D08.811.277.656.300.200.126.550.920.....Caspase 12
D08.811.277.656.300.200.126.775.....Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Protein
D08.811.277.656.300.200.133.....Cathepsin B
D08.811.277.656.300.200.146.....Cathepsin F
D08.811.277.656.300.200.153.....Cathepsin H
D08.811.277.656.300.200.156.....Cathepsin K
D08.811.277.656.300.200.157.....Cathepsin L
D08.811.277.656.300.200.158.....Cathepsin W
D08.811.277.656.300.200.160.....Chymopapain
D08.811.277.656.300.200.350.....Ficain
D08.811.277.656.300.200.585.....Papain
D08.811.277.656.300.200.792.....Separase
D08.811.277.656.300.480.....Metalloendopeptidases
D08.811.277.656.300.480.153.....Botulinum Toxins
D08.811.277.656.300.480.153.100.....Botulinum Toxins, Type A
D08.811.277.656.300.480.205.....Collagenases
D08.811.277.656.300.480.205.351.....Matrix Metalloproteinase 1
D08.811.277.656.300.480.205.352.....Matrix Metalloproteinase 2

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.300.480.205.358.....Matrix Metalloproteinase 8
D08.811.277.656.300.480.205.360.....Matrix Metalloproteinase 9
D08.811.277.656.300.480.205.363.....Matrix Metalloproteinase 13
D08.811.277.656.300.480.205.500.....Microbial Collagenase
D08.811.277.656.300.480.229.....Endothelin-Converting Enzymes
D08.811.277.656.300.480.252.....Gelatinases
D08.811.277.656.300.480.252.420.....Matrix Metalloproteinase 2
D08.811.277.656.300.480.252.445.....Matrix Metalloproteinase 9
D08.811.277.656.300.480.300.....Insulysin
D08.811.277.656.300.480.452.....Lysostaphin
D08.811.277.656.300.480.525.....Matrix Metalloproteinases
D08.811.277.656.300.480.525.300.....Matrix Metalloproteinases, Membrane-Associated
D08.811.277.656.300.480.525.300.500.....Matrix Metalloproteinase 14
D08.811.277.656.300.480.525.300.550.....Matrix Metalloproteinase 15
D08.811.277.656.300.480.525.300.600.....Matrix Metalloproteinase 16
D08.811.277.656.300.480.525.300.650.....Matrix Metalloproteinase 17
D08.811.277.656.300.480.525.700.....Matrix Metalloproteinases, Secreted
D08.811.277.656.300.480.525.700.049.....Bone Morphogenetic Protein 1
D08.811.277.656.300.480.525.700.100.....Matrix Metalloproteinase 1
D08.811.277.656.300.480.525.700.150.....Matrix Metalloproteinase 2
D08.811.277.656.300.480.525.700.200.....Matrix Metalloproteinase 3
D08.811.277.656.300.480.525.700.250.....Matrix Metalloproteinase 7
D08.811.277.656.300.480.525.700.300.....Matrix Metalloproteinase 8
D08.811.277.656.300.480.525.700.350.....Matrix Metalloproteinase 9
D08.811.277.656.300.480.525.700.400.....Matrix Metalloproteinase 10
D08.811.277.656.300.480.525.700.450.....Matrix Metalloproteinase 11
D08.811.277.656.300.480.525.700.500.....Matrix Metalloproteinase 12
D08.811.277.656.300.480.525.700.550.....Matrix Metalloproteinase 13
D08.811.277.656.300.480.525.700.800.....Matrix Metalloproteinase 20
D08.811.277.656.300.480.600.....Nepriylsin
D08.811.277.656.300.480.616.....PHEX Phosphate Regulating Neutral Endopeptidase
D08.811.277.656.300.480.632.....Pregnancy-Associated Plasma Protein-A
D08.811.277.656.300.480.664.....Procollagen N-Endopeptidase
D08.811.277.656.300.480.680.....Pronase
D08.811.277.656.300.480.827.....Thermolysin
D08.811.277.656.300.760.....Serine Endopeptidases
D08.811.277.656.300.760.030.....Acrosin
D08.811.277.656.300.760.066.....Cathepsin G
D08.811.277.656.300.760.103.....Chymases
D08.811.277.656.300.760.176.....Chymotrypsin
D08.811.277.656.300.760.198.....Complement Factor B

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.277.656.300.760.200.....	Complement Factor D
D08.811.277.656.300.760.210.....	Complement Factor I
D08.811.277.656.300.760.247.....	Endopeptidase K
D08.811.277.656.300.760.284.....	Enteropeptidase
D08.811.277.656.300.760.300.....	Factor VIIa
D08.811.277.656.300.760.310.....	Factor IXa
D08.811.277.656.300.760.315.....	Factor Xa
D08.811.277.656.300.760.320.....	Factor XIa
D08.811.277.656.300.760.324.....	Factor XIIa
D08.811.277.656.300.760.330.....	Fibrinolysin
D08.811.277.656.300.760.353.....	Furin
D08.811.277.656.300.760.397.....	Granzymes
D08.811.277.656.300.760.420.....	High-Temperature Requirement A Serine Peptidase 1
D08.811.277.656.300.760.431.....	High-Temperature Requirement A Serine Peptidase 2
D08.811.277.656.300.760.442.....	Kallikreins
D08.811.277.656.300.760.442.700.....	Plasma Kallikrein
D08.811.277.656.300.760.442.725.....	Prekallikrein
D08.811.277.656.300.760.442.750.....	Prostate-Specific Antigen
D08.811.277.656.300.760.442.875.....	Tissue Kallikreins
D08.811.277.656.300.760.471.....	Lactoferrin
D08.811.277.656.300.760.501.....	Mannose-Binding Protein-Associated Serine Proteases
D08.811.277.656.300.760.530.....	Myeloblastin
D08.811.277.656.300.760.560.....	Pancreatic Elastase
D08.811.277.656.300.760.560.500.....	Leukocyte Elastase
D08.811.277.656.300.760.635.....	Plasminogen Activators
D08.811.277.656.300.760.635.075.....	Anistreplase
D08.811.277.656.300.760.638.....	Pronase
D08.811.277.656.300.760.640.....	Proprotein Convertase 1
D08.811.277.656.300.760.646.....	Proprotein Convertase 2
D08.811.277.656.300.760.648.....	Proprotein Convertase 5
D08.811.277.656.300.760.718.....	Proprotein Convertase 9
D08.811.277.656.300.760.787.....	Subtilisins
D08.811.277.656.300.760.787.805.....	Subtilisin
D08.811.277.656.300.760.855.....	Thrombin
D08.811.277.656.300.760.875.....	Tissue Plasminogen Activator
D08.811.277.656.300.760.895.....	Trypsin
D08.811.277.656.300.760.902.....	Tryptases
D08.811.277.656.300.760.910.....	Urokinase-Type Plasminogen Activator
D08.811.277.656.300.760.955.....	Venombin A
D08.811.277.656.300.760.955.060.....	Ancrod
D08.811.277.656.300.760.955.135.....	Batroxobin

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.277.656.300.775.....	Streptokinase
D08.811.277.656.300.775.075.....	Anistreplase
D08.811.277.656.300.775.900.....	Streptodornase and Streptokinase
D08.811.277.656.300.887.....	Ubiquitin-Specific Proteases
D08.811.277.656.300.887.375.....	COP9 Signalosome Complex
D08.811.277.656.300.887.750.....	Tumor Necrosis Factor alpha-Induced Protein 3
D08.811.277.656.300.887.875.....	Ubiquitin-Specific Peptidase 7
D08.811.277.656.350.....	Exopeptidases
D08.811.277.656.350.100.....	Aminopeptidases
D08.811.277.656.350.100.160.....	CD13 Antigens
D08.811.277.656.350.100.235.....	Cystinyl Aminopeptidase
D08.811.277.656.350.100.373.....	Glutamyl Aminopeptidase
D08.811.277.656.350.100.511.....	Leucyl Aminopeptidase
D08.811.277.656.350.100.633.....	Methionyl Aminopeptidases
D08.811.277.656.350.100.755.....	Pyroglutamyl-Peptidase I
D08.811.277.656.350.245.....	Carboxypeptidases
D08.811.277.656.350.245.083.....	Carboxypeptidase B
D08.811.277.656.350.245.125.....	Carboxypeptidase B2
D08.811.277.656.350.245.167.....	Carboxypeptidase H
D08.811.277.656.350.245.250.....	Carboxypeptidases A
D08.811.277.656.350.245.260.....	Cathepsin A
D08.811.277.656.350.245.270.....	Cathepsin Z
D08.811.277.656.350.245.280.....	gamma-Glutamyl Hydrolase
D08.811.277.656.350.245.400.....	Glutamate Carboxypeptidase II
D08.811.277.656.350.245.450.....	Lysine Carboxypeptidase
D08.811.277.656.350.245.500.....	Muramoylpentapeptide Carboxypeptidase
D08.811.277.656.350.245.800.....	Serine-Type D-Ala-D-Ala Carboxypeptidase
D08.811.277.656.350.297.....	Dipeptidases
D08.811.277.656.350.350.....	Dipeptidyl-Peptidases and Tripeptidyl-Peptidases
D08.811.277.656.350.350.100.....	Cathepsin C
D08.811.277.656.350.350.126.....	Dipeptidyl Peptidase 4
D08.811.277.656.350.350.687.....	Peptidyl-Dipeptidase A
D08.811.277.656.350.555.....	Metalloexopeptidases
D08.811.277.656.350.555.100.....	CD13 Antigens
D08.811.277.656.350.555.200.....	Carboxypeptidase B
D08.811.277.656.350.555.225.....	Carboxypeptidase B2
D08.811.277.656.350.555.250.....	Carboxypeptidase H
D08.811.277.656.350.555.350.....	Carboxypeptidases A
D08.811.277.656.350.555.400.....	Cystinyl Aminopeptidase
D08.811.277.656.350.555.500.....	Glutamate Carboxypeptidase II
D08.811.277.656.350.555.600.....	Glutamyl Aminopeptidase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.350.555.700.....Leucyl Aminopeptidase
D08.811.277.656.350.555.750.....Lysine Carboxypeptidase
D08.811.277.656.675.....Metalloproteases
D08.811.277.656.675.374.....Metalloendopeptidases
D08.811.277.656.675.374.102.....ADAM Proteins
D08.811.277.656.675.374.102.125.....ADAM12 Protein
D08.811.277.656.675.374.102.250.....ADAM10 Protein
D08.811.277.656.675.374.102.375.....ADAM17 Protein
D08.811.277.656.675.374.102.500.....ADAMTS Proteins
D08.811.277.656.675.374.102.500.500.....ADAMTS1 Protein
D08.811.277.656.675.374.102.500.813.....ADAMTS13 Protein
D08.811.277.656.675.374.102.500.844.....ADAMTS4 Protein
D08.811.277.656.675.374.102.500.875.....ADAMTS5 Protein
D08.811.277.656.675.374.102.500.937.....ADAMTS7 Protein
D08.811.277.656.675.374.102.500.968.....ADAMTS9 Protein
D08.811.277.656.675.374.102.750.....Fertilins
D08.811.277.656.675.374.153.....Botulinum Toxins
D08.811.277.656.675.374.153.100.....Botulinum Toxins, Type A
D08.811.277.656.675.374.205.....Collagenases
D08.811.277.656.675.374.205.351.....Matrix Metalloproteinase 1
D08.811.277.656.675.374.205.352.....Matrix Metalloproteinase 2
D08.811.277.656.675.374.205.358.....Matrix Metalloproteinase 8
D08.811.277.656.675.374.205.360.....Matrix Metalloproteinase 9
D08.811.277.656.675.374.205.363.....Matrix Metalloproteinase 13
D08.811.277.656.675.374.205.500.....Microbial Collagenase
D08.811.277.656.675.374.229.....Endothelin-Converting Enzymes
D08.811.277.656.675.374.252.....Gelatinases
D08.811.277.656.675.374.252.420.....Matrix Metalloproteinase 2
D08.811.277.656.675.374.252.445.....Matrix Metalloproteinase 9
D08.811.277.656.675.374.300.....Insulysin
D08.811.277.656.675.374.452.....Lysostaphin
D08.811.277.656.675.374.525.....Matrix Metalloproteinases
D08.811.277.656.675.374.525.300.....Matrix Metalloproteinases, Membrane-Associated
D08.811.277.656.675.374.525.300.500.....Matrix Metalloproteinase 14
D08.811.277.656.675.374.525.300.625.....Matrix Metalloproteinase 15
D08.811.277.656.675.374.525.300.750.....Matrix Metalloproteinase 16
D08.811.277.656.675.374.525.300.875.....Matrix Metalloproteinase 17
D08.811.277.656.675.374.525.700.....Matrix Metalloproteinases, Secreted
D08.811.277.656.675.374.525.700.100.....Matrix Metalloproteinase 1
D08.811.277.656.675.374.525.700.150.....Matrix Metalloproteinase 2
D08.811.277.656.675.374.525.700.200.....Matrix Metalloproteinase 3

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.675.374.525.700.250.....Matrix Metalloproteinase 7
D08.811.277.656.675.374.525.700.300.....Matrix Metalloproteinase 8
D08.811.277.656.675.374.525.700.350.....Matrix Metalloproteinase 9
D08.811.277.656.675.374.525.700.400.....Matrix Metalloproteinase 10
D08.811.277.656.675.374.525.700.450.....Matrix Metalloproteinase 11
D08.811.277.656.675.374.525.700.500.....Matrix Metalloproteinase 12
D08.811.277.656.675.374.525.700.550.....Matrix Metalloproteinase 13
D08.811.277.656.675.374.525.700.800.....Matrix Metalloproteinase 20
D08.811.277.656.675.374.525.700.900.....Tolloid-Like Metalloproteinases
D08.811.277.656.675.374.525.700.900.500.....Bone Morphogenetic Protein 1
D08.811.277.656.675.374.600.....Neprilysin
D08.811.277.656.675.374.616.....PHEX Phosphate Regulating Neutral Endopeptidase
D08.811.277.656.675.374.632.....Pregnancy-Associated Plasma Protein-A
D08.811.277.656.675.374.664.....Procollagen N-Endopeptidase
D08.811.277.656.675.374.680.....Pronase
D08.811.277.656.675.374.827.....Thermolysin
D08.811.277.656.675.555.....Metalloexopeptidases
D08.811.277.656.675.555.100.....CD13 Antigens
D08.811.277.656.675.555.200.....Carboxypeptidase B
D08.811.277.656.675.555.225.....Carboxypeptidase B2
D08.811.277.656.675.555.250.....Carboxypeptidase H
D08.811.277.656.675.555.350.....Carboxypeptidases A
D08.811.277.656.675.555.400.....Cystinyl Aminopeptidase
D08.811.277.656.675.555.500.....Glutamate Carboxypeptidase II
D08.811.277.656.675.555.600.....Glutamyl Aminopeptidase
D08.811.277.656.675.555.700.....Leucyl Aminopeptidase
D08.811.277.656.675.555.750.....Lysine Carboxypeptidase
D08.811.277.656.837.....Proprotein Convertases
D08.811.277.656.837.061.....Carboxypeptidase B
D08.811.277.656.837.092.....Carboxypeptidase B2
D08.811.277.656.837.124.....Carboxypeptidase H
D08.811.277.656.837.249.....Furin
D08.811.277.656.837.500.....Proprotein Convertase 1
D08.811.277.656.837.562.....Proprotein Convertase 2
D08.811.277.656.837.625.....Proprotein Convertase 5
D08.811.277.656.837.688.....Proprotein Convertase 9
D08.811.277.656.837.750.....Renin
D08.811.277.656.918.....Proteasome Endopeptidase Complex
D08.811.277.656.959.....Serine Proteases
D08.811.277.656.959.200.....Cathepsin A
D08.811.277.656.959.250.....Dipeptidyl Peptidase 4



## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.959.350.....Serine Endopeptidases
D08.811.277.656.959.350.030.....Acrosin
D08.811.277.656.959.350.066.....Cathepsin G
D08.811.277.656.959.350.103.....Chymases
D08.811.277.656.959.350.176.....Chymotrypsin
D08.811.277.656.959.350.198.....Complement Factor B
D08.811.277.656.959.350.200.....Complement Factor D
D08.811.277.656.959.350.210.....Complement Factor I
D08.811.277.656.959.350.247.....Endopeptidase K
D08.811.277.656.959.350.284.....Enteropeptidase
D08.811.277.656.959.350.300.....Factor VIIa
D08.811.277.656.959.350.310.....Factor IXa
D08.811.277.656.959.350.315.....Factor Xa
D08.811.277.656.959.350.320.....Factor XIa
D08.811.277.656.959.350.324.....Factor XIIa
D08.811.277.656.959.350.330.....Fibrinolysin
D08.811.277.656.959.350.353.....Furin
D08.811.277.656.959.350.397.....Granzymes
D08.811.277.656.959.350.420.....High-Temperature Requirement A Serine Peptidase 1
D08.811.277.656.959.350.431.....High-Temperature Requirement A Serine Peptidase 2
D08.811.277.656.959.350.442.....Kallikreins
D08.811.277.656.959.350.442.700.....Plasma Kallikrein
D08.811.277.656.959.350.442.725.....Prekallikrein
D08.811.277.656.959.350.442.750.....Prostate-Specific Antigen
D08.811.277.656.959.350.442.875.....Tissue Kallikreins
D08.811.277.656.959.350.471.....Lactoferrin
D08.811.277.656.959.350.501.....Mannose-Binding Protein-Associated Serine Proteases
D08.811.277.656.959.350.530.....Myeloblastin
D08.811.277.656.959.350.560.....Pancreatic Elastase
D08.811.277.656.959.350.560.500.....Leukocyte Elastase
D08.811.277.656.959.350.635.....Plasminogen Activators
D08.811.277.656.959.350.635.075.....Anistreplase
D08.811.277.656.959.350.638.....Pronase
D08.811.277.656.959.350.640.....Proprotein Convertase 1
D08.811.277.656.959.350.646.....Proprotein Convertase 2
D08.811.277.656.959.350.648.....Proprotein Convertase 5
D08.811.277.656.959.350.718.....Proprotein Convertase 9
D08.811.277.656.959.350.787.....Subtilisins
D08.811.277.656.959.350.787.805.....Subtilisin
D08.811.277.656.959.350.855.....Thrombin
D08.811.277.656.959.350.875.....Tissue Plasminogen Activator

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.277.656.959.350.895.....Trypsin
D08.811.277.656.959.350.902.....Trypsases
D08.811.277.656.959.350.910.....Urokinase-Type Plasminogen Activator
D08.811.277.656.959.350.955.....Venombin A
D08.811.277.656.959.350.955.060.....Ancrod
D08.811.277.656.959.350.955.135.....Batroxobin
D08.811.277.656.959.560.....Serine-Type D-Ala-D-Ala Carboxypeptidase
D08.811.277.721.....Protein-Arginine Deiminases
D08.811.277.785.....Protein Deglycase DJ-1
D08.811.277.913.....Ureohydrolases
D08.811.277.913.292.....Arginase
D08.811.348.....Isoenzymes
D08.811.399.....Isomerases
D08.811.399.325.....cis-trans-Isomerases
D08.811.399.325.500.....Peptidylprolyl Isomerase
D08.811.399.325.500.400.....Immunophilins
D08.811.399.325.500.400.300.....Cyclophilins
D08.811.399.325.500.400.300.500.....Cyclophilin A
D08.811.399.325.500.400.300.750.....Cyclophilin C
D08.811.399.325.500.400.700.....Tacrolimus Binding Proteins
D08.811.399.325.500.400.700.500.....Tacrolimus Binding Protein 1A
D08.811.399.325.500.700.....NIMA-Interacting Peptidylprolyl Isomerase
D08.811.399.325.500.850.....Peptidyl-Prolyl Cis-Trans Isomerase NIMA-Interacting 4
D08.811.399.340.....DNA Helicases
D08.811.399.340.124.....DnaB Helicases
D08.811.399.340.155.....Ku Autoantigen
D08.811.399.340.186.....Minichromosome Maintenance Proteins
D08.811.399.340.186.200.....Minichromosome Maintenance Complex Component 2
D08.811.399.340.186.300.....Minichromosome Maintenance Complex Component 3
D08.811.399.340.186.400.....Minichromosome Maintenance Complex Component 4
D08.811.399.340.186.500.....Minichromosome Maintenance Complex Component 5
D08.811.399.340.186.600.....Minichromosome Maintenance Complex Component 6
D08.811.399.340.186.700.....Minichromosome Maintenance Complex Component 7
D08.811.399.340.186.800.....Minichromosome Maintenance Complex Component 8
D08.811.399.340.186.900.....Minichromosome Maintenance Complex Component 9
D08.811.399.340.249.....RecQ Helicases
D08.811.399.340.249.500.....Werner Syndrome Helicase
D08.811.399.340.375.....X-linked Nuclear Protein
D08.811.399.340.500.....Xeroderma Pigmentosum Group D Protein
D08.811.399.403.....DNA Topoisomerases
D08.811.399.403.483.....DNA Topoisomerases, Type I

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.399.403.741.....DNA Topoisomerases, Type II
D08.811.399.403.741.149.....DNA Gyrase
D08.811.399.403.741.224.....DNA Topoisomerase IV
D08.811.399.430.....Intramolecular Lyases
D08.811.399.430.500.....Myo-Inositol-1-Phosphate Synthase
D08.811.399.475.....Intramolecular Oxidoreductases
D08.811.399.475.200.....Aldose-Ketose Isomerases
D08.811.399.475.200.350.....Glucose-6-Phosphate Isomerase
D08.811.399.475.200.550.....Mannose-6-Phosphate Isomerase
D08.811.399.475.200.775.....Triose-Phosphate Isomerase
D08.811.399.475.400.....Carbon-Carbon Double Bond Isomerases
D08.811.399.475.400.349.....Dodecenoyl-CoA Isomerase
D08.811.399.475.400.349.500.....Peroxisomal Bifunctional Enzyme
D08.811.399.475.400.700.....Steroid Isomerases
D08.811.399.475.600.....Prostaglandin-E Synthases
D08.811.399.475.800.....Sulfur-Sulfur Bond Isomerases
D08.811.399.475.800.550.....Protein Disulfide-Isomerases
D08.811.399.475.900.....Thromboxane-A Synthase
D08.811.399.520.....Intramolecular Transferases
D08.811.399.520.100.....2-Acetolactate Mutase
D08.811.399.520.250.....Chorismate Mutase
D08.811.399.520.250.500.....Prephenate Dehydratase
D08.811.399.520.250.750.....Prephenate Dehydrogenase
D08.811.399.520.625.....Methylmalonyl-CoA Mutase
D08.811.399.520.750.....Phosphotransferases (Phosphomutases)
D08.811.399.520.750.250.....Bisphosphoglycerate Mutase
D08.811.399.520.750.625.....Phosphoglucomutase
D08.811.399.520.750.700.....Phosphoglycerate Mutase
D08.811.399.894.....Racemases and Epimerases
D08.811.399.894.200.....Amino Acid Isomerases
D08.811.399.894.200.200.....Alanine Racemase
D08.811.399.894.500.....Carbohydrate Epimerases
D08.811.399.894.500.700.....UDPglucose 4-Epimerase
D08.811.464.....Ligases
D08.811.464.257.....Carbon-Carbon Ligases
D08.811.464.257.050.....Acetyl-CoA Carboxylase
D08.811.464.257.275.....Polyketide Synthases
D08.811.464.257.500.....Pyruvate Carboxylase
D08.811.464.259.....Carbon-Nitrogen Ligases
D08.811.464.259.100.....Adenylosuccinate Synthase
D08.811.464.259.200.....Amide Synthases

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.464.259.200.200.....Aspartate-Ammonia Ligase
D08.811.464.259.200.600.....Glutamate-Ammonia Ligase
D08.811.464.259.300.....Argininosuccinate Synthase
D08.811.464.259.350.....Carbamoyl-Phosphate Synthase (Ammonia)
D08.811.464.259.400.....Carbon-Nitrogen Ligases with Glutamine as Amide-N-Donor
D08.811.464.259.400.300.....Carbamoyl-Phosphate Synthase (Glutamine-Hydrolyzing)
D08.811.464.259.550.....Formate-Tetrahydrofolate Ligase
D08.811.464.259.850.....Peptide Synthases
D08.811.464.259.850.400.....Glutamate-Cysteine Ligase
D08.811.464.259.850.500.....Glutathione Synthase
D08.811.464.263.....Carbon-Oxygen Ligases
D08.811.464.263.200.....Amino Acyl-tRNA Synthetases
D08.811.464.263.200.050.....Alanine-tRNA Ligase
D08.811.464.263.200.100.....Arginine-tRNA Ligase
D08.811.464.263.200.150.....Aspartate-tRNA Ligase
D08.811.464.263.200.250.....Glutamate-tRNA Ligase
D08.811.464.263.200.350.....Glycine-tRNA Ligase
D08.811.464.263.200.400.....Histidine-tRNA Ligase
D08.811.464.263.200.450.....Isoleucine-tRNA Ligase
D08.811.464.263.200.500.....Leucine-tRNA Ligase
D08.811.464.263.200.550.....Lysine-tRNA Ligase
D08.811.464.263.200.600.....Methionine-tRNA Ligase
D08.811.464.263.200.650.....Phenylalanine-tRNA Ligase
D08.811.464.263.200.750.....Serine-tRNA Ligase
D08.811.464.263.200.800.....Threonine-tRNA Ligase
D08.811.464.263.200.850.....Tryptophan-tRNA Ligase
D08.811.464.263.200.900.....Tyrosine-tRNA Ligase
D08.811.464.263.200.950.....Valine-tRNA Ligase
D08.811.464.267.....Carbon-Sulfur Ligases
D08.811.464.267.500.....Coenzyme A Ligases
D08.811.464.267.500.200.....Acetate-CoA Ligase
D08.811.464.267.500.600.....Succinate-CoA Ligases
D08.811.464.754.....Polynucleotide Ligases
D08.811.464.754.600.....DNA Ligases
D08.811.464.754.600.500.....DNA Ligase ATP
D08.811.464.754.720.....RNA Ligase (ATP)
D08.811.464.938.....Ubiquitin-Protein Ligase Complexes
D08.811.464.938.249.....Ubiquitin-Activating Enzymes
D08.811.464.938.500.....Ubiquitin-Conjugating Enzymes
D08.811.464.938.750.....Ubiquitin-Protein Ligases
D08.811.464.938.750.092.....Anaphase-Promoting Complex-Cyclosome

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.464.938.750.092.500.....	Apc1 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.625.....	Apc10 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.687.....	Apc11 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.750.....	Apc2 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.875.....	Apc3 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.937.....	Apc4 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.968.....	Apc5 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.984.....	Apc6 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.992.....	Apc7 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.996.....	Apc8 Subunit, Anaphase-Promoting Complex-Cyclosome
D08.811.464.938.750.092.998.....	Cdc20 Proteins
D08.811.464.938.750.092.999.....	Cdh1 Proteins
D08.811.464.938.750.186.....	Fanconi Anemia Complementation Group L Protein
D08.811.464.938.750.210.....	Inhibitor of Apoptosis Proteins
D08.811.464.938.750.210.250.....	Baculoviral IAP Repeat-Containing 3 Protein
D08.811.464.938.750.210.500.....	Neuronal Apoptosis-Inhibitory Protein
D08.811.464.938.750.210.750.....	X-Linked Inhibitor of Apoptosis Protein
D08.811.464.938.750.233.....	Mucosa-Associated Lymphoid Tissue Lymphoma Translocation 1 Protein
D08.811.464.938.750.257.....	Nedd4 Ubiquitin Protein Ligases
D08.811.464.938.750.280.....	Polycomb Repressive Complex 1
D08.811.464.938.750.374.....	Proto-Oncogene Proteins c-cbl
D08.811.464.938.750.562.....	Proto-Oncogene Proteins c-mdm2
D08.811.464.938.750.656.....	Receptors, Autocrine Motility Factor
D08.811.464.938.750.750.....	SKP Cullin F-Box Protein Ligases
D08.811.464.938.750.750.500.....	Cullin Proteins
D08.811.464.938.750.750.750.....	F-Box-WD Repeat-Containing Protein 7
D08.811.464.938.750.782.....	Tripartite Motif-Containing Protein 28
D08.811.464.938.750.813.....	Tumor Necrosis Factor alpha-Induced Protein 3
D08.811.464.938.750.875.....	Von Hippel-Lindau Tumor Suppressor Protein
D08.811.520.....	Lyases
D08.811.520.224.....	Carbon-Carbon Lyases
D08.811.520.224.062.....	Aldehyde-Lyases
D08.811.520.224.062.400.....	Fructose-Bisphosphate Aldolase
D08.811.520.224.125.....	Carboxy-Lyases
D08.811.520.224.125.050.....	Adenosylmethionine Decarboxylase
D08.811.520.224.125.100.....	Aromatic-L-Amino-Acid Decarboxylases
D08.811.520.224.125.100.500.....	Dopa Decarboxylase
D08.811.520.224.125.250.....	Glutamate Decarboxylase
D08.811.520.224.125.300.....	Histidine Decarboxylase
D08.811.520.224.125.350.....	Indole-3-Glycerol-Phosphate Synthase
D08.811.520.224.125.387.....	Methylmalonyl-CoA Decarboxylase

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.520.224.125.425.....	Ornithine Decarboxylase
D08.811.520.224.125.450.....	Orotidine-5'-Phosphate Decarboxylase
D08.811.520.224.125.500.....	Phosphoenolpyruvate Carboxykinase (ATP)
D08.811.520.224.125.550.....	Phosphoenolpyruvate Carboxykinase (GTP)
D08.811.520.224.125.650.....	Phosphoenolpyruvate Carboxylase
D08.811.520.224.125.750.....	Pyruvate Decarboxylase
D08.811.520.224.125.800.....	Ribulose-Bisphosphate Carboxylase
D08.811.520.224.125.875.....	Tyrosine Decarboxylase
D08.811.520.224.125.900.....	Uroporphyrinogen Decarboxylase
D08.811.520.224.187.....	Deoxyribodipyrimidine Photo-Lyase
D08.811.520.224.600.....	Oxo-Acid-Lyases
D08.811.520.224.600.200.....	Anthranilate Synthase
D08.811.520.224.600.700.....	Isocitrate Lyase
D08.811.520.224.800.....	Tryptophanase
D08.811.520.224.900.....	Tyrosine Phenol-Lyase
D08.811.520.232.....	Carbon-Nitrogen Lyases
D08.811.520.232.300.....	Amidine-Lyases
D08.811.520.232.300.200.....	Adenylosuccinate Lyase
D08.811.520.232.300.400.....	Argininosuccinate Lyase
D08.811.520.232.300.400.500.....	delta-Crystallins
D08.811.520.232.400.....	Ammonia-Lyases
D08.811.520.232.400.200.....	Aspartate Ammonia-Lyase
D08.811.520.232.400.350.....	Ethanolamine Ammonia-Lyase
D08.811.520.232.400.500.....	Histidine Ammonia-Lyase
D08.811.520.232.400.600.....	L-Serine Dehydratase
D08.811.520.232.400.700.....	Phenylalanine Ammonia-Lyase
D08.811.520.232.400.850.....	Threonine Dehydratase
D08.811.520.241.....	Carbon-Oxygen Lyases
D08.811.520.241.225.....	DNA-(Apurinic or Apyrimidinic Site) Lyase
D08.811.520.241.300.....	Hydro-Lyases
D08.811.520.241.300.050.....	Aconitate Hydratase
D08.811.520.241.300.050.500.....	Iron Regulatory Protein 1
D08.811.520.241.300.050.750.....	Iron Regulatory Protein 2
D08.811.520.241.300.150.....	Carbonic Anhydrases
D08.811.520.241.300.150.100.....	Carbonic Anhydrase I
D08.811.520.241.300.150.200.....	Carbonic Anhydrase II
D08.811.520.241.300.150.300.....	Carbonic Anhydrase III
D08.811.520.241.300.150.400.....	Carbonic Anhydrase IV
D08.811.520.241.300.150.450.....	Carbonic Anhydrase IX
D08.811.520.241.300.150.500.....	Carbonic Anhydrase V
D08.811.520.241.300.200.....	Cystathionine beta-Synthase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.520.241.300.250.....Enoyl-CoA Hydratase
D08.811.520.241.300.250.249.....Mitochondrial Trifunctional Protein
D08.811.520.241.300.250.249.500.....Mitochondrial Trifunctional Protein, alpha Subunit
D08.811.520.241.300.250.750.....Peroxisomal Bifunctional Enzyme
D08.811.520.241.300.275.....Enoyl-CoA Hydratase 2
D08.811.520.241.300.275.500.....Peroxisomal Multifunctional Protein-2
D08.811.520.241.300.287.....Fatty Acid Synthases
D08.811.520.241.300.287.099.....Fatty Acid Synthase, Type I
D08.811.520.241.300.287.200.....Fatty Acid Synthase, Type II
D08.811.520.241.300.300.....Fumarate Hydratase
D08.811.520.241.300.500.....Phosphopyruvate Hydratase
D08.811.520.241.300.500.500.....tau-Crystallins
D08.811.520.241.300.550.....Porphobilinogen Synthase
D08.811.520.241.300.600.....Prephenate Dehydratase
D08.811.520.241.300.650.....Propanediol Dehydratase
D08.811.520.241.300.850.....Tryptophan Synthase
D08.811.520.241.300.900.....Urocanate Hydratase
D08.811.520.241.300.950.....Uroporphyrinogen III Synthetase
D08.811.520.241.700.....Polysaccharide-Lyases
D08.811.520.241.700.350.....Chondroitinases and Chondroitin Lyases
D08.811.520.241.700.350.500.....Chondroitin Lyases
D08.811.520.241.700.350.500.500.....Chondroitin ABC Lyase
D08.811.520.241.700.512.....Heparin Lyase
D08.811.520.241.700.675.....Hyaluronoglucosaminidase
D08.811.520.300.....Carbon-Sulfur Lyases
D08.811.520.300.250.....Cystathionine gamma-Lyase
D08.811.520.300.500.....Lactoylglutathione Lyase
D08.811.520.500.....Ferrochelataze
D08.811.520.650.....Phosphorus-Oxygen Lyases
D08.811.520.650.200.....Adenylyl Cyclases
D08.811.520.650.200.040.....Adenylate Cyclase Toxin
D08.811.520.650.600.....Guanylate Cyclase
D08.811.520.650.600.500.....Receptors, Guanylate Cyclase-Coupled
D08.811.520.650.600.500.250.....Receptors, Enterotoxin
D08.811.520.650.600.500.500.....Receptors, Atrial Natriuretic Factor
D08.811.520.650.600.750.....Soluble Guanylyl Cyclase
D08.811.520.650.800.....Phosphatidylinositol Diacylglycerol-Lyase
D08.811.600.....Multienzyme Complexes
D08.811.600.075.....Anthranilate Phosphoribosyltransferase
D08.811.600.085.....Anthranilate Synthase
D08.811.600.250.....Electron Transport Chain Complex Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.600.250.500.....Electron-Transferring Flavoproteins
D08.811.600.250.500.500.....Electron Transport Complex I
D08.811.600.250.500.750.....Electron Transport Complex II
D08.811.600.250.500.750.500.....Succinate Dehydrogenase
D08.811.600.250.687.....Electron Transport Complex IV
D08.811.600.250.875.....Succinate Cytochrome c Oxidoreductase
D08.811.600.250.875.249.....Electron Transport Complex II
D08.811.600.250.875.249.500.....Succinate Dehydrogenase
D08.811.600.250.875.500.....Electron Transport Complex III
D08.811.600.283.....Exosome Multienzyme Ribonuclease Complex
D08.811.600.354.....Fatty Acid Synthase, Type II
D08.811.600.391.....Glycine Decarboxylase Complex
D08.811.600.391.100.....Aminomethyltransferase
D08.811.600.391.150.....Dihydrolipoamide Dehydrogenase
D08.811.600.391.175.....Glycine Decarboxylase Complex H-Protein
D08.811.600.391.200.....Glycine Dehydrogenase (Decarboxylating)
D08.811.600.465.....Ketoglutarate Dehydrogenase Complex
D08.811.600.465.500.....Dihydrolipoamide Dehydrogenase
D08.811.600.620.....Mi-2 Nucleosome Remodeling and Deacetylase Complex
D08.811.600.620.100.....Histone Deacetylase 1
D08.811.600.620.200.....Histone Deacetylase 2
D08.811.600.620.775.....Retinoblastoma-Binding Protein 4
D08.811.600.620.887.....Retinoblastoma-Binding Protein 7
D08.811.600.700.....Phosphoenolpyruvate Sugar Phosphotransferase System
D08.811.600.710.....Photosynthetic Reaction Center Complex Proteins
D08.811.600.710.374.....Cytochrome b6f Complex
D08.811.600.710.374.500.....Cytochromes b6
D08.811.600.710.374.750.....Cytochromes f
D08.811.600.710.374.875.....Plastoquinol-Plastocyanin Reductase
D08.811.600.710.490.....Light-Harvesting Protein Complexes
D08.811.600.710.490.249.....Chlorophyll Binding Proteins
D08.811.600.710.490.500.....Phycobilisomes
D08.811.600.710.490.500.500.....Phycobiliproteins
D08.811.600.710.490.500.500.755.....Phycocyanin
D08.811.600.710.490.500.500.777.....Phycocerythrin
D08.811.600.710.500.....Photosystem I Protein Complex
D08.811.600.710.750.....Photosystem II Protein Complex
D08.811.600.715.....Polyketide Synthases
D08.811.600.720.....Prostaglandin-Endoperoxide Synthases
D08.811.600.720.500.....Cyclooxygenase 1
D08.811.600.720.750.....Cyclooxygenase 2



## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.600.730.....	Proteasome Endopeptidase Complex
D08.811.600.741.....	Pyruvate Dehydrogenase Complex
D08.811.600.741.525.....	Dihydrolipoamide Dehydrogenase
D08.811.600.741.625.....	Dihydrolipoyllysine-Residue Acetyltransferase
D08.811.600.741.725.....	Pyruvate Dehydrogenase (Lipoamide)
D08.811.600.795.....	Sin3 Histone Deacetylase and Corepressor Complex
D08.811.600.795.100.....	Histone Deacetylase 1
D08.811.600.795.200.....	Histone Deacetylase 2
D08.811.600.795.775.....	Retinoblastoma-Binding Protein 4
D08.811.600.795.887.....	Retinoblastoma-Binding Protein 7
D08.811.600.850.....	Sucrase-Isomaltase Complex
D08.811.600.896.....	Tryptophan Synthase
D08.811.641.....	Multifunctional Enzymes
D08.811.641.249.....	Acetyl-CoA Carboxylase
D08.811.641.260.....	N-Acetyllactosamine Synthase
D08.811.641.500.....	Aspartate Carbamoyltransferase
D08.811.641.750.....	Aspartokinase Homoserine Dehydrogenase
D08.811.641.752.....	Cyclin-Dependent Kinase 9
D08.811.641.755.....	Dual-Specificity Phosphatases
D08.811.641.755.100.....	cdc25 Phosphatases
D08.811.641.755.200.....	Dual Specificity Phosphatase 1
D08.811.641.755.250.....	Dual Specificity Phosphatase 2
D08.811.641.755.300.....	Dual Specificity Phosphatase 3
D08.811.641.755.600.....	Dual Specificity Phosphatase 6
D08.811.641.758.....	Fatty Acid Synthase, Type I
D08.811.641.761.....	Lactase-Phlorizin Hydrolase
D08.811.641.765.....	Mitochondrial Trifunctional Protein
D08.811.641.765.200.....	Mitochondrial Trifunctional Protein, alpha Subunit
D08.811.641.765.500.....	Mitochondrial Trifunctional Protein, beta Subunit
D08.811.641.773.....	Peroxisome Proliferator-Induced Protein
D08.811.641.781.....	Peroxisomal Bifunctional Enzyme
D08.811.641.812.....	Peroxisomal Multifunctional Protein-2
D08.811.641.843.....	Phosphofructokinase-2
D08.811.682.....	Oxidoreductases
D08.811.682.047.....	Alcohol Oxidoreductases
D08.811.682.047.150.....	Carbohydrate Dehydrogenases
D08.811.682.047.150.225.....	Fructuronate Reductase
D08.811.682.047.150.250.....	Galactose Dehydrogenases
D08.811.682.047.150.270.....	Glucose Dehydrogenases
D08.811.682.047.150.270.500.....	Glucose 1-Dehydrogenase
D08.811.682.047.150.300.....	Glucosephosphate Dehydrogenase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.047.150.600.....Phosphogluconate Dehydrogenase
D08.811.682.047.150.650.....Phosphoglycerate Dehydrogenase
D08.811.682.047.150.700.....Sugar Alcohol Dehydrogenases
D08.811.682.047.150.700.156.....Aldo-Keto Reductases
D08.811.682.047.150.700.156.500.....Aldehyde Reductase
D08.811.682.047.150.700.156.625.....Aldo-Keto Reductase Family 1 member B10
D08.811.682.047.150.700.156.750.....Aldo-Keto Reductase Family 1 Member C2
D08.811.682.047.150.700.156.875.....Aldo-Keto Reductase Family 1 Member C3
D08.811.682.047.150.700.156.937.....20-alpha-Hydroxysteroid Dehydrogenase
D08.811.682.047.150.700.237.....D-Xylulose Reductase
D08.811.682.047.150.700.400.....Glycerolphosphate Dehydrogenase
D08.811.682.047.150.700.400.500.....Glycerol-3-Phosphate Dehydrogenase (NAD+)
D08.811.682.047.150.700.437.....L-Gulonolactone Oxidase
D08.811.682.047.150.700.475.....L-Iditol 2-Dehydrogenase
D08.811.682.047.150.700.649.....Mannitol Dehydrogenases
D08.811.682.047.150.900.....Uridine Diphosphate Glucose Dehydrogenase
D08.811.682.047.180.....Choline Dehydrogenase
D08.811.682.047.210.....Galactose Oxidase
D08.811.682.047.239.....Glucose Oxidase
D08.811.682.047.436.....Hydroxysteroid Dehydrogenases
D08.811.682.047.436.174.....11-beta-Hydroxysteroid Dehydrogenases
D08.811.682.047.436.174.300.....11-beta-Hydroxysteroid Dehydrogenase Type 1
D08.811.682.047.436.174.600.....11-beta-Hydroxysteroid Dehydrogenase Type 2
D08.811.682.047.436.350.....3-Hydroxysteroid Dehydrogenases
D08.811.682.047.436.350.100.....3-alpha-Hydroxysteroid Dehydrogenase (B-Specific)
D08.811.682.047.436.350.150.....Cholesterol Oxidase
D08.811.682.047.436.350.700.....Progesterone Reductase
D08.811.682.047.436.375.....17-Hydroxysteroid Dehydrogenases
D08.811.682.047.436.375.140.....Aldo-Keto Reductase Family 1 Member C3
D08.811.682.047.436.375.280.....Estradiol Dehydrogenases
D08.811.682.047.436.375.640.....Peroxisomal Multifunctional Protein-2
D08.811.682.047.551.....Lactate Dehydrogenases
D08.811.682.047.551.249.....epsilon-Crystallins
D08.811.682.047.551.400.....L-Lactate Dehydrogenase
D08.811.682.047.551.500.....L-Lactate Dehydrogenase (Cytochrome)
D08.811.682.047.820.....NAD (+) and NADP (+) Dependent Alcohol Oxidoreductases
D08.811.682.047.820.100.....11-beta-Hydroxysteroid Dehydrogenases
D08.811.682.047.820.100.300.....11-beta-Hydroxysteroid Dehydrogenase Type 1
D08.811.682.047.820.100.600.....11-beta-Hydroxysteroid Dehydrogenase Type 2
D08.811.682.047.820.125.....20-Hydroxysteroid Dehydrogenases
D08.811.682.047.820.125.074.....20-alpha-Hydroxysteroid Dehydrogenase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.047.820.125.150.....Cortisone Reductase
D08.811.682.047.820.150.....3-Hydroxyacyl CoA Dehydrogenases
D08.811.682.047.820.150.207.....3-Hydroxyacyl-CoA Dehydrogenase
D08.811.682.047.820.150.207.500.....Peroxisomal Bifunctional Enzyme
D08.811.682.047.820.150.415.....Hydroxymethylglutaryl CoA Reductases
D08.811.682.047.820.150.415.250.....Hydroxymethylglutaryl-CoA Reductases, NAD-Dependent
D08.811.682.047.820.150.415.750.....Hydroxymethylglutaryl-CoA-Reductases, NADP-dependent
D08.811.682.047.820.150.707.....Long-Chain-3-Hydroxyacyl-CoA Dehydrogenase
D08.811.682.047.820.150.707.249.....Mitochondrial Trifunctional Protein
D08.811.682.047.820.150.707.249.500.....Mitochondrial Trifunctional Protein, alpha Subunit
D08.811.682.047.820.150.926.....Peroxisomal Multifunctional Protein-2
D08.811.682.047.820.186.....3-alpha-Hydroxysteroid Dehydrogenase (B-Specific)
D08.811.682.047.820.193.....3-Isopropylmalate Dehydrogenase
D08.811.682.047.820.196.....3-Oxoacyl-(Acyl-Carrier-Protein) Reductase
D08.811.682.047.820.196.500.....Fatty Acid Synthases
D08.811.682.047.820.196.500.099.....Fatty Acid Synthase, Type I
D08.811.682.047.820.196.500.200.....Fatty Acid Synthase, Type II
D08.811.682.047.820.200.....Acetoin Dehydrogenase
D08.811.682.047.820.250.....Alcohol Dehydrogenase
D08.811.682.047.820.284.....Aldo-Keto Reductases
D08.811.682.047.820.284.500.....Aldehyde Reductase
D08.811.682.047.820.284.750.....20-alpha-Hydroxysteroid Dehydrogenase
D08.811.682.047.820.284.813.....Aldo-Keto Reductase Family 1 member B10
D08.811.682.047.820.284.875.....Aldo-Keto Reductase Family 1 Member C2
D08.811.682.047.820.284.937.....Aldo-Keto Reductase Family 1 Member C3
D08.811.682.047.820.289.....Carbonyl Reductase (NADPH)
D08.811.682.047.820.293.....Glycerol-3-Phosphate Dehydrogenase (NAD+)
D08.811.682.047.820.300.....Homoserine Dehydrogenase
D08.811.682.047.820.300.060.....Aspartokinase Homoserine Dehydrogenase
D08.811.682.047.820.350.....Hydroxybutyrate Dehydrogenase
D08.811.682.047.820.375.....Hydroxyprostaglandin Dehydrogenases
D08.811.682.047.820.375.500.....Aldo-Keto Reductase Family 1 Member C3
D08.811.682.047.820.400.....Hydroxypyruvate Reductase
D08.811.682.047.820.450.....IMP Dehydrogenase
D08.811.682.047.820.475.....Isocitrate Dehydrogenase
D08.811.682.047.820.487.....Ketol-Acid Reductoisomerase
D08.811.682.047.820.493.....L-Lactate Dehydrogenase
D08.811.682.047.820.496.....Malate Dehydrogenase
D08.811.682.047.820.498.....Malate Dehydrogenase (NADP+)
D08.811.682.047.820.500.....Progesterone Reductase
D08.811.682.047.820.800.....D-Xylulose Reductase

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.682.047.820.900.....	Short Chain Dehydrogenase-Reductases
D08.811.682.047.820.900.500.....	WW Domain-Containing Oxidoreductase
D08.811.682.047.892.....	Xanthine Dehydrogenase
D08.811.682.047.928.....	Xanthine Oxidase
D08.811.682.113.....	Arsenate Reductases
D08.811.682.180.....	Ascorbate Oxidase
D08.811.682.226.....	Ceruloplasmin
D08.811.682.285.....	Electron Transport Complex IV
D08.811.682.400.....	Hydrogenase
D08.811.682.494.....	Laccase
D08.811.682.517.....	Luciferases
D08.811.682.517.500.....	Luciferases, Bacterial
D08.811.682.517.750.....	Luciferases, Firefly
D08.811.682.517.875.....	Luciferases, Renilla
D08.811.682.550.....	.5,10-Methylenetetrahydrofolate Reductase (FADH2)
D08.811.682.608.....	NADH, NADPH Oxidoreductases
D08.811.682.608.047.....	Apoptosis Inducing Factor
D08.811.682.608.191.....	Cytochrome Reductases
D08.811.682.608.191.237.....	Cytochrome-B(5) Reductase
D08.811.682.608.191.500.....	NADPH-Ferrihemoprotein Reductase
D08.811.682.608.504.....	Electron Transport Complex I
D08.811.682.608.504.500.....	NADH Dehydrogenase
D08.811.682.608.530.....	NADH Tetrazolium Reductase
D08.811.682.608.540.....	NADP Transhydrogenases
D08.811.682.608.540.500.....	NADP Transhydrogenase, AB-Specific
D08.811.682.608.540.750.....	NADP Transhydrogenase, B-Specific
D08.811.682.608.550.....	NADPH Dehydrogenase
D08.811.682.608.575.....	NADPH Oxidases
D08.811.682.608.575.500.....	Dual Oxidases
D08.811.682.608.575.750.....	NADPH Oxidase 1
D08.811.682.608.575.875.....	NADPH Oxidase 2
D08.811.682.608.575.937.....	NADPH Oxidase 4
D08.811.682.608.575.968.....	NADPH Oxidase 5
D08.811.682.608.800.....	Quinone Reductases
D08.811.682.608.800.500.....	NAD(P)H Dehydrogenase (Quinone)
D08.811.682.608.800.500.500.....	zeta-Crystallins
D08.811.682.647.....	Nitrogenase
D08.811.682.647.200.....	Dinitrogenase Reductase
D08.811.682.647.550.....	Molybdoferredoxin
D08.811.682.655.....	Nitroreductases
D08.811.682.655.249.....	GMP Reductase

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.682.655.500.....	Nitrate Reductases
D08.811.682.655.500.124.....	Nitrate Reductase
D08.811.682.655.500.200.....	Nitrate Reductase (NADH)
D08.811.682.655.500.249.....	Nitrate Reductase (NAD(P)H)
D08.811.682.655.500.374.....	Nitrate Reductase (NADPH)
D08.811.682.655.750.....	Nitrite Reductases
D08.811.682.655.750.249.....	Ferredoxin-Nitrite Reductase
D08.811.682.655.750.500.....	Nitrite Reductase (NAD(P)H)
D08.811.682.657.....	Oxidoreductases Acting on Aldehyde or Oxo Group Donors
D08.811.682.657.163.....	Aldehyde Oxidoreductases
D08.811.682.657.163.249.....	Aldehyde Dehydrogenase
D08.811.682.657.163.249.375.....	Aldehyde Dehydrogenase, Mitochondrial
D08.811.682.657.163.249.750.....	omega-Crystallins
D08.811.682.657.163.311.....	Aldehyde Oxidase
D08.811.682.657.163.342.....	Aminomuconate-Semialdehyde Dehydrogenase
D08.811.682.657.163.374.....	Aspartate-Semialdehyde Dehydrogenase
D08.811.682.657.163.468.....	Benzaldehyde Dehydrogenase (NADP+)
D08.811.682.657.163.515.....	Betaine-Aldehyde Dehydrogenase
D08.811.682.657.163.562.....	Glutamate-5-Semialdehyde Dehydrogenase
D08.811.682.657.163.750.....	Glyceraldehyde-3-Phosphate Dehydrogenases
D08.811.682.657.163.750.250.....	Glyceraldehyde 3-Phosphate Dehydrogenase (NADP+)
D08.811.682.657.163.750.300.....	Glyceraldehyde-3-Phosphate Dehydrogenase (NADP+)(Phosphorylating)
D08.811.682.657.163.750.350.....	Glyceraldehyde-3-Phosphate Dehydrogenase (Phosphorylating)
D08.811.682.657.163.781.....	Glycolaldehyde Dehydrogenase
D08.811.682.657.163.796.....	L-Aminoacidipate-Semialdehyde Dehydrogenase
D08.811.682.657.163.812.....	Malonate-Semialdehyde Dehydrogenase (Acetylating)
D08.811.682.657.163.827.....	Methylmalonate-Semialdehyde Dehydrogenase (Acylyating)
D08.811.682.657.163.835.....	Retinal Dehydrogenase
D08.811.682.657.163.843.....	Succinate-Semialdehyde Dehydrogenase
D08.811.682.657.163.875.....	Succinate-Semialdehyde Dehydrogenase (NADP+)
D08.811.682.657.180.....	Formate Dehydrogenases
D08.811.682.657.350.....	Ketone Oxidoreductases
D08.811.682.657.350.750.....	Ketoglutarate Dehydrogenase Complex
D08.811.682.657.350.750.500.....	Dihydrolipoamide Dehydrogenase
D08.811.682.657.350.760.....	3-Methyl-2-Oxobutanoate Dehydrogenase (Lipoamide)
D08.811.682.657.350.825.....	2-Oxoisovalerate Dehydrogenase (Acylyating)
D08.811.682.657.350.875.....	Pyruvate Dehydrogenase (Lipoamide)
D08.811.682.657.350.937.....	Pyruvate Oxidase
D08.811.682.657.350.968.....	Pyruvate Synthase
D08.811.682.660.....	Oxidoreductases Acting on CH-CH Group Donors
D08.811.682.660.150.....	Acyl-CoA Dehydrogenases

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.660.150.100.....Acyl-CoA Dehydrogenase
D08.811.682.660.150.150.....Acyl-CoA Dehydrogenase, Long-Chain
D08.811.682.660.150.200.....Acyl-CoA Oxidase
D08.811.682.660.150.300.....Butyryl-CoA Dehydrogenase
D08.811.682.660.200.....Cholestenone 5 alpha-Reductase
D08.811.682.660.250.....Coproporphyrinogen Oxidase
D08.811.682.660.275.....Dihydrodipicolinate Reductase
D08.811.682.660.300.....Dihydroorotate Oxidase
D08.811.682.660.325.....Dihydrouracil Dehydrogenase (NAD+)
D08.811.682.660.350.....Dihydrouracil Dehydrogenase (NADP)
D08.811.682.660.385.....Electron Transport Complex II
D08.811.682.660.385.500.....Succinate Dehydrogenase
D08.811.682.660.387.....Enoyl-(Acyl-Carrier-Protein) Reductase (NADH)
D08.811.682.660.390.....Enoyl-(Acyl-Carrier Protein) Reductase (NADPH, B-Specific)
D08.811.682.660.425.....Glutaryl-CoA Dehydrogenase
D08.811.682.660.462.....Isovaleryl-CoA Dehydrogenase
D08.811.682.660.465.....3-Oxo-5-alpha-Steroid 4-Dehydrogenase
D08.811.682.660.490.....15-Oxoprostaglandin 13-Reductase
D08.811.682.660.500.....Prephenate Dehydrogenase
D08.811.682.660.600.....Protoporphyrinogen Oxidase
D08.811.682.662.....Oxidoreductases Acting on CH-NH Group Donors
D08.811.682.662.171.....FMN Reductase
D08.811.682.662.217.....Methylenetetrahydrofolate Dehydrogenase (NAD+)
D08.811.682.662.253.....Methylenetetrahydrofolate Dehydrogenase (NADP)
D08.811.682.662.290.....Methylenetetrahydrofolate Reductase (NADPH2)
D08.811.682.662.582.....Oxidoreductases, N-Demethylating
D08.811.682.662.582.138.....AlkB Homolog 4, Lysine Demethylase
D08.811.682.662.582.207.....AlkB Homolog 5, RNA Demethylase
D08.811.682.662.582.242.....Alpha-Ketoglutarate-Dependent Dioxygenase FTO
D08.811.682.662.582.276.....Aminopyrine N-Demethylase
D08.811.682.662.582.338.....Cytochrome P-450 CYP2E1
D08.811.682.662.582.353.....Cytochrome P-450 CYP3A
D08.811.682.662.582.361.....Dihydropteridine Reductase
D08.811.682.662.582.369.....Dimethylglycine Dehydrogenase
D08.811.682.662.582.400.....Ethylmorphine-N-Demethylase
D08.811.682.662.582.475.....Histone Demethylases
D08.811.682.662.582.475.500.....Jumonji Domain-Containing Histone Demethylases
D08.811.682.662.582.475.500.500.....Retinoblastoma-Binding Protein 2
D08.811.682.662.582.550.....Sarcosine Dehydrogenase
D08.811.682.662.582.700.....Sarcosine Oxidase
D08.811.682.662.640.....Proline Oxidase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.662.680.....Pyridoxaminephosphate Oxidase
D08.811.682.662.693.....1-Pyrroline-5-Carboxylate Dehydrogenase
D08.811.682.662.695.....Pyrroline Carboxylate Reductases
D08.811.682.662.750.....Saccharopine Dehydrogenases
D08.811.682.662.825.....Tetrahydrofolate Dehydrogenase
D08.811.682.664.....Oxidoreductases Acting on CH-NH2 Group Donors
D08.811.682.664.249.....Amine Oxidase (Copper-Containing)
D08.811.682.664.500.....Amino Acid Oxidoreductases
D08.811.682.664.500.062.....Alanine Dehydrogenase
D08.811.682.664.500.125.....D-Amino-Acid Oxidase
D08.811.682.664.500.261.....D-Aspartate Oxidase
D08.811.682.664.500.398.....Glutamate Dehydrogenase
D08.811.682.664.500.410.....Glutamate Dehydrogenase (NADP+)
D08.811.682.664.500.470.....Glutamate Synthase
D08.811.682.664.500.484.....Glutamate Synthase (NADH)
D08.811.682.664.500.498.....Glycine Decarboxylase Complex
D08.811.682.664.500.498.500.....Glycine Dehydrogenase (Decarboxylating)
D08.811.682.664.500.526.....Glycine Dehydrogenase
D08.811.682.664.500.677.....L-Amino Acid Oxidase
D08.811.682.664.500.724.....Leucine Dehydrogenase
D08.811.682.664.500.772.....Nitric Oxide Synthase
D08.811.682.664.500.772.249.....Nitric Oxide Synthase Type I
D08.811.682.664.500.772.500.....Nitric Oxide Synthase Type II
D08.811.682.664.500.772.750.....Nitric Oxide Synthase Type III
D08.811.682.664.500.810.....Proline Oxidase
D08.811.682.664.500.848.....Protein-Lysine 6-Oxidase
D08.811.682.664.500.924.....Valine Dehydrogenase (NADP+)
D08.811.682.664.750.....Monoamine Oxidase
D08.811.682.664.750.100.....Benzylamine Oxidase
D08.811.682.667.....Oxidoreductases Acting on Sulfur Group Donors
D08.811.682.667.061.....Dihydropyrimidine Dehydrogenase
D08.811.682.667.076.....Ferredoxin-NADP Reductase
D08.811.682.667.084.....Glutaredoxins
D08.811.682.667.092.....Glutathione Reductase
D08.811.682.667.124.....Hydrogensulfite Reductase
D08.811.682.667.186.....Protein Disulfide Reductase (Glutathione)
D08.811.682.667.217.....Sulfite Dehydrogenase
D08.811.682.667.249.....Sulfite Oxidase
D08.811.682.667.374.....Sulfite Reductase (Ferredoxin)
D08.811.682.667.500.....Sulfite Reductase (NADPH)
D08.811.682.667.750.....Thioredoxin-Disulfide Reductase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.667.750.500.....Thioredoxin Reductase 1
D08.811.682.667.750.750.....Thioredoxin Reductase 2
D08.811.682.670.....Oxidoreductases, O-Demethylating
D08.811.682.670.550.....Nitroanisole O-Demethylase
D08.811.682.690.....Oxygenases
D08.811.682.690.416.....Dioxygenases
D08.811.682.690.416.139.....AlkB Enzymes
D08.811.682.690.416.139.500.....AlkB Homolog 1, Histone H2a Dioxygenase
D08.811.682.690.416.139.750.....AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase
D08.811.682.690.416.139.875.....AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase
D08.811.682.690.416.139.937.....AlkB Homolog 4, Lysine Demethylase
D08.811.682.690.416.139.968.....AlkB Homolog 5, RNA Demethylase
D08.811.682.690.416.139.984.....AlkB Homolog 8, tRNA Methyltransferase
D08.811.682.690.416.139.992.....Alpha-Ketoglutarate-Dependent Dioxygenase FTO
D08.811.682.690.416.277.....Catechol 1,2-Dioxygenase
D08.811.682.690.416.305.....Catechol 2,3-Dioxygenase
D08.811.682.690.416.319.....Cysteine Dioxygenase
D08.811.682.690.416.326.....Homogentisate 1,2-Dioxygenase
D08.811.682.690.416.328.....3-Hydroxyanthranilate 3,4-Dioxygenase
D08.811.682.690.416.330.....4-Hydroxyphenylpyruvate Dioxygenase
D08.811.682.690.416.333.....Indoleamine-Pyrrole 2,3,-Dioxygenase
D08.811.682.690.416.388.....Jumonji Domain-Containing Histone Demethylases
D08.811.682.690.416.388.200.....Retinoblastoma-Binding Protein 2
D08.811.682.690.416.583.....Lipoxygenases
D08.811.682.690.416.583.500.....Arachidonate Lipoxygenases
D08.811.682.690.416.583.500.055.....Arachidonate 5-Lipoxygenase
D08.811.682.690.416.583.500.060.....Arachidonate 12-Lipoxygenase
D08.811.682.690.416.583.500.065.....Arachidonate 15-Lipoxygenase
D08.811.682.690.416.583.625.....Lipoxygenase
D08.811.682.690.416.617.....Prolyl Hydroxylases
D08.811.682.690.416.617.500.....Hypoxia-Inducible Factor-Proline Dioxygenases
D08.811.682.690.416.617.750.....Procollagen-Proline Dioxygenase
D08.811.682.690.416.652.....Protocatechuate-3,4-Dioxygenase
D08.811.682.690.416.722.....Tryptophan Oxygenase
D08.811.682.690.562.....Inositol Oxygenase
D08.811.682.690.708.....Mixed Function Oxygenases
D08.811.682.690.708.062.....Benzoate 4-Monooxygenase
D08.811.682.690.708.125.....Catechol Oxidase
D08.811.682.690.708.125.500.....Monophenol Monooxygenase
D08.811.682.690.708.170.....Cytochrome P-450 Enzyme System
D08.811.682.690.708.170.010.....Aryl Hydrocarbon Hydroxylases



## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.682.690.708.170.010.024.....	7-Alkoxy coumarin O-Dealkylase
D08.811.682.690.708.170.010.050.....	Aniline Hydroxylase
D08.811.682.690.708.170.010.110.....	Benzopyrene Hydroxylase
D08.811.682.690.708.170.010.277.....	Cytochrome P-450 CYP1A1
D08.811.682.690.708.170.010.443.....	Cytochrome P-450 CYP1A2
D08.811.682.690.708.170.010.500.....	Cytochrome P-450 CYP1B1
D08.811.682.690.708.170.010.550.....	Cytochrome P-450 CYP2B1
D08.811.682.690.708.170.010.575.....	Cytochrome P-450 CYP2B6
D08.811.682.690.708.170.010.590.....	Cytochrome P-450 CYP2C8
D08.811.682.690.708.170.010.600.....	Cytochrome P-450 CYP2D6
D08.811.682.690.708.170.012.....	Camphor 5-Monooxygenase
D08.811.682.690.708.170.020.....	Cytochrome P450 Family 1
D08.811.682.690.708.170.020.500.....	Cytochrome P-450 CYP1A1
D08.811.682.690.708.170.020.750.....	Cytochrome P-450 CYP1A2
D08.811.682.690.708.170.020.875.....	Cytochrome P-450 CYP1B1
D08.811.682.690.708.170.425.....	Cytochrome P450 Family 11
D08.811.682.690.708.170.425.250.....	Cholesterol Side-Chain Cleavage Enzyme
D08.811.682.690.708.170.425.500.....	Cytochrome P-450 CYP11B2
D08.811.682.690.708.170.425.750.....	Steroid 11-beta-Hydroxylase
D08.811.682.690.708.170.438.....	Cytochrome P450 Family 12
D08.811.682.690.708.170.444.....	Cytochrome P450 Family 17
D08.811.682.690.708.170.444.500.....	Steroid 17-alpha-Hydroxylase
D08.811.682.690.708.170.447.....	Cytochrome P450 Family 19
D08.811.682.690.708.170.447.500.....	Aromatase
D08.811.682.690.708.170.450.....	Cytochrome P450 Family 2
D08.811.682.690.708.170.450.250.....	Cytochrome P-450 CYP2A6
D08.811.682.690.708.170.450.313.....	Cytochrome P-450 CYP2B1
D08.811.682.690.708.170.450.344.....	Cytochrome P-450 CYP2B6
D08.811.682.690.708.170.450.360.....	Cytochrome P-450 CYP2C8
D08.811.682.690.708.170.450.368.....	Cytochrome P-450 CYP2D6
D08.811.682.690.708.170.450.375.....	Cytochrome P-450 CYP2E1
D08.811.682.690.708.170.450.500.....	Limonene Hydroxylases
D08.811.682.690.708.170.450.500.500.....	Cytochrome P-450 CYP2C9
D08.811.682.690.708.170.450.500.700.....	Cytochrome P-450 CYP2C19
D08.811.682.690.708.170.463.....	Cytochrome P450 Family 21
D08.811.682.690.708.170.463.500.....	Steroid 21-Hydroxylase
D08.811.682.690.708.170.469.....	Cytochrome P450 Family 24
D08.811.682.690.708.170.469.500.....	Vitamin D3 24-Hydroxylase
D08.811.682.690.708.170.485.....	Cytochrome P450 Family 26
D08.811.682.690.708.170.485.500.....	Retinoic Acid 4-Hydroxylase
D08.811.682.690.708.170.493.....	Cytochrome P450 Family 27

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.682.690.708.170.493.500.....	25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D08.811.682.690.708.170.493.750.....	Cholestanetriol 26-Monooxygenase
D08.811.682.690.708.170.495.....	Cytochrome P450 Family 3
D08.811.682.690.708.170.495.500.....	Cytochrome P-450 CYP3A
D08.811.682.690.708.170.496.....	Cytochrome P450 Family 4
D08.811.682.690.708.170.496.500.....	Cytochrome P-450 CYP4A
D08.811.682.690.708.170.497.....	Cytochrome P450 Family 46
D08.811.682.690.708.170.497.500.....	Cholesterol 24-Hydroxylase
D08.811.682.690.708.170.499.....	Cytochrome P450 Family 51
D08.811.682.690.708.170.499.500.....	Sterol 14-Demethylase
D08.811.682.690.708.170.880.....	Cytochrome P450 Family 6
D08.811.682.690.708.170.890.....	Cytochrome P450 Family 7
D08.811.682.690.708.170.890.500.....	Cholesterol 7-alpha-Hydroxylase
D08.811.682.690.708.170.900.....	Cytochrome P450 Family 8
D08.811.682.690.708.170.900.500.....	Steroid 12-alpha-Hydroxylase
D08.811.682.690.708.170.915.....	Steroid Hydroxylases
D08.811.682.690.708.170.915.025.....	Cholesterol 24-Hydroxylase
D08.811.682.690.708.170.915.050.....	Cytochrome P-450 CYP11B2
D08.811.682.690.708.170.915.099.....	Aromatase
D08.811.682.690.708.170.915.150.....	Cholestanetriol 26-Monooxygenase
D08.811.682.690.708.170.915.200.....	Cholesterol 7-alpha-Hydroxylase
D08.811.682.690.708.170.915.212.....	Cholesterol Side-Chain Cleavage Enzyme
D08.811.682.690.708.170.915.400.....	25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D08.811.682.690.708.170.915.730.....	Steroid 12-alpha-Hydroxylase
D08.811.682.690.708.170.915.737.....	Steroid 16-alpha-Hydroxylase
D08.811.682.690.708.170.915.748.....	Steroid 17-alpha-Hydroxylase
D08.811.682.690.708.170.915.750.....	Steroid 11-beta-Hydroxylase
D08.811.682.690.708.170.915.760.....	Steroid 21-Hydroxylase
D08.811.682.690.708.170.915.880.....	Sterol 14-Demethylase
D08.811.682.690.708.292.....	Dopamine beta-Hydroxylase
D08.811.682.690.708.392.....	Fatty Acid Desaturases
D08.811.682.690.708.392.312.....	beta-Carotene 15,15'-Monooxygenase
D08.811.682.690.708.392.468.....	Linoleoyl-CoA Desaturase
D08.811.682.690.708.392.625.....	Stearoyl-CoA Desaturase
D08.811.682.690.708.401.....	gamma-Butyrobetaine Dioxygenase
D08.811.682.690.708.410.....	Heme Oxygenase (Decyclizing)
D08.811.682.690.708.410.500.....	Heme Oxygenase-1
D08.811.682.690.708.425.....	4-Hydroxybenzoate-3-Monooxygenase
D08.811.682.690.708.557.....	Kynurenine 3-Monooxygenase
D08.811.682.690.708.601.....	Phenylalanine Hydroxylase
D08.811.682.690.708.660.....	Procollagen-Lysine, 2-Oxoglutarate 5-Dioxygenase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.682.690.708.694.....Prolyl Hydroxylases
D08.811.682.690.708.694.500.....Hypoxia-Inducible Factor-Proline Dioxygenases
D08.811.682.690.708.694.750.....Procollagen-Proline Dioxygenase
D08.811.682.690.708.715.....Prostaglandin-Endoperoxide Synthases
D08.811.682.690.708.749.....Squalene Monooxygenase
D08.811.682.690.708.826.....Trans-Cinnamate 4-Monooxygenase
D08.811.682.690.708.870.....Tryptophan Hydroxylase
D08.811.682.690.708.923.....Tyrosine 3-Monooxygenase
D08.811.682.690.708.961.....Vitamin K Epoxide Reductases
D08.811.682.730.....Methionine Sulfoxide Reductases
D08.811.682.732.....Peroxidases
D08.811.682.732.165.....Ascorbate Peroxidases
D08.811.682.732.332.....Catalase
D08.811.682.732.360.....Chloride Peroxidase
D08.811.682.732.380.....Cytochrome-c Peroxidase
D08.811.682.732.440.....Eosinophil Peroxidase
D08.811.682.732.500.....Glutathione Peroxidase
D08.811.682.732.512.....Horseradish Peroxidase
D08.811.682.732.512.900.....Wheat Germ Agglutinin-Horseradish Peroxidase Conjugate
D08.811.682.732.525.....Iodide Peroxidase
D08.811.682.732.550.....Lactoperoxidase
D08.811.682.732.700.....Peroxidase
D08.811.682.732.850.....Peroxiredoxins
D08.811.682.732.850.249.....Peroxiredoxin III
D08.811.682.732.850.500.....Peroxiredoxin VI
D08.811.682.771.....Plastoquinol-Plastocyanin Reductase
D08.811.682.810.....Ribonucleotide Reductases
D08.811.682.810.567.....Ribonucleoside Diphosphate Reductase
D08.811.682.830.....Succinate Cytochrome c Oxidoreductase
D08.811.682.830.249.....Electron Transport Complex II
D08.811.682.830.249.500.....Succinate Dehydrogenase
D08.811.682.830.500.....Electron Transport Complex III
D08.811.682.881.....Superoxide Dismutase
D08.811.682.881.500.....Superoxide Dismutase-1
D08.811.682.943.....Urate Oxidase
D08.811.710.....Penicillin-Binding Proteins
D08.811.739.....Recombinases
D08.811.739.250.....Holliday Junction Resolvases
D08.811.739.500.....Integrases
D08.811.739.500.667.....Transposases
D08.811.739.500.667.500.....HIV Integrase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.739.650.....Rec A Recombinases
D08.811.739.650.500.....Rad51 Recombinase
D08.811.739.800.....Transposon Resolvases
D08.811.739.900.....VDJ Recombinases
D08.811.797.....RNA, Catalytic
D08.811.797.500.....Ribonuclease P
D08.811.797.750.....RNA, Ribosomal, Self-Splicing
D08.811.913.....Transferases
D08.811.913.050.....Acyltransferases
D08.811.913.050.080.....Acetyl-CoA C-Acyltransferase
D08.811.913.050.080.249.....Mitochondrial Trifunctional Protein
D08.811.913.050.080.249.500.....Mitochondrial Trifunctional Protein, beta Subunit
D08.811.913.050.134.....Acetyltransferases
D08.811.913.050.134.025.....Acetyl-CoA C-Acetyltransferase
D08.811.913.050.134.029.....Acyl-Carrier Protein S-Acetyltransferase
D08.811.913.050.134.029.500.....Fatty Acid Synthases
D08.811.913.050.134.029.500.100.....Fatty Acid Synthase, Type I
D08.811.913.050.134.029.500.200.....Fatty Acid Synthase, Type II
D08.811.913.050.134.105.....Amino-Acid N-Acetyltransferase
D08.811.913.050.134.127.....Arylalkylamine N-Acetyltransferase
D08.811.913.050.134.138.....Arylamine N-Acetyltransferase
D08.811.913.050.134.150.....Carnitine O-Acetyltransferase
D08.811.913.050.134.170.....Chloramphenicol O-Acetyltransferase
D08.811.913.050.134.180.....Choline O-Acetyltransferase
D08.811.913.050.134.310.....Dihydrolipoylysine-Residue Acetyltransferase
D08.811.913.050.134.375.....Glucosamine 6-Phosphate N-Acetyltransferase
D08.811.913.050.134.415.....Lysine Acetyltransferases
D08.811.913.050.134.415.500.....Histone Acetyltransferases
D08.811.913.050.134.415.500.049.....CLOCK Proteins
D08.811.913.050.134.415.500.062.....Lysine Acetyltransferase 5
D08.811.913.050.134.415.500.074.....N-Terminal Acetyltransferase D
D08.811.913.050.134.415.500.100.....Nuclear Receptor Coactivator 1
D08.811.913.050.134.415.500.150.....Nuclear Receptor Coactivator 3
D08.811.913.050.134.415.500.575.....p300-CBP Transcription Factors
D08.811.913.050.134.415.500.575.249.....CREB-Binding Protein
D08.811.913.050.134.415.500.575.600.....E1A-Associated p300 Protein
D08.811.913.050.134.423.....N-Terminal Acetyltransferases
D08.811.913.050.134.423.100.....N-Terminal Acetyltransferase A
D08.811.913.050.134.423.200.....N-Terminal Acetyltransferase B
D08.811.913.050.134.423.300.....N-Terminal Acetyltransferase C
D08.811.913.050.134.423.400.....N-Terminal Acetyltransferase D

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.050.134.423.500.....N-Terminal Acetyltransferase E
D08.811.913.050.134.423.600.....N-Terminal Acetyltransferase F
D08.811.913.050.134.700.....Phosphate Acetyltransferase
D08.811.913.050.134.850.....Serine O-Acetyltransferase
D08.811.913.050.170.....Acyl-Carrier Protein S-Malonyltransferase
D08.811.913.050.170.500.....Fatty Acid Synthases
D08.811.913.050.170.500.100.....Fatty Acid Synthase, Type I
D08.811.913.050.170.500.200.....Fatty Acid Synthase, Type II
D08.811.913.050.173.....1-Acylglycerol-3-Phosphate O-Acyltransferase
D08.811.913.050.175.....1-Acylglycerophosphocholine O-Acyltransferase
D08.811.913.050.200.....Aminoacyltransferases
D08.811.913.050.200.400.....gamma-Glutamylcyclotransferase
D08.811.913.050.200.500.....gamma-Glutamyltransferase
D08.811.913.050.200.700.....Peptidyl Transferases
D08.811.913.050.200.800.....Transglutaminases
D08.811.913.050.200.800.300.....Factor XIIIa
D08.811.913.050.276.....5-Aminolevulinate Synthetase
D08.811.913.050.331.....ATP Citrate (pro-S)-Lyase
D08.811.913.050.350.....Carnitine Acyltransferases
D08.811.913.050.350.170.....Carnitine O-Acetyltransferase
D08.811.913.050.350.200.....Carnitine O-Palmitoyltransferase
D08.811.913.050.368.....Citrate (si)-Synthase
D08.811.913.050.387.....Diacylglycerol O-Acyltransferase
D08.811.913.050.425.....Glycerol-3-Phosphate O-Acyltransferase
D08.811.913.050.600.....Homoserine O-Succinyltransferase
D08.811.913.050.612.....Hydroxymethylglutaryl-CoA Synthase
D08.811.913.050.614.....2-Isopropylmalate Synthase
D08.811.913.050.618.....Malate Synthase
D08.811.913.050.622.....3-Oxoacyl-(Acyl-Carrier-Protein) Synthase
D08.811.913.050.625.....Phosphatidylcholine-Sterol O-Acyltransferase
D08.811.913.050.646.....Retinol O-Fatty-Acyltransferase
D08.811.913.050.668.....Serine C-Palmitoyltransferase
D08.811.913.050.712.....Sphingosine N-Acyltransferase
D08.811.913.050.799.....Sterol O-Acyltransferase
D08.811.913.200.....Aldehyde-Ketone Transferases
D08.811.913.200.324.....Acetolactate Synthase
D08.811.913.200.650.....Transaldolase
D08.811.913.200.825.....Transketolase
D08.811.913.225.....Alkyl and Aryl Transferases
D08.811.913.225.224.....Cysteine Synthase
D08.811.913.225.250.....3-Deoxy-7-Phosphoheptulonate Synthase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.225.300.....Dihydropteroate Synthase
D08.811.913.225.400.....Dimethylallyltransferase
D08.811.913.225.431.....Farnesyl-Diphosphate Farnesyltransferase
D08.811.913.225.437.....Farnesyltransferase
D08.811.913.225.443.....Geranylgeranyl-Diphosphate Geranylgeranyltransferase
D08.811.913.225.450.....Geranyltransferase
D08.811.913.225.500.....Glutathione Transferase
D08.811.913.225.500.500.....Glutathione S-Transferase pi
D08.811.913.225.575.....Hydroxymethylbilane Synthase
D08.811.913.225.650.....Methionine Adenosyltransferase
D08.811.913.225.735.....3-Phosphoshikimate 1-Carboxyvinyltransferase
D08.811.913.225.750.....Riboflavin Synthase
D08.811.913.225.825.....Spermidine Synthase
D08.811.913.225.912.....Spermine Synthase
D08.811.913.400.....Glycosyltransferases
D08.811.913.400.100.....N-Acetylhexosaminyltransferases
D08.811.913.400.100.200.....N-Acetylgalactosaminyltransferases
D08.811.913.400.100.200.300.....Fucosyl Galactose alpha-N-Acetylgalactosaminyltransferase
D08.811.913.400.100.250.....N-Acetylglucosaminyltransferases
D08.811.913.400.450.....Hexosyltransferases
D08.811.913.400.450.300.....Fucosyltransferases
D08.811.913.400.450.400.....Galactosyltransferases
D08.811.913.400.450.400.450.....beta-N-Acetylglucosaminylglycopeptide beta-1,4-Galactosyltransferase
D08.811.913.400.450.400.460.....N-Acylsphingosine Galactosyltransferase
D08.811.913.400.450.400.475.....Ganglioside Galactosyltransferase
D08.811.913.400.450.400.500.....Lactose Synthase
D08.811.913.400.450.400.500.100.....N-Acetyllactosamine Synthase
D08.811.913.400.450.460.....Glucosyltransferases
D08.811.913.400.450.460.100.....1,4-alpha-Glucan Branching Enzyme
D08.811.913.400.450.460.200.....Chitin Synthase
D08.811.913.400.450.460.350.....Glycogen Debranching Enzyme System
D08.811.913.400.450.460.375.....Glycogen Synthase
D08.811.913.400.450.460.400.....Phosphorylases
D08.811.913.400.450.460.400.186.....Glycogen Phosphorylase
D08.811.913.400.450.460.400.186.061.....Glycogen Phosphorylase, Brain Form
D08.811.913.400.450.460.400.186.124.....Glycogen Phosphorylase, Liver Form
D08.811.913.400.450.460.400.186.312.....Glycogen Phosphorylase, Muscle Form
D08.811.913.400.450.460.400.280.....Phosphorylase a
D08.811.913.400.450.460.400.327.....Phosphorylase b
D08.811.913.400.450.460.400.374.....Starch Phosphorylase
D08.811.913.400.450.460.750.....Starch Synthase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.400.450.480.....Glucuronosyltransferase
D08.811.913.400.450.480.500.....Hyaluronan Synthases
D08.811.913.400.450.560.....Mannosyltransferases
D08.811.913.400.450.780.....Peptidoglycan Glycosyltransferase
D08.811.913.400.725.....Pentosyltransferases
D08.811.913.400.725.100.....Adenine Phosphoribosyltransferase
D08.811.913.400.725.115.....ADP Ribose Transferases
D08.811.913.400.725.115.180.....Cholera Toxin
D08.811.913.400.725.115.220.....Diphtheria Toxin
D08.811.913.400.725.115.660.....NAD+ Nucleosidase
D08.811.913.400.725.115.660.060.....ADP-ribosyl Cyclase
D08.811.913.400.725.115.680.....Pertussis Toxin
D08.811.913.400.725.115.690.....Poly(ADP-ribose) Polymerases
D08.811.913.400.725.115.690.420.....Poly (ADP-Ribose) Polymerase-1
D08.811.913.400.725.115.690.840.....Tankyrases
D08.811.913.400.725.115.961.....Sirtuins
D08.811.913.400.725.115.961.200.....Sirtuin 2
D08.811.913.400.725.115.961.600.....Sirtuin 3
D08.811.913.400.725.130.....Amidophosphoribosyltransferase
D08.811.913.400.725.160.....Anthranilate Phosphoribosyltransferase
D08.811.913.400.725.200.....ATP Phosphoribosyltransferase
D08.811.913.400.725.450.....Hypoxanthine Phosphoribosyltransferase
D08.811.913.400.725.575.....Nicotinamide Phosphoribosyltransferase
D08.811.913.400.725.700.....Orotate Phosphoribosyltransferase
D08.811.913.400.725.800.....Purine-Nucleoside Phosphorylase
D08.811.913.400.725.850.....Pyrimidine Phosphorylases
D08.811.913.400.725.850.500.....Thymidine Phosphorylase
D08.811.913.400.725.850.750.....Uridine Phosphorylase
D08.811.913.400.800.....Sialyltransferases
D08.811.913.477.....Nitrogenous Group Transferases
D08.811.913.477.700.....Transaminases
D08.811.913.477.700.100.....Alanine Transaminase
D08.811.913.477.700.120.....2-Aminoadipate Transaminase
D08.811.913.477.700.200.....4-Aminobutyrate Transaminase
D08.811.913.477.700.225.....Aspartate Aminotransferases
D08.811.913.477.700.225.249.....Aspartate Aminotransferase, Cytoplasmic
D08.811.913.477.700.225.500.....Aspartate Aminotransferase, Mitochondrial
D08.811.913.477.700.286.....beta-Alanine-Pyruvate Transaminase
D08.811.913.477.700.347.....D-Alanine Transaminase
D08.811.913.477.700.470.....Glutamate Synthase
D08.811.913.477.700.500.....Glutamine-Fructose-6-Phosphate Transaminase (Isomerizing)

## 2018 MeSH Tree Hierarchy

Tree location	
D08.811.913.477.700.525.....	Glycine Transaminase
D08.811.913.477.700.535.....	Leucine Transaminase
D08.811.913.477.700.550.....	L-Lysine 6-Transaminase
D08.811.913.477.700.700.....	Ornithine-Oxo-Acid Transaminase
D08.811.913.477.700.800.....	Succinyl-diaminopimelate Transaminase
D08.811.913.477.700.850.....	Tryptophan Transaminase
D08.811.913.477.700.900.....	Tyrosine Transaminase
D08.811.913.555.....	One-Carbon Group Transferases
D08.811.913.555.150.....	Amidino transferases
D08.811.913.555.275.....	Carboxyl and Carbamoyl Transferases
D08.811.913.555.275.200.....	Aspartate Carbamoyltransferase
D08.811.913.555.275.600.....	Ornithine Carbamoyltransferase
D08.811.913.555.400.....	Hydroxymethyl and Formyl Transferases
D08.811.913.555.400.100.....	Aminomethyltransferase
D08.811.913.555.400.300.....	Glutamate Formimidoyltransferase
D08.811.913.555.400.500.....	Glycine Hydroxymethyltransferase
D08.811.913.555.400.625.....	Phosphoribosylaminoimidazolecarboxamide Formyltransferase
D08.811.913.555.400.750.....	Phosphoribosylglycinamide Formyltransferase
D08.811.913.555.500.....	Methyltransferases
D08.811.913.555.500.100.....	Acetylserotonin O-Methyltransferase
D08.811.913.555.500.175.....	Betaine-Homocysteine S-Methyltransferase
D08.811.913.555.500.250.....	Catechol O-Methyltransferase
D08.811.913.555.500.350.....	DNA Modification Methylases
D08.811.913.555.500.350.100.....	DNA-Cytosine Methylases
D08.811.913.555.500.350.100.500.....	DNA (Cytosine-5-)-Methyltransferases
D08.811.913.555.500.350.100.500.500.....	DNA (Cytosine-5-)-Methyltransferase 1
D08.811.913.555.500.350.100.750.....	Site-Specific DNA-Methyltransferase (Cytosine-N(4)-Specific)
D08.811.913.555.500.350.700.....	Site-Specific DNA-Methyltransferase (Adenine-Specific)
D08.811.913.555.500.387.....	Glycine N-Methyltransferase
D08.811.913.555.500.425.....	Guanidinoacetate N-Methyltransferase
D08.811.913.555.500.500.....	Histamine N-Methyltransferase
D08.811.913.555.500.625.....	Homocysteine S-Methyltransferase
D08.811.913.555.500.645.....	5-Methyltetrahydrofolate-Homocysteine S-Methyltransferase
D08.811.913.555.500.650.....	Nicotinamide N-Methyltransferase
D08.811.913.555.500.700.....	Phenylethanolamine N-Methyltransferase
D08.811.913.555.500.710.....	Phosphatidyl-N-Methylethanolamine N-Methyltransferase
D08.811.913.555.500.712.....	Phosphatidylethanolamine N-Methyltransferase
D08.811.913.555.500.800.....	Protein Methyltransferases
D08.811.913.555.500.800.400.....	Histone-Lysine N-Methyltransferase
D08.811.913.555.500.800.400.500.....	Polycomb Repressive Complex 2
D08.811.913.555.500.800.400.500.500.....	Enhancer of Zeste Homolog 2 Protein



## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.555.500.800.650.....O(6)-Methylguanine-DNA Methyltransferase
D08.811.913.555.500.800.700.....Positive Regulatory Domain I-Binding Factor 1
D08.811.913.555.500.800.750.....Protein-Arginine N-Methyltransferases
D08.811.913.555.500.800.800.....Protein O-Methyltransferase
D08.811.913.555.500.800.800.700.....Protein D-Aspartate-L-Isoaspartate Methyltransferase
D08.811.913.555.500.862.....Thymidylate Synthase
D08.811.913.555.500.925.....tRNA Methyltransferases
D08.811.913.555.500.925.500.....AlkB Homolog 8, tRNA Methyltransferase
D08.811.913.696.....Phosphotransferases
D08.811.913.696.175.....Diphosphotransferases
D08.811.913.696.175.300.....GTP Pyrophosphokinase
D08.811.913.696.175.650.....Ribose-Phosphate Pyrophosphokinase
D08.811.913.696.175.825.....Thiamin Pyrophosphokinase
D08.811.913.696.310.....Myosin Type III
D08.811.913.696.445.....Nucleotidyltransferases
D08.811.913.696.445.035.....N-Acylneuraminate Cytidyltransferase
D08.811.913.696.445.184.....Choline-Phosphate Cytidyltransferase
D08.811.913.696.445.308.....DNA Nucleotidyltransferases
D08.811.913.696.445.308.300.....DNA-Directed DNA Polymerase
D08.811.913.696.445.308.300.112.....DNA Polymerase beta
D08.811.913.696.445.308.300.169.....DNA Polymerase gamma
D08.811.913.696.445.308.300.225.....DNA Polymerase I
D08.811.913.696.445.308.300.230.....DNA Polymerase II
D08.811.913.696.445.308.300.235.....DNA Polymerase III
D08.811.913.696.445.308.300.750.....RNA-Directed DNA Polymerase
D08.811.913.696.445.308.300.750.187.....HIV Reverse Transcriptase
D08.811.913.696.445.308.300.750.750.....Telomerase
D08.811.913.696.445.308.300.875.....Taq Polymerase
D08.811.913.696.445.308.325.....DNA Nucleotidylexotransferase
D08.811.913.696.445.400.....Glucose-1-Phosphate Adenylyltransferase
D08.811.913.696.445.600.....Nicotinamide-Nucleotide Adenylyltransferase
D08.811.913.696.445.625.....2',5'-Oligoadenylate Synthetase
D08.811.913.696.445.650.....Polynucleotide Adenylyltransferase
D08.811.913.696.445.692.....Rec A Recombinases
D08.811.913.696.445.735.....RNA Nucleotidyltransferases
D08.811.913.696.445.735.265.....DNA, Catalytic
D08.811.913.696.445.735.270.....DNA-Directed RNA Polymerases
D08.811.913.696.445.735.270.375.....DNA Primase
D08.811.913.696.445.735.270.750.....RNA Polymerase I
D08.811.913.696.445.735.270.762.....RNA Polymerase II
D08.811.913.696.445.735.270.775.....RNA Polymerase III

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.445.735.270.887.....RNA Polymerase Sigma 54
D08.811.913.696.445.735.532.....Polyribonucleotide Nucleotidyltransferase
D08.811.913.696.445.735.630.....Q beta Replicase
D08.811.913.696.445.735.720.....RNA Helicases
D08.811.913.696.445.735.720.249.....DEAD-box RNA Helicases
D08.811.913.696.445.735.720.249.500.....DEAD Box Protein 20
D08.811.913.696.445.735.720.249.750.....DEAD Box Protein 58
D08.811.913.696.445.735.720.249.875.....Interferon-Induced Helicase, IFIH1
D08.811.913.696.445.735.720.500.....Eukaryotic Initiation Factor-4A
D08.811.913.696.445.735.780.....RNA Replicase
D08.811.913.696.445.735.917.....RNA, Ribosomal, Self-Splicing
D08.811.913.696.445.800.....Sulfate Adenylyltransferase
D08.811.913.696.445.825.....Transposases
D08.811.913.696.445.825.500.....HIV Integrase
D08.811.913.696.445.837.....Transposon Resolvases
D08.811.913.696.445.850.....UDPglucose-Hexose-1-Phosphate Uridyltransferase
D08.811.913.696.445.875.....UTP-Glucose-1-Phosphate Uridyltransferase
D08.811.913.696.445.900.....UTP-Hexose-1-Phosphate Uridyltransferase
D08.811.913.696.445.950.....VDJ Recombinases
D08.811.913.696.620.....Phosphotransferases (Alcohol Group Acceptor)
D08.811.913.696.620.010.....Adenosine Kinase
D08.811.913.696.620.155.....Choline Kinase
D08.811.913.696.620.175.....Deoxycytidine Kinase
D08.811.913.696.620.200.....Diacylglycerol Kinase
D08.811.913.696.620.225.....Fructokinases
D08.811.913.696.620.225.850.....Phosphofructokinases
D08.811.913.696.620.225.850.500.....Phosphofructokinase-1
D08.811.913.696.620.225.850.500.249.....Phosphofructokinase-1, Liver Type
D08.811.913.696.620.225.850.500.500.....Phosphofructokinase-1, Muscle Type
D08.811.913.696.620.225.850.500.750.....Phosphofructokinase-1, Type C
D08.811.913.696.620.225.850.750.....Phosphofructokinase-2
D08.811.913.696.620.240.....Galactokinase
D08.811.913.696.620.250.....Glucokinase
D08.811.913.696.620.275.....Glycerol Kinase
D08.811.913.696.620.300.....Hexokinase
D08.811.913.696.620.475.....Kanamycin Kinase
D08.811.913.696.620.500.....Phosphatidylinositol 3-Kinases
D08.811.913.696.620.500.100.....Phosphatidylinositol 3-Kinase
D08.811.913.696.620.500.100.100.....Class I Phosphatidylinositol 3-Kinases
D08.811.913.696.620.500.100.100.100.....Class Ia Phosphatidylinositol 3-Kinase
D08.811.913.696.620.500.100.100.200.....Class Ib Phosphatidylinositol 3-Kinase

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.500.100.200.....Class II Phosphatidylinositol 3-Kinases
D08.811.913.696.620.500.100.300.....Class III Phosphatidylinositol 3-Kinases
D08.811.913.696.620.500.100.300.500.....Vacuolar Sorting Protein VPS15
D08.811.913.696.620.500.200.....Phosphatidylinositol-4-Phosphate 3-Kinase
D08.811.913.696.620.500.200.100.....Class I Phosphatidylinositol 3-Kinases
D08.811.913.696.620.500.200.100.100.....Class Ia Phosphatidylinositol 3-Kinase
D08.811.913.696.620.500.200.100.200.....Class Ib Phosphatidylinositol 3-Kinase
D08.811.913.696.620.500.200.200.....Class II Phosphatidylinositol 3-Kinases
D08.811.913.696.620.550.....1-Phosphatidylinositol 4-Kinase
D08.811.913.696.620.650.....Phosphoenolpyruvate Sugar Phosphotransferase System
D08.811.913.696.620.680.....Polynucleotide 5'-Hydroxyl-Kinase
D08.811.913.696.620.682.....Protein Kinases
D08.811.913.696.620.682.324.....Connectin
D08.811.913.696.620.682.650.....Phosphorylase Kinase
D08.811.913.696.620.682.675.....Histidine Kinase
D08.811.913.696.620.682.700.....Protein-Serine-Threonine Kinases
D08.811.913.696.620.682.700.062.....Activin Receptors
D08.811.913.696.620.682.700.062.500.....Activin Receptors, Type I
D08.811.913.696.620.682.700.062.750.....Activin Receptors, Type II
D08.811.913.696.620.682.700.085.....AMP-Activated Protein Kinases
D08.811.913.696.620.682.700.097.....Ataxia Telangiectasia Mutated Proteins
D08.811.913.696.620.682.700.103.....Aurora Kinases
D08.811.913.696.620.682.700.103.500.....Aurora Kinase A
D08.811.913.696.620.682.700.103.750.....Aurora Kinase B
D08.811.913.696.620.682.700.103.875.....Aurora Kinase C
D08.811.913.696.620.682.700.108.....Autophagy-Related Protein-1 Homolog
D08.811.913.696.620.682.700.109.....Bone Morphogenetic Protein Receptors
D08.811.913.696.620.682.700.109.500.....Bone Morphogenetic Protein Receptors, Type I
D08.811.913.696.620.682.700.109.750.....Bone Morphogenetic Protein Receptors, Type II
D08.811.913.696.620.682.700.125.....Calcium-Calmodulin-Dependent Protein Kinases
D08.811.913.696.620.682.700.125.049.....Calcium-Calmodulin-Dependent Protein Kinase Kinase
D08.811.913.696.620.682.700.125.100.....Calcium-Calmodulin-Dependent Protein Kinase Type 1
D08.811.913.696.620.682.700.125.200.....Calcium-Calmodulin-Dependent Protein Kinase Type 2
D08.811.913.696.620.682.700.125.350.....Calcium-Calmodulin-Dependent Protein Kinase Type 4
D08.811.913.696.620.682.700.125.387.....Death-Associated Protein Kinases
D08.811.913.696.620.682.700.125.425.....Elongation Factor 2 Kinase
D08.811.913.696.620.682.700.125.500.....Myosin-Light-Chain Kinase
D08.811.913.696.620.682.700.140.....Casein Kinases
D08.811.913.696.620.682.700.140.300.....Casein Kinase I
D08.811.913.696.620.682.700.140.300.100.....Casein Kinase Ialpha
D08.811.913.696.620.682.700.140.300.200.....Casein Kinase Idelta

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.682.700.140.300.300.....Casein Kinase Iepsilon
D08.811.913.696.620.682.700.140.600.....Casein Kinase II
D08.811.913.696.620.682.700.143.....Checkpoint Kinase 1
D08.811.913.696.620.682.700.145.....Checkpoint Kinase 2
D08.811.913.696.620.682.700.150.....Cyclic Nucleotide-Regulated Protein Kinases
D08.811.913.696.620.682.700.150.125.....Cyclic AMP-Dependent Protein Kinases
D08.811.913.696.620.682.700.150.125.750.....Cyclic AMP-Dependent Protein Kinase Type I
D08.811.913.696.620.682.700.150.125.750.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D08.811.913.696.620.682.700.150.125.750.625.....Cyclic AMP-Dependent Protein Kinase RIalpha Subunit
D08.811.913.696.620.682.700.150.125.750.750.....Cyclic AMP-Dependent Protein Kinase RIIbeta Subunit
D08.811.913.696.620.682.700.150.125.875.....Cyclic AMP-Dependent Protein Kinase Type II
D08.811.913.696.620.682.700.150.125.875.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D08.811.913.696.620.682.700.150.125.875.750.....Cyclic AMP-Dependent Protein Kinase RIIalpha Subunit
D08.811.913.696.620.682.700.150.125.875.875.....Cyclic AMP-Dependent Protein Kinase RIIbeta Subunit
D08.811.913.696.620.682.700.150.150.....Cyclic GMP-Dependent Protein Kinases
D08.811.913.696.620.682.700.150.150.500.....Cyclic GMP-Dependent Protein Kinase Type I
D08.811.913.696.620.682.700.150.150.750.....Cyclic GMP-Dependent Protein Kinase Type II
D08.811.913.696.620.682.700.150.575.....Protamine Kinase
D08.811.913.696.620.682.700.250.....DNA-Activated Protein Kinase
D08.811.913.696.620.682.700.300.....eIF-2 Kinase
D08.811.913.696.620.682.700.364.....G-Protein-Coupled Receptor Kinases
D08.811.913.696.620.682.700.364.049.....beta-Adrenergic Receptor Kinases
D08.811.913.696.620.682.700.364.049.200.....G-Protein-Coupled Receptor Kinase 2
D08.811.913.696.620.682.700.364.049.300.....G-Protein-Coupled Receptor Kinase 3
D08.811.913.696.620.682.700.364.100.....G-Protein-Coupled Receptor Kinase 1
D08.811.913.696.620.682.700.364.550.....G-Protein-Coupled Receptor Kinase 4
D08.811.913.696.620.682.700.364.775.....G-Protein-Coupled Receptor Kinase 5
D08.811.913.696.620.682.700.429.....Glycogen Synthase Kinases
D08.811.913.696.620.682.700.429.500.....Glycogen Synthase Kinase 3
D08.811.913.696.620.682.700.429.500.500.....Glycogen Synthase Kinase 3 beta
D08.811.913.696.620.682.700.494.....I-kappa B Kinase
D08.811.913.696.620.682.700.526.....Interleukin-1 Receptor-Associated Kinases
D08.811.913.696.620.682.700.534.....Leucine-Rich Repeat Serine-Threonine Protein Kinase-2
D08.811.913.696.620.682.700.542.....Lim Kinases
D08.811.913.696.620.682.700.559.....MAP Kinase Kinase Kinases
D08.811.913.696.620.682.700.559.100.....MAP Kinase Kinase Kinase 1
D08.811.913.696.620.682.700.559.200.....MAP Kinase Kinase Kinase 2
D08.811.913.696.620.682.700.559.300.....MAP Kinase Kinase Kinase 3
D08.811.913.696.620.682.700.559.400.....MAP Kinase Kinase Kinase 4
D08.811.913.696.620.682.700.559.500.....MAP Kinase Kinase Kinase 5
D08.811.913.696.620.682.700.559.800.....Proto-Oncogene Proteins c-mos

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.682.700.559.842.....raf Kinases
D08.811.913.696.620.682.700.559.842.249.....Oncogene Proteins v-raf
D08.811.913.696.620.682.700.559.842.374.....Proto-Oncogene Proteins B-raf
D08.811.913.696.620.682.700.559.842.500.....Proto-Oncogene Proteins c-raf
D08.811.913.696.620.682.700.565.....Mitogen-Activated Protein Kinase Kinases
D08.811.913.696.620.682.700.565.100.....MAP Kinase Kinase 1
D08.811.913.696.620.682.700.565.200.....MAP Kinase Kinase 2
D08.811.913.696.620.682.700.565.300.....MAP Kinase Kinase 3
D08.811.913.696.620.682.700.565.400.....MAP Kinase Kinase 4
D08.811.913.696.620.682.700.565.500.....MAP Kinase Kinase 5
D08.811.913.696.620.682.700.565.600.....MAP Kinase Kinase 6
D08.811.913.696.620.682.700.565.700.....MAP Kinase Kinase 7
D08.811.913.696.620.682.700.567.....Mitogen-Activated Protein Kinases
D08.811.913.696.620.682.700.567.249.....Extracellular Signal-Regulated MAP Kinases
D08.811.913.696.620.682.700.567.249.500.....Mitogen-Activated Protein Kinase 1
D08.811.913.696.620.682.700.567.249.750.....Mitogen-Activated Protein Kinase 3
D08.811.913.696.620.682.700.567.249.875.....Mitogen-Activated Protein Kinase 6
D08.811.913.696.620.682.700.567.249.937.....Mitogen-Activated Protein Kinase 7
D08.811.913.696.620.682.700.567.374.....JNK Mitogen-Activated Protein Kinases
D08.811.913.696.620.682.700.567.374.500.....Mitogen-Activated Protein Kinase 8
D08.811.913.696.620.682.700.567.374.750.....Mitogen-Activated Protein Kinase 9
D08.811.913.696.620.682.700.567.374.800.....Mitogen-Activated Protein Kinase 10
D08.811.913.696.620.682.700.567.843.....p38 Mitogen-Activated Protein Kinases
D08.811.913.696.620.682.700.567.843.500.....Mitogen-Activated Protein Kinase 11
D08.811.913.696.620.682.700.567.843.750.....Mitogen-Activated Protein Kinase 12
D08.811.913.696.620.682.700.567.843.875.....Mitogen-Activated Protein Kinase 13
D08.811.913.696.620.682.700.567.843.937.....Mitogen-Activated Protein Kinase 14
D08.811.913.696.620.682.700.576.....Myotonin-Protein Kinase
D08.811.913.696.620.682.700.581.....NIMA-Related Kinases
D08.811.913.696.620.682.700.581.500.....NIMA-Related Kinase 1
D08.811.913.696.620.682.700.586.....Oncogene Protein v-akt
D08.811.913.696.620.682.700.596.....p21-Activated Kinases
D08.811.913.696.620.682.700.606.....Phytochrome A
D08.811.913.696.620.682.700.626.....Positive Transcriptional Elongation Factor B
D08.811.913.696.620.682.700.646.....Proline-Directed Protein Kinases
D08.811.913.696.620.682.700.646.500.....Cyclin-Dependent Kinases
D08.811.913.696.620.682.700.646.500.500.....CDC2-CDC28 Kinases
D08.811.913.696.620.682.700.646.500.500.250.....CDC2 Protein Kinase
D08.811.913.696.620.682.700.646.500.500.375.....CDC28 Protein Kinase, S cerevisiae
D08.811.913.696.620.682.700.646.500.500.500.....Cyclin-Dependent Kinase 5
D08.811.913.696.620.682.700.646.500.500.750.....Cyclin-Dependent Kinase 9

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.682.700.646.500.750.....Cyclin-Dependent Kinase 2
D08.811.913.696.620.682.700.646.500.812.....Cyclin-Dependent Kinase 3
D08.811.913.696.620.682.700.646.500.875.....Cyclin-Dependent Kinase 4
D08.811.913.696.620.682.700.646.500.937.....Cyclin-Dependent Kinase 6
D08.811.913.696.620.682.700.646.500.968.....Cyclin-Dependent Kinase 8
D08.811.913.696.620.682.700.646.500.984.....Maturation-Promoting Factor
D08.811.913.696.620.682.700.646.500.984.500.....CDC2 Protein Kinase
D08.811.913.696.620.682.700.646.625.....Glycogen Synthase Kinase 3
D08.811.913.696.620.682.700.646.625.500.....Glycogen Synthase Kinase 3 beta
D08.811.913.696.620.682.700.725.....Protein Kinase C
D08.811.913.696.620.682.700.725.049.....Protein Kinase C beta
D08.811.913.696.620.682.700.725.075.....Protein Kinase C-theta
D08.811.913.696.620.682.700.725.100.....Protein Kinase C-alpha
D08.811.913.696.620.682.700.725.400.....Protein Kinase C-delta
D08.811.913.696.620.682.700.725.750.....Protein Kinase C-epsilon
D08.811.913.696.620.682.700.745.....3-Phosphoinositide-Dependent Protein Kinases
D08.811.913.696.620.682.700.755.....Proto-Oncogene Proteins c-akt
D08.811.913.696.620.682.700.759.....Proto-Oncogene Proteins c-bcr
D08.811.913.696.620.682.700.776.....Proto-Oncogene Proteins c-pim-1
D08.811.913.696.620.682.700.801.....Receptor-Interacting Protein Serine-Threonine Kinases
D08.811.913.696.620.682.700.801.500.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D08.811.913.696.620.682.700.814.....rho-Associated Kinases
D08.811.913.696.620.682.700.862.....Ribosomal Protein S6 Kinases
D08.811.913.696.620.682.700.862.249.....Ribosomal Protein S6 Kinases, 70-kDa
D08.811.913.696.620.682.700.862.500.....Ribosomal Protein S6 Kinases, 90-kDa
D08.811.913.696.620.682.700.931.....TOR Serine-Threonine Kinases
D08.811.913.696.620.682.700.931.500.....Mechanistic Target of Rapamycin Complex 1
D08.811.913.696.620.682.700.931.500.250.....MTOR Associated Protein, LST8 Homolog
D08.811.913.696.620.682.700.931.500.500.....Regulatory-Associated Protein of mTOR
D08.811.913.696.620.682.700.931.750.....Mechanistic Target of Rapamycin Complex 2
D08.811.913.696.620.682.700.931.750.500.....Rapamycin-Insensitive Companion of mTOR Protein
D08.811.913.696.620.682.700.965.....Vacuolar Sorting Protein VPS15
D08.811.913.696.620.682.700.982.....WNK Lysine-Deficient Protein Kinase 1
D08.811.913.696.620.682.725.....Protein-Tyrosine Kinases
D08.811.913.696.620.682.725.049.....Focal Adhesion Protein-Tyrosine Kinases
D08.811.913.696.620.682.725.049.500.....Focal Adhesion Kinase 1
D08.811.913.696.620.682.725.049.750.....Focal Adhesion Kinase 2
D08.811.913.696.620.682.725.124.....Janus Kinases
D08.811.913.696.620.682.725.124.100.....Janus Kinase 1
D08.811.913.696.620.682.725.124.200.....Janus Kinase 2
D08.811.913.696.620.682.725.124.300.....Janus Kinase 3

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.682.725.124.650.....TYK2 Kinase
D08.811.913.696.620.682.725.200.....Mitogen-Activated Protein Kinase Kinases
D08.811.913.696.620.682.725.200.100.....MAP Kinase Kinase 1
D08.811.913.696.620.682.725.200.200.....MAP Kinase Kinase 2
D08.811.913.696.620.682.725.200.300.....MAP Kinase Kinase 3
D08.811.913.696.620.682.725.200.400.....MAP Kinase Kinase 4
D08.811.913.696.620.682.725.200.500.....MAP Kinase Kinase 5
D08.811.913.696.620.682.725.200.600.....MAP Kinase Kinase 6
D08.811.913.696.620.682.725.200.700.....MAP Kinase Kinase 7
D08.811.913.696.620.682.725.300.....Proto-Oncogene Proteins c-fes
D08.811.913.696.620.682.725.400.....Receptor Protein-Tyrosine Kinases
D08.811.913.696.620.682.725.400.003.....c-Mer Tyrosine Kinase
D08.811.913.696.620.682.725.400.005.....Discoidin Domain Receptors
D08.811.913.696.620.682.725.400.005.500.....Discoidin Domain Receptor 1
D08.811.913.696.620.682.725.400.005.750.....Discoidin Domain Receptor 2
D08.811.913.696.620.682.725.400.009.....ErbB Receptors
D08.811.913.696.620.682.725.400.009.300.....Receptor, Epidermal Growth Factor
D08.811.913.696.620.682.725.400.009.400.....Receptor, ErbB-2
D08.811.913.696.620.682.725.400.009.500.....Receptor, ErbB-3
D08.811.913.696.620.682.725.400.009.600.....Receptor, ErbB-4
D08.811.913.696.620.682.725.400.020.....fms-Like Tyrosine Kinase 3
D08.811.913.696.620.682.725.400.050.....Proto-Oncogene Proteins c-kit
D08.811.913.696.620.682.725.400.075.....Proto-Oncogene Proteins c-met
D08.811.913.696.620.682.725.400.087.....Proto-Oncogene Proteins c-ret
D08.811.913.696.620.682.725.400.093.....Receptor Tyrosine Kinase-like Orphan Receptors
D08.811.913.696.620.682.725.400.177.....Receptor, Fibroblast Growth Factor, Type 1
D08.811.913.696.620.682.725.400.178.....Receptor, Fibroblast Growth Factor, Type 2
D08.811.913.696.620.682.725.400.179.....Receptor, Fibroblast Growth Factor, Type 3
D08.811.913.696.620.682.725.400.180.....Receptor, Fibroblast Growth Factor, Type 4
D08.811.913.696.620.682.725.400.185.....Receptor, IGF Type 1
D08.811.913.696.620.682.725.400.200.....Receptor, Insulin
D08.811.913.696.620.682.725.400.500.....Receptor, Macrophage Colony-Stimulating Factor
D08.811.913.696.620.682.725.400.660.....Receptor, trkA
D08.811.913.696.620.682.725.400.700.....Receptor, trkB
D08.811.913.696.620.682.725.400.800.....Receptor, trkC
D08.811.913.696.620.682.725.400.850.....Receptors, Eph Family
D08.811.913.696.620.682.725.400.850.050.....Receptor, EphA1
D08.811.913.696.620.682.725.400.850.100.....Receptor, EphA2
D08.811.913.696.620.682.725.400.850.150.....Receptor, EphA3
D08.811.913.696.620.682.725.400.850.200.....Receptor, EphA4
D08.811.913.696.620.682.725.400.850.250.....Receptor, EphA5

## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.620.682.725.400.850.300.....Receptor, EphA6
D08.811.913.696.620.682.725.400.850.400.....Receptor, EphA7
D08.811.913.696.620.682.725.400.850.500.....Receptor, EphA8
D08.811.913.696.620.682.725.400.850.600.....Receptor, EphB1
D08.811.913.696.620.682.725.400.850.650.....Receptor, EphB2
D08.811.913.696.620.682.725.400.850.700.....Receptor, EphB3
D08.811.913.696.620.682.725.400.850.750.....Receptor, EphB4
D08.811.913.696.620.682.725.400.850.800.....Receptor, EphB5
D08.811.913.696.620.682.725.400.900.....Receptors, Platelet-Derived Growth Factor
D08.811.913.696.620.682.725.400.900.500.....Receptor, Platelet-Derived Growth Factor alpha
D08.811.913.696.620.682.725.400.900.750.....Receptor, Platelet-Derived Growth Factor beta
D08.811.913.696.620.682.725.400.925.....Receptors, TIE
D08.811.913.696.620.682.725.400.925.249.....Receptor, TIE-1
D08.811.913.696.620.682.725.400.925.500.....Receptor, TIE-2
D08.811.913.696.620.682.725.400.950.....Receptors, Vascular Endothelial Growth Factor
D08.811.913.696.620.682.725.400.950.100.....Vascular Endothelial Growth Factor Receptor-1
D08.811.913.696.620.682.725.400.950.200.....Vascular Endothelial Growth Factor Receptor-2
D08.811.913.696.620.682.725.400.950.300.....Vascular Endothelial Growth Factor Receptor-3
D08.811.913.696.620.682.725.500.....Proto-Oncogene Proteins c-abl
D08.811.913.696.620.682.725.500.500.....Fusion Proteins, bcr-abl
D08.811.913.696.620.682.725.650.....Syk Kinase
D08.811.913.696.620.682.725.800.....src-Family Kinases
D08.811.913.696.620.682.725.800.315.....Lymphocyte Specific Protein Tyrosine Kinase p56(lck)
D08.811.913.696.620.682.725.800.472.....Oncogene Protein pp60(v-src)
D08.811.913.696.620.682.725.800.551.....Proto-Oncogene Proteins c-fyn
D08.811.913.696.620.682.725.800.590.....Proto-Oncogene Proteins c-hck
D08.811.913.696.620.682.725.800.610.....Proto-Oncogene Proteins c-yes
D08.811.913.696.620.682.725.800.630.....Proto-Oncogene Proteins pp60(c-src)
D08.811.913.696.620.682.725.900.....ZAP-70 Protein-Tyrosine Kinase
D08.811.913.696.620.685.....Pyridoxal Kinase
D08.811.913.696.620.695.....Pyruvate Kinase
D08.811.913.696.620.750.....Thymidine Kinase
D08.811.913.696.620.800.....Uridine Kinase
D08.811.913.696.630.....Phosphotransferases (Carboxyl Group Acceptor)
D08.811.913.696.630.025.....Acetate Kinase
D08.811.913.696.630.050.....Aspartate Kinase
D08.811.913.696.630.050.050.....Aspartokinase Homoserine Dehydrogenase
D08.811.913.696.630.700.....Phosphoglycerate Kinase
D08.811.913.696.640.....Phosphotransferases (Nitrogenous Group Acceptor)
D08.811.913.696.640.025.....Arginine Kinase
D08.811.913.696.640.150.....Creatine Kinase



## 2018 MeSH Tree Hierarchy

Tree location
D08.811.913.696.640.150.500.....Creatine Kinase, BB Form
D08.811.913.696.640.150.625.....Creatine Kinase, MB Form
D08.811.913.696.640.150.750.....Creatine Kinase, Mitochondrial Form
D08.811.913.696.640.150.875.....Creatine Kinase, MM Form
D08.811.913.696.645.....Phosphotransferases (Paired Acceptors)
D08.811.913.696.645.700.....Pyruvate, Orthophosphate Dikinase
D08.811.913.696.650.....Phosphotransferases (Phosphate Group Acceptor)
D08.811.913.696.650.025.....Adenylate Kinase
D08.811.913.696.650.150.....ATP Synthetase Complexes
D08.811.913.696.650.150.500.....Proton-Translocating ATPases
D08.811.913.696.650.150.500.249.....Bacterial Proton-Translocating ATPases
D08.811.913.696.650.150.500.500.....Chloroplast Proton-Translocating ATPases
D08.811.913.696.650.150.500.750.....Mitochondrial Proton-Translocating ATPases
D08.811.913.696.650.150.500.875.....Vacuolar Proton-Translocating ATPases
D08.811.913.696.650.450.....Guanylate Kinases
D08.811.913.696.650.450.500.....Discs Large Homolog 1 Protein
D08.811.913.696.650.450.750.....Disks Large Homolog 4 Protein
D08.811.913.696.650.550.....Nucleoside-Diphosphate Kinase
D08.811.913.696.650.550.200.....NM23 Nucleoside Diphosphate Kinases
D08.811.913.696.650.550.200.500.....Nucleoside Diphosphate Kinase D
D08.811.913.696.650.575.....Nucleoside-Phosphate Kinase
D08.811.913.696.900.....Transferases (Other Substituted Phosphate Groups)
D08.811.913.696.900.074.....CDP-Diacylglycerol-Inositol 3-Phosphatidyltransferase
D08.811.913.696.900.150.....CDPdiacylglycerol-Serine O-Phosphatidyltransferase
D08.811.913.696.900.200.....Diacylglycerol Cholinephosphotransferase
D08.811.913.696.900.250.....Ethanolaminephosphotransferase
D08.811.913.817.....Sulfur Group Transferases
D08.811.913.817.200.....Coenzyme A-Transferases
D08.811.913.817.400.....Sulfotransferases
D08.811.913.817.400.300.....Arylsulfotransferase
D08.811.913.817.500.....Sulfurtransferases
D08.811.913.817.500.500.....Thiosulfate Sulfurtransferase
D09.....Carbohydrates
D09.067.....Amino Sugars
D09.067.342.....Hexosamines
D09.067.342.300.....Fructosamine
D09.067.342.356.....Galactosamine
D09.067.342.356.050.....Acetylgalactosamine
D09.067.342.531.....Glucosamine
D09.067.342.531.050.....Acetylglucosamine
D09.067.342.600.....Meglumine

## 2018 MeSH Tree Hierarchy

Tree location
D09.067.342.600.500.....Diatrizoate Meglumine
D09.067.342.600.600.....Iothalamate Meglumine
D09.067.550.....Muramic Acids
D09.067.550.050.....Acetylmuramyl-Alanyl-Isoglutamine
D09.067.687.....Neuraminic Acids
D09.067.687.668.....Sialic Acids
D09.067.687.668.030.....N-Acetylneuraminic Acid
D09.067.687.668.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D09.067.687.668.775.....Zanamivir
D09.161.....Carbasugars
D09.254.....Deoxy Sugars
D09.254.229.....Deoxyglucose
D09.254.229.500.....Fluorodeoxyglucose F18
D09.254.330.....Deoxyribose
D09.254.488.....Fucose
D09.254.799.....Rhamnose
D09.301.....Dietary Carbohydrates
D09.301.416.....Dietary Fiber
D09.301.416.500.....Prebiotics
D09.301.831.....Dietary Sugars
D09.301.831.250.....Dietary Sucrose
D09.301.831.500.....High Fructose Corn Syrup
D09.301.915.....Starch
D09.301.915.194.....Amylopectin
D09.301.915.361.....Amylose
D09.301.915.400.....Dextrins
D09.301.915.400.375.....Cyclodextrins
D09.301.915.400.375.222.....alpha-Cyclodextrins
D09.301.915.400.375.333.....beta-Cyclodextrins
D09.301.915.400.375.333.500.....2-Hydroxypropyl-beta-cyclodextrin
D09.301.915.400.375.444.....gamma-Cyclodextrins
D09.301.915.500.....Hydroxyethyl Starch Derivatives
D09.301.915.750.....Inulin
D09.400.....Glycoconjugates
D09.400.410.....Glycolipids
D09.400.410.209.....Galactolipids
D09.400.410.420.....Glycosphingolipids
D09.400.410.420.025.....Acidic Glycosphingolipids
D09.400.410.420.025.475.....Gangliosides
D09.400.410.420.025.475.390.....G(M1) Ganglioside
D09.400.410.420.025.475.400.....G(M2) Ganglioside

## 2018 MeSH Tree Hierarchy

Tree location
D09.400.410.420.025.475.510.....G(M3) Ganglioside
D09.400.410.420.025.837.....Sulfoglycosphingolipids
D09.400.410.420.525.....Neutral Glycosphingolipids
D09.400.410.420.525.200.....Ceramides
D09.400.410.420.525.200.250.....Cerebrosides
D09.400.410.420.525.200.250.450.....Galactosylceramides
D09.400.410.420.525.200.250.490.....Glucosylceramides
D09.400.410.420.525.200.425.....Globosides
D09.400.410.420.525.200.612.....Lactosylceramides
D09.400.410.420.525.200.906.....Trihexosylceramides
D09.400.410.420.525.870.....Sphingomyelins
D09.400.410.420.806.....Psychosine
D09.400.410.475.....Glycosylphosphatidylinositols
D09.400.420.....Glycopeptides
D09.400.420.110.....Bleomycin
D09.400.420.110.690.....Peplomycin
D09.400.420.110.710.....Phleomycins
D09.400.420.700.....Peptidoglycan
D09.400.420.800.....Ristocetin
D09.400.420.900.....Teicoplanin
D09.400.420.925.....Vancomycin
D09.400.430.....Glycoproteins
D09.400.430.500.....ADAM Proteins
D09.400.430.500.125.....ADAM12 Protein
D09.400.430.500.250.....ADAM10 Protein
D09.400.430.500.375.....ADAM17 Protein
D09.400.430.500.500.....ADAMTS Proteins
D09.400.430.500.500.500.....ADAMTS1 Protein
D09.400.430.500.500.813.....ADAMTS13 Protein
D09.400.430.500.500.844.....ADAMTS4 Protein
D09.400.430.500.500.875.....ADAMTS5 Protein
D09.400.430.500.500.937.....ADAMTS7 Protein
D09.400.430.500.500.968.....ADAMTS9 Protein
D09.400.430.500.750.....Fertilins
D09.400.430.750.....Cholesterol Ester Transfer Proteins
D09.400.430.875.....Fibrillins
D09.400.430.875.500.....Fibrillin-1
D09.400.430.875.750.....Fibrillin-2
D09.400.430.937.....Glycated Hemoglobin A
D09.400.500.....Lipopolysaccharides
D09.408.....Glycosides

## 2018 MeSH Tree Hierarchy

Tree location
D09.408.051.....Aminoglycosides
D09.408.051.059.....Anthracyclines
D09.408.051.059.050.....Aclarubicin
D09.408.051.059.200.....Daunorubicin
D09.408.051.059.200.150.....Carubicin
D09.408.051.059.200.175.....Doxorubicin
D09.408.051.059.200.175.200.....Epirubicin
D09.408.051.059.200.300.....Idarubicin
D09.408.051.059.200.650.....Nogalamycin
D09.408.051.059.200.650.500.....Menogaril
D09.408.051.059.650.....Plicamycin
D09.408.051.120.....Butirosin Sulfate
D09.408.051.374.....Gentamicins
D09.408.051.374.785.....Sisomicin
D09.408.051.374.785.525.....Netilmicin
D09.408.051.420.....Hygromycin B
D09.408.051.476.....Kanamycin
D09.408.051.476.060.....Amikacin
D09.408.051.476.200.....Dibekacin
D09.408.051.476.600.....Nebramycin
D09.408.051.476.600.800.....Tobramycin
D09.408.051.545.....Metrizamide
D09.408.051.623.....Neomycin
D09.408.051.623.300.....Framycetin
D09.408.051.623.635.....Paromomycin
D09.408.051.623.800.....Ribostamycin
D09.408.051.788.....Puromycin
D09.408.051.788.650.....Puromycin Aminonucleoside
D09.408.051.836.....Spectinomycin
D09.408.051.885.....Streptomycin
D09.408.051.885.387.....Dihydrostreptomycin Sulfate
D09.408.051.892.....Streptothricins
D09.408.051.900.....Streptozocin
D09.408.084.....Anthocyanins
D09.408.105.....Atractyloside
D09.408.180.....Cardiac Glycosides
D09.408.180.261.....Digitalis Glycosides
D09.408.180.261.236.....Digitonin
D09.408.180.261.336.....Digitoxin
D09.408.180.261.336.259.....Acetyldigitoxins
D09.408.180.261.436.....Digoxin

## 2018 MeSH Tree Hierarchy

Tree location
D09.408.180.261.436.050.....Acetyldigoxins
D09.408.180.261.436.500.....Medigoxin
D09.408.180.261.657.....Lanatosides
D09.408.180.261.657.200.....Deslanoside
D09.408.180.660.....Proscillaridin
D09.408.180.810.....Strophanthins
D09.408.180.810.250.....Cymarine
D09.408.180.810.600.....Ouabain
D09.408.210.....Chromomycins
D09.408.210.209.....Chromomycin A3
D09.408.320.....Galactosides
D09.408.320.500.....Methylgalactosides
D09.408.320.550.....Nitrophenylgalactosides
D09.408.320.820.....Thiogalactosides
D09.408.320.820.500.....Isopropyl Thiogalactoside
D09.408.348.....Glucosides
D09.408.348.050.....Amygdalin
D09.408.348.075.....Arbutin
D09.408.348.113.....Canagliflozin
D09.408.348.150.....Chloralose
D09.408.348.250.....Esculin
D09.408.348.275.....Etoposide
D09.408.348.387.....Iridoid Glucosides
D09.408.348.500.....Methylglucosides
D09.408.348.500.500.....3-O-Methylglucose
D09.408.348.800.....Teniposide
D09.408.348.820.....Thioglucosides
D09.408.348.820.350.....Glucosinolates
D09.408.423.....Iridoid Glycosides
D09.408.423.500.....Iridoid Glucosides
D09.408.471.....Lincosamides
D09.408.471.500.....Lincomycin
D09.408.471.500.125.....Clindamycin
D09.408.490.....Mannosides
D09.408.490.500.....Methylmannosides
D09.408.514.....Methylglycosides
D09.408.514.455.....Methylgalactosides
D09.408.514.622.....Methylglucosides
D09.408.514.622.500.....3-O-Methylglucose
D09.408.514.700.....Methylmannosides
D09.408.554.....Novobiocin

## 2018 MeSH Tree Hierarchy

Tree location
D09.408.595.....Nucleosides
D09.408.620.....Nucleotides
D09.408.620.569.....Nucleoside Diphosphate Sugars
D09.408.620.569.070.....Adenosine Diphosphate Sugars
D09.408.620.569.070.075.....Adenosine Diphosphate Glucose
D09.408.620.569.070.125.....Adenosine Diphosphate Ribose
D09.408.620.569.070.125.040.....O-Acetyl-ADP-Ribose
D09.408.620.569.070.125.195.....Cyclic ADP-Ribose
D09.408.620.569.070.125.600.....Poly Adenosine Diphosphate Ribose
D09.408.620.569.200.....Cytidine Diphosphate Diglycerides
D09.408.620.569.400.....Guanosine Diphosphate Sugars
D09.408.620.569.400.410.....Guanosine Diphosphate Fucose
D09.408.620.569.400.500.....Guanosine Diphosphate Mannose
D09.408.620.569.727.....Uridine Diphosphate Sugars
D09.408.620.569.727.100.....Uridine Diphosphate N-Acetylgalactosamine
D09.408.620.569.727.120.....Uridine Diphosphate N-Acetylglucosamine
D09.408.620.569.727.150.....Uridine Diphosphate N-Acetylmuramic Acid
D09.408.620.569.727.300.....Uridine Diphosphate Galactose
D09.408.620.569.727.350.....Uridine Diphosphate Glucose
D09.408.620.569.727.375.....Uridine Diphosphate Glucuronic Acid
D09.408.620.569.727.800.....Uridine Diphosphate Xylose
D09.408.661.....Olivomycins
D09.408.702.....Phlorhizin
D09.408.782.....Saponins
D09.408.782.250.....Escin
D09.408.782.300.....Ginsenosides
D09.408.782.350.....Holothurin
D09.408.782.512.....Quillaja Saponins
D09.408.782.674.....Solanine
D09.408.872.....Teichoic Acids
D09.408.903.....Thioglycosides
D09.408.903.600.....Thiogalactosides
D09.408.903.600.500.....Isopropyl Thiogalactoside
D09.408.903.703.....Thioglucosides
D09.408.903.703.350.....Glucosinolates
D09.408.934.....Tomatine
D09.553.....Imino Sugars
D09.553.249.....Imino Furanoses
D09.553.500.....Imino Pyranoses
D09.553.500.033.....1-Deoxynojirimycin
D09.698.....Polysaccharides

## 2018 MeSH Tree Hierarchy

Tree location
D09.698.068.....Alginates
D09.698.152.....Carrageenan
D09.698.211.....Chitin
D09.698.211.500.....Chitosan
D09.698.330.....Ficoll
D09.698.350.....Fructans
D09.698.350.500.....Inulin
D09.698.357.....Fungal Polysaccharides
D09.698.360.....Galactans
D09.698.360.041.....Agar
D09.698.365.....Glucans
D09.698.365.089.....beta-Glucans
D09.698.365.089.500.....Lentinan
D09.698.365.089.625.....Sizofiran
D09.698.365.089.750.....Zyмосan
D09.698.365.180.....Cellulose
D09.698.365.180.180.....Cellulobiose
D09.698.365.180.200.....Cellulose, Oxidized
D09.698.365.180.247.....DEAE-Cellulose
D09.698.365.180.455.....Hypromellose Derivatives
D09.698.365.180.663.....Methylcellulose
D09.698.365.180.663.329.....Carboxymethylcellulose Sodium
D09.698.365.272.....Dextrans
D09.698.365.272.250.....DEAE-Dextran
D09.698.365.272.300.....Dextran Sulfate
D09.698.365.272.400.....Iron-Dextran Complex
D09.698.365.388.....Glycogen
D09.698.365.388.518.....Liver Glycogen
D09.698.365.410.....Isomaltose
D09.698.365.450.....Maltose
D09.698.365.855.....Starch
D09.698.365.855.194.....Amylopectin
D09.698.365.855.361.....Amylose
D09.698.365.855.400.....Dextrins
D09.698.365.855.400.375.....Cyclodextrins
D09.698.365.855.400.375.222.....alpha-Cyclodextrins
D09.698.365.855.400.375.333.....beta-Cyclodextrins
D09.698.365.855.400.375.333.500.....2-Hydroxypropyl-beta-cyclodextrin
D09.698.365.855.400.375.444.....gamma-Cyclodextrins
D09.698.365.855.500.....Hydroxyethyl Starch Derivatives
D09.698.365.855.750.....Inulin

## 2018 MeSH Tree Hierarchy

Tree location
D09.698.365.900.....Trehalose
D09.698.373.....Glycosaminoglycans
D09.698.373.200.....Chondroitin
D09.698.373.200.300.....Chondroitin Sulfates
D09.698.373.200.380.....Dermatan Sulfate
D09.698.373.400.....Heparin
D09.698.373.400.300.....Heparin, Low-Molecular-Weight
D09.698.373.400.300.150.....Dalteparin
D09.698.373.400.300.200.....Enoxaparin
D09.698.373.400.300.600.....Nadroparin
D09.698.373.400.320.....Heparinoids
D09.698.373.425.....Heparitin Sulfate
D09.698.373.425.500.....Heparan Sulfate Proteoglycans
D09.698.373.475.....Hyaluronic Acid
D09.698.373.550.....Keratan Sulfate
D09.698.550.....Mannans
D09.698.629.....Oligosaccharides
D09.698.629.305.....Disaccharides
D09.698.629.305.200.....Cellobiose
D09.698.629.305.320.....Isomaltose
D09.698.629.305.340.....Lactose
D09.698.629.305.423.....Lactulose
D09.698.629.305.523.....Maltose
D09.698.629.305.540.....Melibiose
D09.698.629.305.770.....Sucrose
D09.698.629.305.770.200.....Dietary Sucrose
D09.698.629.305.770.850.....Sucralfate
D09.698.629.305.880.....Trehalose
D09.698.629.553.....Oligosaccharides, Branched-Chain
D09.698.629.802.....Trisaccharides
D09.698.629.802.100.....Acarbose
D09.698.629.802.700.....Raffinose
D09.698.670.....Pectins
D09.698.682.....Pentosan Sulfuric Polyester
D09.698.700.....Plant Gums
D09.698.700.249.....Chewing Gum
D09.698.700.249.500.....Nicotine Chewing Gum
D09.698.700.500.....Gum Arabic
D09.698.700.625.....Karaya Gum
D09.698.700.750.....Tragacanth
D09.698.709.....Plant Mucilage



## 2018 MeSH Tree Hierarchy

Tree location
D09.698.718.....Polysaccharides, Bacterial
D09.698.718.220.....Bambergmycins
D09.698.718.450.....Lipopolysaccharides
D09.698.718.450.500.....Lipid A
D09.698.718.450.600.....O Antigens
D09.698.718.594.....Peptidoglycan
D09.698.718.622.....Prebiotics
D09.698.718.650.....Prodigiozan
D09.698.718.825.....Teichoic Acids
D09.698.735.....Proteoglycans
D09.698.735.200.....Chondroitin Sulfate Proteoglycans
D09.698.735.200.500.....Aggrecans
D09.698.735.200.625.....Hyaluronan Receptors
D09.698.735.200.750.....Versicans
D09.698.735.400.....Heparan Sulfate Proteoglycans
D09.698.735.700.....Small Leucine-Rich Proteoglycans
D09.698.735.700.500.....Biglycan
D09.698.735.700.750.....Decorin
D09.698.735.700.813.....Fibromodulin
D09.698.735.700.875.....Lumican
D09.698.813.....Sephacrose
D09.698.925.....Xylans
D09.811.....Sugar Acids
D09.811.100.....Ascorbic Acid
D09.811.100.260.....Dehydroascorbic Acid
D09.811.200.....2,3-Diketogulonic Acid
D09.811.295.....Glucaric Acid
D09.811.308.....Gluconates
D09.811.308.060.....Antimony Sodium Gluconate
D09.811.308.200.....Calcium Gluconate
D09.811.366.....Glyceric Acids
D09.811.366.388.....Diphosphoglyceric Acids
D09.811.366.388.175.....2,3-Diphosphoglycerate
D09.811.522.....Muramic Acids
D09.811.522.050.....Acetylmuramyl-Alanyl-Isoglutamine
D09.811.589.....Neuraminic Acids
D09.811.589.668.....Sialic Acids
D09.811.589.668.030.....N-Acetylneuraminic Acid
D09.811.589.668.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D09.811.589.668.775.....Zanamivir
D09.811.779.....Tartrates

## 2018 MeSH Tree Hierarchy

Tree location
D09.811.835.....Tartronates
D09.811.922.....Uronic Acids
D09.811.922.162.....Glucuronates
D09.811.922.162.500.....Glucuronic Acid
D09.811.922.162.750.....Glucuronides
D09.811.922.400.....Hexuronic Acids
D09.811.922.400.500.....Iduronic Acid
D09.853.....Sugar Alcohols
D09.853.175.....Dithioerythritol
D09.853.196.....Dithiothreitol
D09.853.329.....Erythritol
D09.853.329.225.....Erythrityl Tetranitrate
D09.853.400.....Galactitol
D09.853.400.350.....Dianhydrogalactitol
D09.853.400.500.....Mitolactol
D09.853.519.....Inositol
D09.853.519.400.....Inositol Phosphates
D09.853.519.400.350.....Inositol 1,4,5-Trisphosphate
D09.853.519.400.700.....Phytic Acid
D09.853.609.....Mannitol
D09.853.609.450.....Mannitol Phosphates
D09.853.609.500.....Mitobronitol
D09.853.780.....Ribitol
D09.853.813.....Sorbitol
D09.853.813.480.....Isosorbide
D09.853.813.480.500.....Isosorbide Dinitrate
D09.853.813.550.....Meglumine
D09.853.813.550.500.....Diatrizoate Meglumine
D09.853.813.550.600.....Iothalamate Meglumine
D09.853.875.....Triose Sugar Alcohols
D09.853.875.500.....Glycerol
D09.853.875.750.....Glycerophosphates
D09.853.875.750.449.....Glycerylphosphorylcholine
D09.853.936.....Xylitol
D09.894.....Sugar Phosphates
D09.894.150.....Dihydroxyacetone Phosphate
D09.894.299.....Glycerophosphates
D09.894.417.....Hexosephosphates
D09.894.417.313.....Fructosephosphates
D09.894.417.313.300.....Fructosediphosphates
D09.894.417.370.....Galactosephosphates

## 2018 MeSH Tree Hierarchy

Tree location
D09.894.417.448.....Glucosephosphates
D09.894.417.448.500.....Glucose-6-Phosphate
D09.894.417.592.....Hexosediphosphates
D09.894.417.592.300.....Fructosediphosphates
D09.894.417.650.....Mannosephosphates
D09.894.480.....Inositol Phosphates
D09.894.480.350.....Inositol 1,4,5-Trisphosphate
D09.894.480.700.....Phytic Acid
D09.894.500.....Mannitol Phosphates
D09.894.643.....Pentosephosphates
D09.894.643.650.....Phosphoribosyl Pyrophosphate
D09.894.643.700.....Ribosemonophosphates
D09.894.643.720.....Ribulosephosphates
D09.894.680.....Polyisoprenyl Phosphate Sugars
D09.894.680.700.....Polyisoprenyl Phosphate Monosaccharides
D09.894.680.700.250.....Dolichol Monophosphate Mannose
D09.894.680.710.....Polyisoprenyl Phosphate Oligosaccharides
D09.894.847.....Teichoic Acids
D09.947.....Sugars
D09.947.500.....Dietary Sugars
D09.947.500.250.....Dietary Sucrose
D09.947.500.500.....High Fructose Corn Syrup
D09.947.750.....Disaccharides
D09.947.750.200.....Cellobiose
D09.947.750.320.....Isomaltose
D09.947.750.340.....Lactose
D09.947.750.423.....Lactulose
D09.947.750.523.....Maltose
D09.947.750.540.....Melibiose
D09.947.750.770.....Sucrose
D09.947.750.770.200.....Dietary Sucrose
D09.947.750.770.850.....Sucralfate
D09.947.750.880.....Trehalose
D09.947.875.....Monosaccharides
D09.947.875.286.....Heptoses
D09.947.875.286.500.....Mannoheptulose
D09.947.875.359.....Hexoses
D09.947.875.359.250.....Fructose
D09.947.875.359.377.....Galactose
D09.947.875.359.448.....Glucose
D09.947.875.359.448.500.....Blood Glucose

## 2018 MeSH Tree Hierarchy

Tree location
D09.947.875.359.588.....Mannose
D09.947.875.359.862.....Sorbitose
D09.947.875.465.....Ketoses
D09.947.875.465.200.....Dihydroxyacetone
D09.947.875.465.354.....Fructose
D09.947.875.465.500.....Mannoheptulose
D09.947.875.465.758.....Sorbitose
D09.947.875.465.920.....Xylulose
D09.947.875.627.....Pentoses
D09.947.875.627.166.....Arabinose
D09.947.875.627.651.....Ribose
D09.947.875.627.867.....Xylose
D09.947.875.627.885.....Xylulose
D09.947.875.805.....Tetroses
D09.947.875.894.....Trioses
D09.947.875.894.200.....Dihydroxyacetone
D09.947.875.894.449.....Glyceraldehyde
D09.973.....Thiosugars
D10.....Lipids
D10.150.....Ceroid
D10.212.....Fats
D10.212.302.....Dietary Fats
D10.212.302.199.....Butter
D10.212.302.199.500.....Ghee
D10.212.302.347.....Cholesterol, Dietary
D10.212.302.380.....Dietary Fats, Unsaturated
D10.212.302.380.360.....Cod Liver Oil
D10.212.302.380.370.....Corn Oil
D10.212.302.380.380.....Cottonseed Oil
D10.212.302.380.410.....Fatty Acids, Omega-3
D10.212.302.380.410.100.....alpha-Linolenic Acid
D10.212.302.380.410.210.....Docosahexaenoic Acids
D10.212.302.380.410.385.....Eicosapentaenoic Acid
D10.212.302.380.580.....Olive Oil
D10.212.302.380.750.....Safflower Oil
D10.212.302.380.775.....Sesame Oil
D10.212.302.380.800.....Soybean Oil
D10.212.302.651.....Margarine
D10.212.507.....Fats, Unsaturated
D10.212.507.300.....Castor Oil
D10.212.507.300.500.....Ricinoleic Acids

## 2018 MeSH Tree Hierarchy

Tree location
D10.212.507.325.....Cod Liver Oil
D10.212.507.340.....Corn Oil
D10.212.507.350.....Cottonseed Oil
D10.212.507.375.....Croton Oil
D10.212.507.550.....Linseed Oil
D10.212.507.650.....Olive Oil
D10.212.507.750.....Safflower Oil
D10.212.507.775.....Sesame Oil
D10.212.507.800.....Soybean Oil
D10.212.507.850.....Triolein
D10.251.....Fatty Acids
D10.251.122.....Caprylates
D10.251.175.....Decanoic Acids
D10.251.175.200.....Decanoates
D10.251.220.....Eicosanoic Acids
D10.251.265.....Endocannabinoids
D10.251.310.....Fatty Acids, Nonesterified
D10.251.355.....Fatty Acids, Unsaturated
D10.251.355.255.....Eicosanoids
D10.251.355.255.100.....Arachidonic Acids
D10.251.355.255.100.100.....Arachidonic Acid
D10.251.355.255.100.300.....Hydroxyeicosatetraenoic Acids
D10.251.355.255.100.300.425.....12-Hydroxy-5,8,10,14-eicosatetraenoic Acid
D10.251.355.255.100.375.....Isoprostanes
D10.251.355.255.100.375.500.....F2-Isoprostanes
D10.251.355.255.100.375.750.....Neuroprostanes
D10.251.355.255.100.450.....Leukotrienes
D10.251.355.255.100.450.405.....Leukotriene A4
D10.251.355.255.100.450.411.....Leukotriene B4
D10.251.355.255.100.450.855.....SRS-A
D10.251.355.255.100.450.855.455.....Leukotriene C4
D10.251.355.255.100.450.855.461.....Leukotriene D4
D10.251.355.255.100.450.855.470.....Leukotriene E4
D10.251.355.255.100.825.....Thromboxanes
D10.251.355.255.100.825.800.....Thromboxane A2
D10.251.355.255.100.825.810.....Thromboxane B2
D10.251.355.255.200.....Eicosapentaenoic Acid
D10.251.355.255.205.....5,8,11,14-Eicosatetraenoic Acid
D10.251.355.255.207.....8,11,14-Eicosatrienoic Acid
D10.251.355.255.375.....Lipoxins
D10.251.355.255.550.....Prostaglandins

## 2018 MeSH Tree Hierarchy

Tree location	
D10.251.355.255.550.025.....	Prostaglandin Endoperoxides
D10.251.355.255.550.025.600.....	Prostaglandins G
D10.251.355.255.550.025.650.....	Prostaglandins H
D10.251.355.255.550.025.650.500.....	Prostaglandin H2
D10.251.355.255.550.025.650.500.500.....	15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D10.251.355.255.550.100.....	Prostaglandins A
D10.251.355.255.550.150.....	Prostaglandins B
D10.251.355.255.550.200.....	Prostaglandins D
D10.251.355.255.550.200.200.....	Prostaglandin D2
D10.251.355.255.550.250.....	Prostaglandins E
D10.251.355.255.550.250.100.....	Alprostadil
D10.251.355.255.550.250.200.....	Dinoprostone
D10.251.355.255.550.400.....	Prostaglandins F
D10.251.355.255.550.400.200.....	Dinoprost
D10.251.355.255.550.400.350.....	6-Ketoprostaglandin F1 alpha
D10.251.355.255.550.550.....	Prostaglandins I
D10.251.355.255.550.550.500.....	Epoprostenol
D10.251.355.255.550.775.....	Prostaglandins, Synthetic
D10.251.355.255.550.775.125.....	Iloprost
D10.251.355.255.550.775.250.....	Prostaglandin Endoperoxides, Synthetic
D10.251.355.255.550.775.350.....	Prostaglandins A, Synthetic
D10.251.355.255.550.775.450.....	Prostaglandins E, Synthetic
D10.251.355.255.550.775.450.050.....	Arbaprostil
D10.251.355.255.550.775.450.300.....	16,16-Dimethylprostaglandin E2
D10.251.355.255.550.775.450.350.....	Enprostil
D10.251.355.255.550.775.450.500.....	Misoprostol
D10.251.355.255.550.775.450.750.....	Rioprostil
D10.251.355.255.550.775.500.....	Prostaglandins F, Synthetic
D10.251.355.255.550.775.500.150.....	Carboprost
D10.251.355.255.550.775.500.175.....	Cloprostenol
D10.251.355.255.550.775.500.175.250.....	Bimatoprost
D10.251.355.255.550.775.500.175.500.....	Travoprost
D10.251.355.310.....	Fatty Acids, Essential
D10.251.355.310.166.....	Arachidonic Acids
D10.251.355.310.166.100.....	Arachidonic Acid
D10.251.355.310.166.550.....	Hydroxyeicosatetraenoic Acids
D10.251.355.310.166.550.425.....	12-Hydroxy-5,8,10,14-eicosatetraenoic Acid
D10.251.355.310.166.775.....	Isoprostanes
D10.251.355.310.166.775.500.....	F2-Isoprostanes
D10.251.355.310.166.775.750.....	Neuroprostanes
D10.251.355.310.166.887.....	Leukotrienes

## 2018 MeSH Tree Hierarchy

Tree location
D10.251.355.310.166.887.405.....Leukotriene A4
D10.251.355.310.166.887.411.....Leukotriene B4
D10.251.355.310.166.887.855.....SRS-A
D10.251.355.310.166.887.855.455.....Leukotriene C4
D10.251.355.310.166.887.855.461.....Leukotriene D4
D10.251.355.310.166.887.855.470.....Leukotriene E4
D10.251.355.310.166.971.....Thromboxanes
D10.251.355.310.166.971.800.....Thromboxane A2
D10.251.355.310.166.971.810.....Thromboxane B2
D10.251.355.310.515.....Linoleic Acids
D10.251.355.310.515.500.....Linoleic Acid
D10.251.355.310.640.....Linolenic Acids
D10.251.355.310.640.400.....alpha-Linolenic Acid
D10.251.355.310.640.425.....gamma-Linolenic Acid
D10.251.355.325.....Fatty Acids, Monounsaturated
D10.251.355.325.050.....Alprostadil
D10.251.355.325.050.500.....Lubiprostone
D10.251.355.325.190.....Capsaicin
D10.251.355.325.200.....Cilastatin
D10.251.355.325.300.....Erucic Acids
D10.251.355.325.450.....6-Ketoprostaglandin F1 alpha
D10.251.355.325.600.....Oleic Acids
D10.251.355.325.600.525.....Oleic Acid
D10.251.355.325.600.780.....Ricinoleic Acids
D10.251.355.325.919.....Undecylenic Acids
D10.251.355.337.....Fatty Acids, Omega-3
D10.251.355.337.100.....alpha-Linolenic Acid
D10.251.355.337.250.....Docosahexaenoic Acids
D10.251.355.337.250.500.....Neuroprostanes
D10.251.355.337.290.....Eicosapentaenoic Acid
D10.251.355.343.....Fatty Acids, Omega-6
D10.251.355.343.249.....gamma-Linolenic Acid
D10.251.355.343.500.....Linoleic Acids
D10.251.355.343.500.500.....Linoleic Acid
D10.251.355.343.500.750.....Linoleic Acids, Conjugated
D10.251.355.350.....Gefarnate
D10.251.355.391.....Ionomycin
D10.251.355.411.....Isoprostanes
D10.251.355.411.500.....F2-Isoprostanes
D10.251.355.411.750.....Neuroprostanes
D10.251.355.645.....Oxylipins

## 2018 MeSH Tree Hierarchy

Tree location
D10.251.355.840.....Sorbic Acid
D10.251.355.920.....Trans Fatty Acids
D10.251.400.....Fatty Acids, Volatile
D10.251.400.045.....Acetates
D10.251.400.045.500.....Acetic Acid
D10.251.400.143.....Butyrates
D10.251.400.143.500.....Butyric Acid
D10.251.400.143.687.....Crotonates
D10.251.400.143.781.....Hydroxybutyrates
D10.251.400.143.781.500.....3-Hydroxybutyric Acid
D10.251.400.143.875.....Isobutyrate
D10.251.400.326.....Caproates
D10.251.400.706.....Propionates
D10.251.400.895.....Valerates
D10.251.400.895.593.....Pentanoic Acids
D10.251.400.895.593.350.....Gemfibrozil
D10.251.400.895.593.900.....Valproic Acid
D10.251.450.....Heptanoic Acids
D10.251.450.200.....Atorvastatin Calcium
D10.251.450.400.....Heptanoates
D10.251.500.....Lauric Acids
D10.251.500.410.....Laurates
D10.251.536.....Mupirocin
D10.251.572.....Mycolic Acids
D10.251.618.....Mycophenolic Acid
D10.251.640.....Myristic Acids
D10.251.640.610.....Myristates
D10.251.640.630.....Myristic Acid
D10.251.694.....Palmitic Acids
D10.251.694.600.....Palmitates
D10.251.694.600.500.....Palmitoyl Coenzyme A
D10.251.694.750.....Palmitic Acid
D10.251.740.....Prostanoic Acids
D10.251.860.....Sodium Morrhuate
D10.251.882.....Stearic Acids
D10.251.882.800.....Stearates
D10.251.941.....Thioctic Acid
D10.289.....Fatty Alcohols
D10.289.054.....Acetogenins
D10.289.110.....Butanols
D10.289.110.175.....1-Butanol



## 2018 MeSH Tree Hierarchy

Tree location
D10.289.110.220.....Chlorobutanol
D10.289.110.855.....tert-Butyl Alcohol
D10.289.220.....Dodecanol
D10.289.220.720.....Sodium Dodecyl Sulfate
D10.289.230.....Dolichol
D10.289.230.250.....Dolichol Phosphates
D10.289.400.....Farnesol
D10.289.500.....Heptanol
D10.289.510.....Hexanols
D10.289.510.500.....Cyclohexanols
D10.289.510.500.303.....Desvenlafaxine Succinate
D10.289.510.500.605.....Menthol
D10.289.510.500.802.....Tramadol
D10.289.510.500.901.....Venlafaxine Hydrochloride
D10.289.600.....Octanols
D10.289.600.610.....1-Octanol
D10.289.640.....Pentanols
D10.289.900.....Sodium Tetradecyl Sulfate
D10.351.....Glycerides
D10.351.303.....Diglycerides
D10.351.676.....Monoglycerides
D10.351.801.....Triglycerides
D10.351.801.632.....Triacetin
D10.351.801.801.....Triolein
D10.390.....Glycolipids
D10.390.240.....Cord Factors
D10.390.355.....Galactolipids
D10.390.470.....Glycosphingolipids
D10.390.470.025.....Acidic Glycosphingolipids
D10.390.470.025.475.....Gangliosides
D10.390.470.025.475.390.....G(M1) Ganglioside
D10.390.470.025.475.400.....G(M2) Ganglioside
D10.390.470.025.475.510.....G(M3) Ganglioside
D10.390.470.025.837.....Sulfoglycosphingolipids
D10.390.470.675.....Neutral Glycosphingolipids
D10.390.470.675.200.....Ceramides
D10.390.470.675.200.250.....Cerebrosides
D10.390.470.675.200.250.450.....Galactosylceramides
D10.390.470.675.200.250.490.....Glucosylceramides
D10.390.470.675.200.425.....Globosides
D10.390.470.675.200.612.....Lactosylceramides

## 2018 MeSH Tree Hierarchy

Tree location
D10.390.470.675.200.906.....Trihexosylceramides
D10.390.470.675.870.....Sphingomyelins
D10.390.470.806.....Psychosine
D10.390.475.....Glycosylphosphatidylinositols
D10.390.700.....Polyisoprenyl Phosphate Sugars
D10.390.700.700.....Polyisoprenyl Phosphate Monosaccharides
D10.390.700.700.250.....Dolichol Monophosphate Mannose
D10.390.700.710.....Polyisoprenyl Phosphate Oligosaccharides
D10.440.....Lipid Peroxides
D10.460.....Lipofuscin
D10.477.....Lipopeptides
D10.477.500.....Daptomycin
D10.477.750.....Polymyxins
D10.477.750.110.....Colistin
D10.477.750.750.....Polymyxin B
D10.494.....Lipopolysaccharides
D10.494.500.....Lipid A
D10.494.600.....O Antigens
D10.532.....Lipoproteins
D10.532.091.....Apolipoproteins
D10.532.091.100.....Apolipoproteins M
D10.532.091.200.....Apolipoproteins A
D10.532.091.200.100.....Apolipoprotein A-I
D10.532.091.200.150.....Apolipoprotein A-II
D10.532.091.200.575.....Apolipoprotein A-V
D10.532.091.300.....Apolipoproteins B
D10.532.091.300.240.....Apolipoprotein B-48
D10.532.091.300.249.....Apolipoprotein B-100
D10.532.091.400.....Apolipoproteins C
D10.532.091.400.500.....Apolipoprotein C-I
D10.532.091.400.750.....Apolipoprotein C-II
D10.532.091.400.875.....Apolipoprotein C-III
D10.532.091.450.....Apolipoproteins D
D10.532.091.500.....Apolipoproteins E
D10.532.091.500.249.....Apolipoprotein E2
D10.532.091.500.500.....Apolipoprotein E3
D10.532.091.500.750.....Apolipoprotein E4
D10.532.091.750.....Apolipoproteins L
D10.532.091.750.500.....Apolipoprotein L1
D10.532.137.....ATP Binding Cassette Transporter, Sub-Family G, Member 5
D10.532.160.....ATP Binding Cassette Transporter, Sub-Family G, Member 8

## 2018 MeSH Tree Hierarchy

Tree location
D10.532.183.....Chylomicrons
D10.532.183.500.....Chylomicron Remnants
D10.532.350.....Lipoprotein(a)
D10.532.350.500.....Apoprotein(a)
D10.532.400.....Lipoprotein-X
D10.532.432.....Lipoproteins, HDL
D10.532.432.400.....Cholesterol, HDL
D10.532.432.550.....High-Density Lipoproteins, Pre-beta
D10.532.432.700.....Lipoproteins, HDL2
D10.532.432.850.....Lipoproteins, HDL3
D10.532.473.....Lipoproteins, IDL
D10.532.515.....Lipoproteins, LDL
D10.532.515.500.....Cholesterol, LDL
D10.532.599.....Lipoproteins, VLDL
D10.532.599.700.....Cholesterol, VLDL
D10.570.....Membrane Lipids
D10.570.510.....Lipid Bilayers
D10.570.755.....Phospholipids
D10.570.755.375.....Glycerophosphates
D10.570.755.375.760.....Phosphatidic Acids
D10.570.755.375.760.400.....Glycerophospholipids
D10.570.755.375.760.400.386.....Glycerylphosphorylcholine
D10.570.755.375.760.400.800.....Phosphatidylcholines
D10.570.755.375.760.400.800.200.....Dimyristoylphosphatidylcholine
D10.570.755.375.760.400.800.224.....1,2-Dipalmitoylphosphatidylcholine
D10.570.755.375.760.400.800.806.....Lecithins
D10.570.755.375.760.400.800.806.500.....Glycerylphosphorylcholine
D10.570.755.375.760.400.840.....Phosphatidylethanolamines
D10.570.755.375.760.400.885.....Phosphatidylglycerols
D10.570.755.375.760.400.885.185.....Cardiolipins
D10.570.755.375.760.400.942.....Phosphatidylinositols
D10.570.755.375.760.400.942.250.....Glycosylphosphatidylinositols
D10.570.755.375.760.400.942.625.....Phosphatidylinositol Phosphates
D10.570.755.375.760.400.942.625.900.....Phosphatidylinositol 4,5-Diphosphate
D10.570.755.375.760.400.971.....Phosphatidylserines
D10.570.755.375.760.400.985.....Phospholipid Ethers
D10.570.755.375.760.400.985.820.....Plasmalogens
D10.570.755.375.760.400.985.910.....Platelet Activating Factor
D10.570.755.375.760.550.....Lysophospholipids
D10.570.755.375.760.550.550.....Lysophosphatidylcholines
D10.570.755.893.....Sphingomyelins

## 2018 MeSH Tree Hierarchy

Tree location
D10.570.780.....Proteolipids
D10.570.780.249.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D10.570.780.500.....Myelin Proteolipid Protein
D10.570.877.....Sphingolipids
D10.570.877.360.....Glycosphingolipids
D10.570.877.360.025.....Acidic Glycosphingolipids
D10.570.877.360.025.475.....Gangliosides
D10.570.877.360.025.475.390.....G(M1) Ganglioside
D10.570.877.360.025.475.400.....G(M2) Ganglioside
D10.570.877.360.025.475.510.....G(M3) Ganglioside
D10.570.877.360.025.837.....Sulfoglycosphingolipids
D10.570.877.360.612.....Neutral Glycosphingolipids
D10.570.877.360.612.200.....Ceramides
D10.570.877.360.612.200.250.....Cerebrosides
D10.570.877.360.612.200.250.450.....Galactosylceramides
D10.570.877.360.612.200.250.490.....Glucosylceramides
D10.570.877.360.612.200.425.....Globosides
D10.570.877.360.612.200.612.....Lactosylceramides
D10.570.877.360.612.200.906.....Trihexosylceramides
D10.570.877.360.612.870.....Sphingomyelins
D10.570.877.360.806.....Psychosine
D10.570.938.....Sterols
D10.570.938.073.....Adosterol
D10.570.938.146.....Cholecalciferol
D10.570.938.146.478.....Hydroxycholecalciferols
D10.570.938.146.478.250.....Calcifediol
D10.570.938.146.478.387.....Dihydroxycholecalciferols
D10.570.938.146.478.387.300.....Calcitriol
D10.570.938.146.478.387.400.....24,25-Dihydroxyvitamin D 3
D10.570.938.208.....Cholesterol
D10.570.938.208.070.....Azacosterol
D10.570.938.208.160.....Cholestanol
D10.570.938.208.222.....Cholesterol, Dietary
D10.570.938.208.250.....Cholesterol Esters
D10.570.938.208.270.....Cholesterol, HDL
D10.570.938.208.275.....Cholesterol, LDL
D10.570.938.208.285.....Cholesterol, VLDL
D10.570.938.208.320.....Dehydrocholesterols
D10.570.938.208.320.297.....Desmosterol
D10.570.938.208.627.....19-Iodocholesterol
D10.570.938.208.825.....Oxysterols

## 2018 MeSH Tree Hierarchy

Tree location
D10.570.938.208.825.500.....Hydroxycholesterols
D10.570.938.208.825.750.....Ketocholesterols
D10.570.938.439.....Ergocalciferols
D10.570.938.439.500.....25-Hydroxyvitamin D 2
D10.570.938.439.750.....Dihydrotachysterol
D10.570.938.515.....Fusidic Acid
D10.570.938.590.....Lanosterol
D10.570.938.795.....Phytosterols
D10.570.938.795.071.....Brassinosteroids
D10.570.938.795.143.....Ecdysteroids
D10.570.938.795.669.....Sitosterols
D10.570.938.795.808.....Stigmasterol
D10.570.938.795.904.....Withanolides
D10.570.938.897.....Solanine
D10.627.....Oils
D10.627.430.....Fish Oils
D10.627.430.354.....Cod Liver Oil
D10.627.430.450.....Fatty Acids, Omega-3
D10.627.430.450.375.....Docosahexaenoic Acids
D10.627.430.450.390.....Eicosapentaenoic Acid
D10.627.675.....Oils, Volatile
D10.627.675.775.....Tea Tree Oil
D10.627.675.800.....Turpentine
D10.627.700.....Plant Oils
D10.627.700.066.....Canola Oil
D10.627.700.132.....Castor Oil
D10.627.700.186.....Coconut Oil
D10.627.700.240.....Corn Oil
D10.627.700.263.....Cottonseed Oil
D10.627.700.315.....Croton Oil
D10.627.700.550.....Iodized Oil
D10.627.700.550.300.....Ethiodized Oil
D10.627.700.615.....Linseed Oil
D10.627.700.728.....Olive Oil
D10.627.700.798.....Palm Oil
D10.627.700.809.....Peanut Oil
D10.627.700.819.....Rice Bran Oil
D10.627.700.840.....Safflower Oil
D10.627.700.865.....Sesame Oil
D10.627.700.880.....Soybean Oil
D10.627.700.940.....Tea Tree Oil

## 2018 MeSH Tree Hierarchy

Tree location
D10.751.....Polyhydroxyalkanoates
D10.945.....Waxes
D10.945.507.....Lanolin
D12.....Amino Acids, Peptides, and Proteins
D12.125.....Amino Acids
D12.125.042.....Alanine
D12.125.042.070.....beta-Alanine
D12.125.042.070.500.....Pantothenic Acid
D12.125.042.475.....Lysinoalanine
D12.125.042.500.....Mimosine
D12.125.065.....Amino Acid Chloromethyl Ketones
D12.125.065.850.....Tosyllysine Chloromethyl Ketone
D12.125.065.930.....Tosylphenylalanyl Chloromethyl Ketone
D12.125.067.....Amino Acids, Acidic
D12.125.067.500.....Aspartic Acid
D12.125.067.500.150.....D-Aspartic Acid
D12.125.067.500.275.....Isoaspartic Acid
D12.125.067.500.400.....N-Methylaspartate
D12.125.067.500.700.....Potassium Magnesium Aspartate
D12.125.067.625.....Glutamates
D12.125.067.625.174.....1-Carboxyglutamic Acid
D12.125.067.625.349.....Glutamic Acid
D12.125.067.625.349.850.....Sodium Glutamate
D12.125.067.625.525.....Pemetrexed
D12.125.067.625.700.....Polyglutamic Acid
D12.125.067.625.850.....Pyrrolidonecarboxylic Acid
D12.125.068.....Amino Acids, Basic
D12.125.068.050.....Arginine
D12.125.068.050.075.....Argininosuccinic Acid
D12.125.068.050.095.....Benzoylarginine-2-Naphthylamide
D12.125.068.050.100.....Benzoylarginine Nitroanilide
D12.125.068.050.400.....Homoarginine
D12.125.068.050.525.....NG-Nitroarginine Methyl Ester
D12.125.068.050.587.....Nitroarginine
D12.125.068.050.650.....omega-N-Methylarginine
D12.125.068.050.900.....Tosylarginine Methyl Ester
D12.125.068.060.....Asparagine
D12.125.068.330.....Glutamine
D12.125.068.330.700.....Proglumide
D12.125.068.555.....Lysine
D12.125.068.555.478.....Hydroxylysine

## 2018 MeSH Tree Hierarchy

Tree location
D12.125.068.555.575.....Lysinoalanine
D12.125.068.555.750.....Polylysine
D12.125.068.665.....Ornithine
D12.125.068.665.340.....Eflornithine
D12.125.070.....Amino Acids, Branched-Chain
D12.125.070.075.....Aminoisobutyric Acids
D12.125.070.577.....Isoleucine
D12.125.070.637.....Leucine
D12.125.070.950.....Valine
D12.125.070.950.100.....2-Amino-5-phosphonovalerate
D12.125.070.950.550.....Valsartan
D12.125.070.950.550.500.....Amlodipine, Valsartan Drug Combination
D12.125.072.....Amino Acids, Cyclic
D12.125.072.050.....Amino Acids, Aromatic
D12.125.072.050.342.....Dextrothyroxine
D12.125.072.050.685.....Phenylalanine
D12.125.072.050.685.400.....Dihydroxyphenylalanine
D12.125.072.050.685.400.180.....Cysteinyldopa
D12.125.072.050.685.400.500.....Levodopa
D12.125.072.050.685.400.600.....Methyldopa
D12.125.072.050.685.440.....Fenclonine
D12.125.072.050.685.445.....N-Formylmethionine Leucyl-Phenylalanine
D12.125.072.050.685.450.....p-Fluorophenylalanine
D12.125.072.050.685.500.....Melphalan
D12.125.072.050.767.....Thyroxine
D12.125.072.050.767.741.....Thyronines
D12.125.072.050.767.741.180.....Diiodothyronines
D12.125.072.050.767.741.894.....Triiodothyronine
D12.125.072.050.767.741.947.....Triiodothyronine, Reverse
D12.125.072.050.850.....Tryptophan
D12.125.072.050.850.479.....5-Hydroxytryptophan
D12.125.072.050.875.....Tyrosine
D12.125.072.050.875.064.....Betalains
D12.125.072.050.875.064.500.....Betacyanins
D12.125.072.050.875.130.....Dihydroxyphenylalanine
D12.125.072.050.875.130.180.....Cysteinyldopa
D12.125.072.050.875.130.500.....Levodopa
D12.125.072.050.875.130.600.....Methyldopa
D12.125.072.050.875.262.....Diiodotyrosine
D12.125.072.050.875.379.....Melanins
D12.125.072.050.875.485.....Methyltyrosines

## 2018 MeSH Tree Hierarchy

Tree location
D12.125.072.050.875.485.050.....alpha-Methyltyrosine
D12.125.072.050.875.496.....Monoiodotyrosine
D12.125.072.050.875.750.....Phosphotyrosine
D12.125.072.170.....Cycloleucine
D12.125.072.200.....Desmosine
D12.125.072.329.....Histidine
D12.125.072.329.269.....Ergothioneine
D12.125.072.329.539.....Methylhistidines
D12.125.072.401.....Imino Acids
D12.125.072.401.200.....Azetidinecarboxylic Acid
D12.125.072.401.623.....Proline
D12.125.072.401.623.270.....Captopril
D12.125.072.401.623.374.....Fosinopril
D12.125.072.401.623.478.....Hydroxyproline
D12.125.072.401.761.....Pyrrolidonecarboxylic Acid
D12.125.072.401.830.....Technetium Tc 99m Diethyl-iminodiacetic Acid
D12.125.072.401.840.....Technetium Tc 99m Disofenin
D12.125.072.401.900.....Technetium Tc 99m Lidofenin
D12.125.072.415.....Isodesmosine
D12.125.095.....Amino Acids, Diamino
D12.125.095.104.....Arginine
D12.125.095.104.075.....Argininosuccinic Acid
D12.125.095.104.095.....Benzoylarginine-2-Naphthylamide
D12.125.095.104.100.....Benzoylarginine Nitroanilide
D12.125.095.104.400.....Homoarginine
D12.125.095.104.525.....NG-Nitroarginine Methyl Ester
D12.125.095.104.587.....Nitroarginine
D12.125.095.104.650.....omega-N-Methylarginine
D12.125.095.104.900.....Tosylarginine Methyl Ester
D12.125.095.165.....Asparagine
D12.125.095.226.....Citrulline
D12.125.095.307.....Cystathionine
D12.125.095.369.....Cystine
D12.125.095.390.....Diaminopimelic Acid
D12.125.095.461.....Glutamine
D12.125.095.461.700.....Proglumide
D12.125.095.533.....Homocystine
D12.125.095.647.....Lysine
D12.125.095.647.478.....Hydroxylysine
D12.125.095.647.575.....Lysinoalanine
D12.125.095.647.750.....Polylysine



## 2018 MeSH Tree Hierarchy

Tree location
D12.125.095.765.....Ornithine
D12.125.095.765.340.....Eflornithine
D12.125.119.....Amino Acids, Dicarboxylic
D12.125.119.075.....2-Aminoadipic Acid
D12.125.119.170.....Aspartic Acid
D12.125.119.170.150.....D-Aspartic Acid
D12.125.119.170.275.....Isoaspartic Acid
D12.125.119.170.400.....N-Methylaspartate
D12.125.119.170.700.....Potassium Magnesium Aspartate
D12.125.119.270.....Carbocysteine
D12.125.119.307.....Cystathionine
D12.125.119.369.....Cystine
D12.125.119.409.....Glutamates
D12.125.119.409.174.....1-Carboxyglutamic Acid
D12.125.119.409.349.....Glutamic Acid
D12.125.119.409.349.575.....Sodium Glutamate
D12.125.119.409.525.....Pemetrexed
D12.125.119.409.700.....Polyglutamic Acid
D12.125.119.658.....Homocystine
D12.125.142.....Amino Acids, Essential
D12.125.142.087.....Arginine
D12.125.142.087.500.....omega-N-Methylarginine
D12.125.142.308.....Histidine
D12.125.142.383.....Isoleucine
D12.125.142.441.....Leucine
D12.125.142.497.....Lysine
D12.125.142.557.....Methionine
D12.125.142.557.500.....Racemethionine
D12.125.142.666.....Phenylalanine
D12.125.142.666.500.....N-Formylmethionine Leucyl-Phenylalanine
D12.125.142.815.....Threonine
D12.125.142.815.500.....Phosphothreonine
D12.125.142.875.....Tryptophan
D12.125.142.930.....Valine
D12.125.142.930.500.....Valsartan
D12.125.142.930.500.500.....Amlodipine, Valsartan Drug Combination
D12.125.154.....Amino Acids, Neutral
D12.125.154.049.....Asparagine
D12.125.154.299.....Cysteine
D12.125.154.424.....Glutamine
D12.125.154.549.....Methionine

## 2018 MeSH Tree Hierarchy

Tree location	
D12.125.154.549.500.....	Racemethionine
D12.125.154.800.....	Serine
D12.125.154.800.500.....	Azaserine
D12.125.154.800.750.....	Cycloserine
D12.125.154.800.875.....	Droxidopa
D12.125.154.800.937.....	Enterobactin
D12.125.154.800.968.....	Phosphoserine
D12.125.154.900.....	Threonine
D12.125.154.900.500.....	Phosphothreonine
D12.125.166.....	Amino Acids, Sulfur
D12.125.166.175.....	Cystathionine
D12.125.166.215.....	Cysteic Acid
D12.125.166.230.....	Cysteine
D12.125.166.230.259.....	Acetylcysteine
D12.125.166.230.310.....	Carbocysteine
D12.125.166.230.330.....	Cysteinyl-dopa
D12.125.166.230.369.....	Cystine
D12.125.166.230.700.....	Selenocysteine
D12.125.166.388.....	Ethionine
D12.125.166.498.....	Homocysteine
D12.125.166.498.050.....	S-Adenosylhomocysteine
D12.125.166.554.....	Homocystine
D12.125.166.676.....	Methionine
D12.125.166.676.089.....	Racemethionine
D12.125.166.676.180.....	S-Adosylmethionine
D12.125.166.676.450.....	N-Formylmethionine
D12.125.166.676.450.440.....	N-Formylmethionine Leucyl-Phenylalanine
D12.125.166.676.620.....	Methionine Sulfoximine
D12.125.166.676.620.125.....	Buthionine Sulfoximine
D12.125.166.676.900.....	Selenomethionine
D12.125.166.676.950.....	Vitamin U
D12.125.166.786.....	Penicillamine
D12.125.166.786.500.....	S-Nitroso-N-Acetylpenicillamine
D12.125.166.893.....	Thiorphan
D12.125.166.896.....	Tiopronin
D12.125.190.....	Aminobutyrate
D12.125.190.055.....	Aminoisobutyric Acids
D12.125.190.350.....	gamma-Aminobutyric Acid
D12.125.190.350.450.....	Pregabalin
D12.125.190.350.900.....	Vigabatrin
D12.125.213.....	Aminocaproate

## 2018 MeSH Tree Hierarchy

Tree location
D12.125.213.075.....Aminocaproic Acid
D12.125.213.568.....Norleucine
D12.125.213.568.175.....Diazoxonorleucine
D12.125.262.....Aminolevulinic Acid
D12.125.311.....Canavanine
D12.125.373.....Creatine
D12.125.373.603.....Phosphocreatine
D12.125.427.....Excitatory Amino Acids
D12.125.427.040.....Aspartic Acid
D12.125.427.300.....Glutamic Acid
D12.125.481.....Glycine
D12.125.481.100.....Allylglycine
D12.125.481.700.....N-substituted Glycines
D12.125.481.700.249.....Glycocholic Acid
D12.125.481.700.249.420.....Glycodeoxycholic Acid
D12.125.481.700.249.420.400.....Glycochenodeoxycholic Acid
D12.125.481.700.374.....Sarcosine
D12.125.481.700.750.....Thiorphan
D12.125.481.700.760.....Tiopronin
D12.125.526.....Homoserine
D12.125.608.....Kynurenine
D12.125.730.....Oxamic Acid
D12.125.740.....Phosphoamino Acids
D12.125.740.025.....2-Amino-5-phosphonovalerate
D12.125.740.675.....Phosphocreatine
D12.125.740.700.....Phosphoserine
D12.125.740.725.....Phosphothreonine
D12.125.740.740.....Phosphotyrosine
D12.125.755.....Quisqualic Acid
D12.125.780.....RNA, Transfer, Amino Acyl
D12.644.....Peptides
D12.644.024.....Amyloid beta-Peptides
D12.644.050.....Antimicrobial Cationic Peptides
D12.644.050.099.....Cathelicidins
D12.644.050.149.....Cecropins
D12.644.050.200.....Defensins
D12.644.050.200.050.....alpha-Defensins
D12.644.050.200.075.....beta-Defensins
D12.644.050.400.....Dermcidins
D12.644.050.450.....Histatins
D12.644.050.500.....Magainins

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.050.550.....Melittin
D12.644.050.600.....Polymyxins
D12.644.050.600.110.....Colistin
D12.644.050.600.750.....Polymyxin B
D12.644.050.800.....Thionins
D12.644.082.....Aptamers, Peptide
D12.644.098.....Cell-Penetrating Peptides
D12.644.115.....Charybdotoxin
D12.644.120.....Cholecystokinin
D12.644.120.500.....Sinicalide
D12.644.128.....Circadian Rhythm Signaling Peptides and Proteins
D12.644.128.049.....ARNTL Transcription Factors
D12.644.128.100.....CLOCK Proteins
D12.644.128.150.....Cryptochromes
D12.644.128.575.....Period Circadian Proteins
D12.644.132.....Cystine-Knot Miniproteins
D12.644.136.....Diazepam Binding Inhibitor
D12.644.138.....Disintegrins
D12.644.140.....Distamycins
D12.644.146.....Edeine
D12.644.173.....Erabutoxins
D12.644.200.....Fibrinopeptide A
D12.644.205.....Fibrinopeptide B
D12.644.219.....Glatiramer Acetate
D12.644.233.....Glycopeptides
D12.644.233.050.....Acetylmuramyl-Alanyl-Isoglutamine
D12.644.233.110.....Bleomycin
D12.644.233.110.690.....Peplomycin
D12.644.233.110.710.....Pheomycins
D12.644.233.594.....Peptidoglycan
D12.644.233.697.....Ristocetin
D12.644.233.800.....Sialoglycoproteins
D12.644.233.800.174.....Leukosialin
D12.644.233.800.350.....Glycophorin
D12.644.233.900.....Teicoplanin
D12.644.233.925.....Vancomycin
D12.644.276.....Intercellular Signaling Peptides and Proteins
D12.644.276.024.....Adipokines
D12.644.276.024.249.....Adiponectin
D12.644.276.024.500.....Leptin
D12.644.276.024.750.....Resistin

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.276.049.....Agouti Signaling Protein
D12.644.276.074.....Agouti-Related Protein
D12.644.276.100.....Angiogenic Proteins
D12.644.276.100.050.....Angiopoietin-like Proteins
D12.644.276.100.050.500.....Angiopoietin-like 4 Protein
D12.644.276.100.100.....Angiopoietins
D12.644.276.100.100.100.....Angiopoietin-1
D12.644.276.100.100.200.....Angiopoietin-2
D12.644.276.100.450.....Angiostatic Proteins
D12.644.276.100.450.500.....Angiostatins
D12.644.276.100.450.750.....Endostatins
D12.644.276.100.800.....Vascular Endothelial Growth Factors
D12.644.276.100.800.100.....Placenta Growth Factor
D12.644.276.100.800.200.....Vascular Endothelial Growth Factor A
D12.644.276.100.800.300.....Vascular Endothelial Growth Factor B
D12.644.276.100.800.400.....Vascular Endothelial Growth Factor C
D12.644.276.100.800.500.....Vascular Endothelial Growth Factor D
D12.644.276.100.800.600.....Vascular Endothelial Growth Factor, Endocrine-Gland-Derived
D12.644.276.150.....Apelin
D12.644.276.200.....CCN Intercellular Signaling Proteins
D12.644.276.200.100.....Connective Tissue Growth Factor
D12.644.276.200.200.....Cysteine-Rich Protein 61
D12.644.276.200.500.....Nephroblastoma Overexpressed Protein
D12.644.276.374.....Cytokines
D12.644.276.374.200.....Chemokines
D12.644.276.374.200.070.....beta-Thromboglobulin
D12.644.276.374.200.100.....Chemokines, C
D12.644.276.374.200.110.....Chemokines, CC
D12.644.276.374.200.110.050.....Chemokine CCL1
D12.644.276.374.200.110.100.....Chemokine CCL18
D12.644.276.374.200.110.125.....Chemokine CCL26
D12.644.276.374.200.110.150.....Chemokine CCL3
D12.644.276.374.200.110.200.....Chemokine CCL4
D12.644.276.374.200.110.250.....Chemokine CCL5
D12.644.276.374.200.110.550.....Chemokine CCL11
D12.644.276.374.200.110.850.....Chemokine CCL17
D12.644.276.374.200.110.870.....Chemokine CCL19
D12.644.276.374.200.110.880.....Chemokine CCL20
D12.644.276.374.200.110.890.....Chemokine CCL21
D12.644.276.374.200.110.900.....Chemokine CCL22
D12.644.276.374.200.110.910.....Chemokine CCL24

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.276.374.200.110.930.....Chemokine CCL27
D12.644.276.374.200.110.990.....Monocyte Chemoattractant Proteins
D12.644.276.374.200.110.990.600.....Chemokine CCL2
D12.644.276.374.200.110.990.800.....Chemokine CCL7
D12.644.276.374.200.110.990.900.....Chemokine CCL8
D12.644.276.374.200.120.....Chemokines, CXC
D12.644.276.374.200.120.050.....Chemokine CXCL1
D12.644.276.374.200.120.075.....Chemokine CXCL16
D12.644.276.374.200.120.100.....Chemokine CXCL2
D12.644.276.374.200.120.250.....Chemokine CXCL5
D12.644.276.374.200.120.300.....Chemokine CXCL6
D12.644.276.374.200.120.450.....Chemokine CXCL9
D12.644.276.374.200.120.500.....Chemokine CXCL10
D12.644.276.374.200.120.550.....Chemokine CXCL11
D12.644.276.374.200.120.600.....Chemokine CXCL12
D12.644.276.374.200.120.650.....Chemokine CXCL13
D12.644.276.374.200.120.800.....Interleukin-8
D12.644.276.374.200.120.900.....Platelet Factor 4
D12.644.276.374.200.130.....Chemokines, CX3C
D12.644.276.374.200.130.500.....Chemokine CX3CL1
D12.644.276.374.200.600.....Macrophage Inflammatory Proteins
D12.644.276.374.200.600.075.....Chemokine CCL18
D12.644.276.374.200.600.150.....Chemokine CCL3
D12.644.276.374.200.600.200.....Chemokine CCL4
D12.644.276.374.200.600.870.....Chemokine CCL19
D12.644.276.374.200.600.880.....Chemokine CCL20
D12.644.276.374.200.600.940.....Chemokine CXCL2
D12.644.276.374.305.....Growth Differentiation Factor 15
D12.644.276.374.410.....Hematopoietic Cell Growth Factors
D12.644.276.374.410.240.....Colony-Stimulating Factors
D12.644.276.374.410.240.150.....Erythropoietin
D12.644.276.374.410.240.150.500.....Epoetin Alfa
D12.644.276.374.410.240.350.....Granulocyte Colony-Stimulating Factor
D12.644.276.374.410.240.350.500.....Filgrastim
D12.644.276.374.410.240.375.....Granulocyte-Macrophage Colony-Stimulating Factor
D12.644.276.374.410.240.400.....Interleukin-3
D12.644.276.374.410.240.500.....Macrophage Colony-Stimulating Factor
D12.644.276.374.410.240.750.....Thrombopoietin
D12.644.276.374.410.800.....Stem Cell Factor
D12.644.276.374.420.....Hepatocyte Growth Factor
D12.644.276.374.440.....Interferons

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.276.374.440.890.....Interferon Type I
D12.644.276.374.440.890.250.....Interferon-alpha
D12.644.276.374.440.890.275.....Interferon-beta
D12.644.276.374.440.890.275.500.....Interferon beta-1a
D12.644.276.374.440.890.275.750.....Interferon beta-1b
D12.644.276.374.440.893.....Interferon-gamma
D12.644.276.374.460.....Interleukin 1 Receptor Antagonist Protein
D12.644.276.374.465.....Interleukins
D12.644.276.374.465.010.....Interleukin-1
D12.644.276.374.465.010.300.....Interleukin-1alpha
D12.644.276.374.465.010.600.....Interleukin-1beta
D12.644.276.374.465.021.....Interleukin-2
D12.644.276.374.465.032.....Interleukin-3
D12.644.276.374.465.186.....Interleukin-4
D12.644.276.374.465.202.....Interleukin-5
D12.644.276.374.465.224.....Interleukin-6
D12.644.276.374.465.246.....Interleukin-7
D12.644.276.374.465.312.....Interleukin-8
D12.644.276.374.465.377.....Interleukin-9
D12.644.276.374.465.510.....Interleukin-10
D12.644.276.374.465.511.....Interleukin-11
D12.644.276.374.465.512.....Interleukin-12
D12.644.276.374.465.512.249.....Interleukin-12 Subunit p35
D12.644.276.374.465.512.500.....Interleukin-12 Subunit p40
D12.644.276.374.465.513.....Interleukin-13
D12.644.276.374.465.515.....Interleukin-15
D12.644.276.374.465.516.....Interleukin-16
D12.644.276.374.465.517.....Interleukin-17
D12.644.276.374.465.518.....Interleukin-18
D12.644.276.374.465.759.....Interleukin-23
D12.644.276.374.465.759.249.....Interleukin-12 Subunit p40
D12.644.276.374.465.759.500.....Interleukin-23 Subunit p19
D12.644.276.374.465.800.....Interleukin-27
D12.644.276.374.465.850.....Interleukin-33
D12.644.276.374.470.....Leukemia Inhibitory Factor
D12.644.276.374.480.....Lymphokines
D12.644.276.374.480.372.....Interleukin-2
D12.644.276.374.480.428.....Leukocyte Migration-Inhibitory Factors
D12.644.276.374.480.438.....Lymphotoxin-alpha
D12.644.276.374.480.615.....Macrophage-Activating Factors
D12.644.276.374.480.615.350.....Interferon-gamma

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.276.374.480.625.....Macrophage Migration-Inhibitory Factors
D12.644.276.374.480.700.....Suppressor Factors, Immunologic
D12.644.276.374.480.750.....Transfer Factor
D12.644.276.374.500.....Monokines
D12.644.276.374.500.400.....Interleukin-1
D12.644.276.374.500.400.300.....Interleukin-1alpha
D12.644.276.374.500.400.600.....Interleukin-1beta
D12.644.276.374.500.800.....Tumor Necrosis Factor-alpha
D12.644.276.374.562.....Oncostatin M
D12.644.276.374.625.....Osteopontin
D12.644.276.374.687.....Transforming Growth Factor beta
D12.644.276.374.687.100.....Transforming Growth Factor beta1
D12.644.276.374.687.200.....Transforming Growth Factor beta2
D12.644.276.374.687.300.....Transforming Growth Factor beta3
D12.644.276.374.750.....Tumor Necrosis Factors
D12.644.276.374.750.030.....CD27 Ligand
D12.644.276.374.750.061.....B-Cell Activating Factor
D12.644.276.374.750.065.....4-1BB Ligand
D12.644.276.374.750.092.....CD30 Ligand
D12.644.276.374.750.124.....CD40 Ligand
D12.644.276.374.750.155.....Cytokine TWEAK
D12.644.276.374.750.186.....Ectodysplasins
D12.644.276.374.750.249.....Fas Ligand Protein
D12.644.276.374.750.500.....Lymphotoxin-alpha
D12.644.276.374.750.505.....Lymphotoxin alpha1, beta2 Heterotrimer
D12.644.276.374.750.515.....Lymphotoxin-beta
D12.644.276.374.750.531.....OX40 Ligand
D12.644.276.374.750.562.....RANK Ligand
D12.644.276.374.750.625.....TNF-Related Apoptosis-Inducing Ligand
D12.644.276.374.750.626.....Tumor Necrosis Factor-alpha
D12.644.276.374.750.656.....Tumor Necrosis Factor Ligand Superfamily Member 13
D12.644.276.374.750.690.....Tumor Necrosis Factor Ligand Superfamily Member 14
D12.644.276.374.750.720.....Tumor Necrosis Factor Ligand Superfamily Member 15
D12.644.276.382.....EGF Family of Proteins
D12.644.276.382.249.....Amphiregulin
D12.644.276.382.374.....Betacellulin
D12.644.276.382.500.....Epidermal Growth Factor
D12.644.276.382.531.....Epigen
D12.644.276.382.562.....Epiregulin
D12.644.276.382.625.....Heparin-binding EGF-like Growth Factor
D12.644.276.382.750.....Transforming Growth Factor alpha



## 2018 MeSH Tree Hierarchy

Tree location
D12.644.276.390.....Endothelial Growth Factors
D12.644.276.400.....Endothelins
D12.644.276.400.225.....Endothelin-1
D12.644.276.400.235.....Endothelin-2
D12.644.276.400.245.....Endothelin-3
D12.644.276.500.....Ephrins
D12.644.276.500.100.....Ephrin-A1
D12.644.276.500.200.....Ephrin-A2
D12.644.276.500.300.....Ephrin-A3
D12.644.276.500.400.....Ephrin-A4
D12.644.276.500.500.....Ephrin-A5
D12.644.276.500.600.....Ephrin-B1
D12.644.276.500.700.....Ephrin-B2
D12.644.276.500.800.....Ephrin-B3
D12.644.276.624.....Fibroblast Growth Factors
D12.644.276.624.110.....Fibroblast Growth Factor 1
D12.644.276.624.120.....Fibroblast Growth Factor 2
D12.644.276.624.130.....Fibroblast Growth Factor 3
D12.644.276.624.140.....Fibroblast Growth Factor 4
D12.644.276.624.150.....Fibroblast Growth Factor 5
D12.644.276.624.160.....Fibroblast Growth Factor 6
D12.644.276.624.170.....Fibroblast Growth Factor 7
D12.644.276.624.180.....Fibroblast Growth Factor 8
D12.644.276.624.190.....Fibroblast Growth Factor 9
D12.644.276.624.200.....Fibroblast Growth Factor 10
D12.644.276.671.....Hedgehog Proteins
D12.644.276.812.....Kinins
D12.644.276.812.169.....Bradykinin
D12.644.276.812.169.400.....Kallidin
D12.644.276.812.654.....Kininogens
D12.644.276.812.654.350.....Kininogen, High-Molecular-Weight
D12.644.276.812.654.400.....Kininogen, Low-Molecular-Weight
D12.644.276.812.900.....Tachykinins
D12.644.276.812.900.354.....Eledoisin
D12.644.276.812.900.475.....Kassinin
D12.644.276.812.900.500.....Neurokinin A
D12.644.276.812.900.550.....Neurokinin B
D12.644.276.812.900.800.....Physalaemin
D12.644.276.812.900.866.....Substance P
D12.644.276.836.....Kisspeptins
D12.644.276.848.....Matrix Metalloproteinases, Secreted

## 2018 MeSH Tree Hierarchy

Tree location	
D12.644.276.848.049.....	Bone Morphogenetic Protein 1
D12.644.276.848.100.....	Matrix Metalloproteinase 1
D12.644.276.848.150.....	Matrix Metalloproteinase 2
D12.644.276.848.200.....	Matrix Metalloproteinase 3
D12.644.276.848.250.....	Matrix Metalloproteinase 7
D12.644.276.848.300.....	Matrix Metalloproteinase 8
D12.644.276.848.350.....	Matrix Metalloproteinase 9
D12.644.276.848.400.....	Matrix Metalloproteinase 10
D12.644.276.848.450.....	Matrix Metalloproteinase 11
D12.644.276.848.500.....	Matrix Metalloproteinase 12
D12.644.276.848.550.....	Matrix Metalloproteinase 13
D12.644.276.848.800.....	Matrix Metalloproteinase 20
D12.644.276.860.....	Nerve Growth Factors
D12.644.276.860.100.....	Brain-Derived Neurotrophic Factor
D12.644.276.860.212.....	Ciliary Neurotrophic Factor
D12.644.276.860.325.....	Glia Maturation Factor
D12.644.276.860.381.....	Glial Cell Line-Derived Neurotrophic Factors
D12.644.276.860.381.500.....	Glial Cell Line-Derived Neurotrophic Factor
D12.644.276.860.381.750.....	Neurturin
D12.644.276.860.437.....	Nerve Growth Factor
D12.644.276.860.494.....	Netrins
D12.644.276.860.494.500.....	Netrin-1
D12.644.276.860.550.....	Neuregulins
D12.644.276.860.550.750.....	Neuregulin-1
D12.644.276.860.775.....	Neurotrophin 3
D12.644.276.860.887.....	Pituitary Adenylate Cyclase-Activating Polypeptide
D12.644.276.908.....	Parathyroid Hormone-Related Protein
D12.644.276.910.....	Platelet-Derived Growth Factor
D12.644.276.910.650.....	Proto-Oncogene Proteins c-sis
D12.644.276.923.....	Semaphorins
D12.644.276.923.374.....	Semaphorin-3A
D12.644.276.930.....	Serrate-Jagged Proteins
D12.644.276.930.500.....	Jagged-1 Protein
D12.644.276.930.750.....	Jagged-2 Protein
D12.644.276.937.....	Somatomedins
D12.644.276.937.400.....	Insulin-Like Growth Factor I
D12.644.276.937.420.....	Insulin-Like Growth Factor II
D12.644.276.948.....	Tolloid-Like Metalloproteinases
D12.644.276.948.500.....	Bone Morphogenetic Protein 1
D12.644.276.954.....	TGF-beta Superfamily Proteins
D12.644.276.954.200.....	Bone Morphogenetic Proteins

## 2018 MeSH Tree Hierarchy

Tree location	
D12.644.276.954.200.100.....	Bone Morphogenetic Protein 1
D12.644.276.954.200.200.....	Bone Morphogenetic Protein 2
D12.644.276.954.200.300.....	Bone Morphogenetic Protein 3
D12.644.276.954.200.400.....	Bone Morphogenetic Protein 4
D12.644.276.954.200.500.....	Bone Morphogenetic Protein 5
D12.644.276.954.200.600.....	Bone Morphogenetic Protein 6
D12.644.276.954.200.700.....	Bone Morphogenetic Protein 7
D12.644.276.954.200.900.....	Bone Morphogenetic Protein 15
D12.644.276.954.200.910.....	Growth Differentiation Factor 2
D12.644.276.954.200.950.....	Growth Differentiation Factor 10
D12.644.276.954.300.....	Growth Differentiation Factors
D12.644.276.954.300.049.....	Bone Morphogenetic Protein 15
D12.644.276.954.300.100.....	Growth Differentiation Factor 1
D12.644.276.954.300.200.....	Growth Differentiation Factor 2
D12.644.276.954.300.300.....	Growth Differentiation Factor 3
D12.644.276.954.300.500.....	Growth Differentiation Factor 5
D12.644.276.954.300.600.....	Growth Differentiation Factor 6
D12.644.276.954.300.800.....	Growth Differentiation Factor 9
D12.644.276.954.300.900.....	Growth Differentiation Factor 10
D12.644.276.954.300.915.....	Growth Differentiation Factor 15
D12.644.276.954.300.925.....	Myostatin
D12.644.276.954.550.....	Nodal Signaling Ligands
D12.644.276.954.550.100.....	Growth Differentiation Factor 1
D12.644.276.954.550.300.....	Growth Differentiation Factor 3
D12.644.276.954.550.475.....	Left-Right Determination Factors
D12.644.276.954.550.650.....	Nodal Protein
D12.644.276.954.775.....	Transforming Growth Factor beta
D12.644.276.954.775.100.....	Transforming Growth Factor beta1
D12.644.276.954.775.200.....	Transforming Growth Factor beta2
D12.644.276.954.775.300.....	Transforming Growth Factor beta3
D12.644.276.963.....	Transforming Growth Factors
D12.644.276.963.360.....	Transforming Growth Factor alpha
D12.644.360.....	Intracellular Signaling Peptides and Proteins
D12.644.360.008.....	3',5'-Cyclic-AMP Phosphodiesterases
D12.644.360.008.100.....	Cyclic Nucleotide Phosphodiesterases, Type 1
D12.644.360.008.200.....	Cyclic Nucleotide Phosphodiesterases, Type 2
D12.644.360.008.300.....	Cyclic Nucleotide Phosphodiesterases, Type 3
D12.644.360.008.400.....	Cyclic Nucleotide Phosphodiesterases, Type 4
D12.644.360.008.500.....	Cyclic Nucleotide Phosphodiesterases, Type 5
D12.644.360.008.600.....	Cyclic Nucleotide Phosphodiesterases, Type 6
D12.644.360.008.700.....	Cyclic Nucleotide Phosphodiesterases, Type 7

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.009.....3',5'-Cyclic-GMP Phosphodiesterases
D12.644.360.009.100.....Cyclic Nucleotide Phosphodiesterases, Type 1
D12.644.360.009.200.....Cyclic Nucleotide Phosphodiesterases, Type 2
D12.644.360.009.500.....Cyclic Nucleotide Phosphodiesterases, Type 5
D12.644.360.009.750.....Cyclic Nucleotide Phosphodiesterases, Type 6
D12.644.360.011.....Activating Transcription Factor 6
D12.644.360.024.....Adaptor Proteins, Signal Transducing
D12.644.360.024.050.....14-3-3 Proteins
D12.644.360.024.065.....A Kinase Anchor Proteins
D12.644.360.024.098.....Arrestins
D12.644.360.024.098.050.....Arrestin
D12.644.360.024.098.525.....beta-Arrestins
D12.644.360.024.098.525.500.....beta-Arrestin 1
D12.644.360.024.098.525.750.....beta-Arrestin 2
D12.644.360.024.131.....CARD Signaling Adaptor Proteins
D12.644.360.024.131.124.....Apoptotic Protease-Activating Factor 1
D12.644.360.024.131.140.....B-Cell CLL-Lymphoma 10 Protein
D12.644.360.024.131.155.....Caspase 9
D12.644.360.024.131.186.....CRADD Signaling Adaptor Protein
D12.644.360.024.131.249.....Nod1 Signaling Adaptor Protein
D12.644.360.024.131.500.....Nod2 Signaling Adaptor Protein
D12.644.360.024.131.750.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.644.360.024.264.....Caveolin 1
D12.644.360.024.272.....Caveolin 2
D12.644.360.024.280.....Cortactin
D12.644.360.024.282.....Crk-Associated Substrate Protein
D12.644.360.024.285.....Death Domain Receptor Signaling Adaptor Proteins
D12.644.360.024.285.024.....CASP8 and FADD-Like Apoptosis Regulating Protein
D12.644.360.024.285.037.....Caspase 8
D12.644.360.024.285.050.....CRADD Signaling Adaptor Protein
D12.644.360.024.285.100.....Edar-Associated Death Domain Protein
D12.644.360.024.285.200.....Fas-Associated Death Domain Protein
D12.644.360.024.285.400.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.644.360.024.285.600.....TNF Receptor-Associated Death Domain Protein
D12.644.360.024.287.....Discs Large Homolog 1 Protein
D12.644.360.024.288.....Dishevelled Proteins
D12.644.360.024.290.....GRB2 Adaptor Protein
D12.644.360.024.299.....GRB7 Adaptor Protein
D12.644.360.024.300.....GRB10 Adaptor Protein
D12.644.360.024.301.....Insulin Receptor Substrate Proteins
D12.644.360.024.302.....Interferon Regulatory Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.024.302.124.....Interferon Regulatory Factor-1
D12.644.360.024.302.249.....Interferon Regulatory Factor-2
D12.644.360.024.302.374.....Interferon Regulatory Factor-3
D12.644.360.024.302.437.....Interferon Regulatory Factor-7
D12.644.360.024.302.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.644.360.024.303.....Interferon-Stimulated Gene Factor 3
D12.644.360.024.303.500.....Interferon-Stimulated Gene Factor 3, alpha Subunit
D12.644.360.024.303.500.500.....STAT1 Transcription Factor
D12.644.360.024.303.500.750.....STAT2 Transcription Factor
D12.644.360.024.303.750.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.644.360.024.306.....Kelch-Like ECH-Associated Protein 1
D12.644.360.024.309.....Mediator Complex
D12.644.360.024.309.249.....Cyclin C
D12.644.360.024.309.500.....Cyclin-Dependent Kinase 8
D12.644.360.024.309.750.....Mediator Complex Subunit 1
D12.644.360.024.310.....MTOR Associated Protein, LST8 Homolog
D12.644.360.024.311.....Myeloid Differentiation Factor 88
D12.644.360.024.313.....Nod Signaling Adaptor Proteins
D12.644.360.024.313.249.....Nod1 Signaling Adaptor Protein
D12.644.360.024.313.500.....Nod2 Signaling Adaptor Protein
D12.644.360.024.314.....Nuclear Receptor Coactivators
D12.644.360.024.314.049.....Mediator Complex Subunit 1
D12.644.360.024.314.100.....Nuclear Receptor Coactivator 1
D12.644.360.024.314.200.....Nuclear Receptor Coactivator 2
D12.644.360.024.314.300.....Nuclear Receptor Coactivator 3
D12.644.360.024.314.650.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.644.360.024.316.....Paxillin
D12.644.360.024.318.....PII Nitrogen Regulatory Proteins
D12.644.360.024.319.....Protein Inhibitors of Activated STAT
D12.644.360.024.320.....Proto-Oncogene Proteins c-crk
D12.644.360.024.321.....Proto-Oncogene Proteins c-vav
D12.644.360.024.323.....Rapamycin-Insensitive Companion of mTOR Protein
D12.644.360.024.324.....Regulatory-Associated Protein of mTOR
D12.644.360.024.328.....Retinoblastoma Binding Proteins
D12.644.360.024.328.049.....E2F1 Transcription Factor
D12.644.360.024.328.100.....Retinoblastoma-Binding Protein 1
D12.644.360.024.328.200.....Retinoblastoma-Binding Protein 2
D12.644.360.024.328.600.....Retinoblastoma-Binding Protein 4
D12.644.360.024.328.700.....Retinoblastoma-Binding Protein 7
D12.644.360.024.329.....Sequestosome-1 Protein
D12.644.360.024.330.....Shc Signaling Adaptor Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.024.330.500.....Src Homology 2 Domain-Containing, Transforming Protein 1
D12.644.360.024.330.750.....Src Homology 2 Domain-Containing, Transforming Protein 2
D12.644.360.024.330.875.....Src Homology 2 Domain-Containing, Transforming Protein 3
D12.644.360.024.332.....Signaling Lymphocytic Activation Molecule Associated Protein
D12.644.360.024.334.....Smad Proteins
D12.644.360.024.334.200.....Smad Proteins, Inhibitory
D12.644.360.024.334.200.600.....Smad6 Protein
D12.644.360.024.334.200.700.....Smad7 Protein
D12.644.360.024.334.500.....Smad Proteins, Receptor-Regulated
D12.644.360.024.334.500.100.....Smad1 Protein
D12.644.360.024.334.500.200.....Smad2 Protein
D12.644.360.024.334.500.300.....Smad3 Protein
D12.644.360.024.334.500.500.....Smad5 Protein
D12.644.360.024.334.500.800.....Smad8 Protein
D12.644.360.024.334.750.....Smad4 Protein
D12.644.360.024.342.....STAT Transcription Factors
D12.644.360.024.342.100.....STAT1 Transcription Factor
D12.644.360.024.342.200.....STAT2 Transcription Factor
D12.644.360.024.342.300.....STAT3 Transcription Factor
D12.644.360.024.342.400.....STAT4 Transcription Factor
D12.644.360.024.342.500.....STAT5 Transcription Factor
D12.644.360.024.342.600.....STAT6 Transcription Factor
D12.644.360.024.374.....Suppressor of Cytokine Signaling Proteins
D12.644.360.024.374.500.....Suppressor of Cytokine Signaling 1 Protein
D12.644.360.024.374.750.....Suppressor of Cytokine Signaling 3 Protein
D12.644.360.024.437.....Syntenins
D12.644.360.024.500.....Tumor Necrosis Factor Receptor-Associated Peptides and Proteins
D12.644.360.024.500.024.....CASP8 and FADD-Like Apoptosis Regulating Protein
D12.644.360.024.500.050.....CRADD Signaling Adaptor Protein
D12.644.360.024.500.061.....Edar-Associated Death Domain Protein
D12.644.360.024.500.124.....Fas-Associated Death Domain Protein
D12.644.360.024.500.186.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.644.360.024.500.186.500.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.644.360.024.500.249.....TNF Receptor-Associated Death Domain Protein
D12.644.360.024.500.500.....TNF Receptor-Associated Factor 1
D12.644.360.024.500.750.....TNF Receptor-Associated Factor 2
D12.644.360.024.500.875.....TNF Receptor-Associated Factor 3
D12.644.360.024.500.906.....TNF Receptor-Associated Factor 4
D12.644.360.024.500.937.....TNF Receptor-Associated Factor 5
D12.644.360.024.500.968.....TNF Receptor-Associated Factor 6
D12.644.360.050.....Adenylyl Cyclases

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.062.....AMP-Activated Protein Kinases
D12.644.360.075.....Apoptosis Regulatory Proteins
D12.644.360.075.311.....Apoptosis Inducing Factor
D12.644.360.075.323.....Bcl-2-Like Protein 11
D12.644.360.075.335.....Beclin-1
D12.644.360.075.358.....CARD Signaling Adaptor Proteins
D12.644.360.075.358.124.....Apoptotic Protease-Activating Factor 1
D12.644.360.075.358.140.....B-Cell CLL-Lymphoma 10 Protein
D12.644.360.075.358.155.....Caspase 9
D12.644.360.075.358.186.....CRADD Signaling Adaptor Protein
D12.644.360.075.358.249.....Nod1 Signaling Adaptor Protein
D12.644.360.075.358.500.....Nod2 Signaling Adaptor Protein
D12.644.360.075.358.750.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.644.360.075.405.....Caspases
D12.644.360.075.405.350.....Caspases, Effector
D12.644.360.075.405.350.300.....Caspase 3
D12.644.360.075.405.350.600.....Caspase 6
D12.644.360.075.405.350.700.....Caspase 7
D12.644.360.075.405.350.900.....Caspase 14
D12.644.360.075.405.550.....Caspases, Initiator
D12.644.360.075.405.550.100.....Caspase 1
D12.644.360.075.405.550.200.....Caspase 2
D12.644.360.075.405.550.800.....Caspase 8
D12.644.360.075.405.550.900.....Caspase 9
D12.644.360.075.405.550.910.....Caspase 10
D12.644.360.075.405.550.920.....Caspase 12
D12.644.360.075.413.....DCC Receptor
D12.644.360.075.421.....Death Domain Receptor Signaling Adaptor Proteins
D12.644.360.075.421.024.....CASP8 and FADD-Like Apoptosis Regulating Protein
D12.644.360.075.421.037.....Caspase 8
D12.644.360.075.421.050.....CRADD Signaling Adaptor Protein
D12.644.360.075.421.100.....Edar-Associated Death Domain Protein
D12.644.360.075.421.200.....Fas-Associated Death Domain Protein
D12.644.360.075.421.400.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.644.360.075.421.600.....TNF Receptor-Associated Death Domain Protein
D12.644.360.075.429.....High-Temperature Requirement A Serine Peptidase 2
D12.644.360.075.437.....Inhibitor of Apoptosis Proteins
D12.644.360.075.437.250.....Baculoviral IAP Repeat-Containing 3 Protein
D12.644.360.075.437.500.....Neuronal Apoptosis-Inhibitory Protein
D12.644.360.075.437.750.....X-Linked Inhibitor of Apoptosis Protein
D12.644.360.075.718.....Proto-Oncogene Proteins c-bcl-2

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.075.718.100.....bcl-Associated Death Protein
D12.644.360.075.718.400.....bcl-2-Associated X Protein
D12.644.360.075.718.750.....bcl-2 Homologous Antagonist-Killer Protein
D12.644.360.075.718.937.....bcl-X Protein
D12.644.360.075.718.968.....BH3 Interacting Domain Death Agonist Protein
D12.644.360.075.718.984.....Myeloid Cell Leukemia Sequence 1 Protein
D12.644.360.081.....Autophagy-Related Protein-1 Homolog
D12.644.360.087.....Calcineurin
D12.644.360.100.....Calcium-Calmodulin-Dependent Protein Kinases
D12.644.360.100.049.....Calcium-Calmodulin-Dependent Protein Kinase Kinase
D12.644.360.100.100.....Calcium-Calmodulin-Dependent Protein Kinase Type 1
D12.644.360.100.200.....Calcium-Calmodulin-Dependent Protein Kinase Type 2
D12.644.360.100.350.....Calcium-Calmodulin-Dependent Protein Kinase Type 4
D12.644.360.100.387.....Death-Associated Protein Kinases
D12.644.360.100.425.....Elongation Factor 2 Kinase
D12.644.360.100.500.....Myosin-Light-Chain Kinase
D12.644.360.175.....Cold Shock Proteins and Peptides
D12.644.360.200.....Cyclic Nucleotide-Regulated Protein Kinases
D12.644.360.200.125.....Cyclic AMP-Dependent Protein Kinases
D12.644.360.200.125.750.....Cyclic AMP-Dependent Protein Kinase Type I
D12.644.360.200.125.750.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D12.644.360.200.125.750.625.....Cyclic AMP-Dependent Protein Kinase RIalpha Subunit
D12.644.360.200.125.750.750.....Cyclic AMP-Dependent Protein Kinase RIbeta Subunit
D12.644.360.200.125.875.....Cyclic AMP-Dependent Protein Kinase Type II
D12.644.360.200.125.875.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D12.644.360.200.125.875.750.....Cyclic AMP-Dependent Protein Kinase RIalpha Subunit
D12.644.360.200.125.875.875.....Cyclic AMP-Dependent Protein Kinase RIbeta Subunit
D12.644.360.200.150.....Cyclic GMP-Dependent Protein Kinases
D12.644.360.200.150.500.....Cyclic GMP-Dependent Protein Kinase Type I
D12.644.360.200.150.750.....Cyclic GMP-Dependent Protein Kinase Type II
D12.644.360.200.575.....Protamine Kinase
D12.644.360.225.....Cyclin-Dependent Kinase Inhibitor Proteins
D12.644.360.225.100.....Cyclin-Dependent Kinase Inhibitor p15
D12.644.360.225.200.....Cyclin-Dependent Kinase Inhibitor p16
D12.644.360.225.300.....Cyclin-Dependent Kinase Inhibitor p18
D12.644.360.225.400.....Cyclin-Dependent Kinase Inhibitor p19
D12.644.360.225.500.....Cyclin-Dependent Kinase Inhibitor p21
D12.644.360.225.600.....Cyclin-Dependent Kinase Inhibitor p27
D12.644.360.225.700.....Cyclin-Dependent Kinase Inhibitor p57
D12.644.360.250.....Cyclin-Dependent Kinases
D12.644.360.250.067.....CDC2-CDC28 Kinases



## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.250.067.249.....CDC2 Protein Kinase
D12.644.360.250.067.500.....CDC28 Protein Kinase, <i>S cerevisiae</i>
D12.644.360.250.067.875.....Cyclin-Dependent Kinase 5
D12.644.360.250.067.900.....Cyclin-Dependent Kinase 9
D12.644.360.250.323.....Cyclin-Dependent Kinase 2
D12.644.360.250.387.....Cyclin-Dependent Kinase 3
D12.644.360.250.451.....Cyclin-Dependent Kinase 4
D12.644.360.250.515.....Cyclin-Dependent Kinase 6
D12.644.360.250.547.....Cyclin-Dependent Kinase 8
D12.644.360.250.580.....Maturation-Promoting Factor
D12.644.360.250.580.500.....CDC2 Protein Kinase
D12.644.360.262.....Cyclins
D12.644.360.262.100.....Cyclin A
D12.644.360.262.100.100.....Cyclin A1
D12.644.360.262.100.200.....Cyclin A2
D12.644.360.262.120.....Cyclin B
D12.644.360.262.120.100.....Cyclin B1
D12.644.360.262.120.200.....Cyclin B2
D12.644.360.262.135.....Cyclin C
D12.644.360.262.150.....Cyclin D
D12.644.360.262.150.100.....Cyclin D1
D12.644.360.262.150.200.....Cyclin D2
D12.644.360.262.150.300.....Cyclin D3
D12.644.360.262.180.....Cyclin E
D12.644.360.262.200.....Cyclin G
D12.644.360.262.200.100.....Cyclin G1
D12.644.360.262.200.200.....Cyclin G2
D12.644.360.262.300.....Cyclin H
D12.644.360.262.400.....Cyclin I
D12.644.360.262.700.....Cyclin T
D12.644.360.265.....Disks Large Homolog 4 Protein
D12.644.360.268.....Dual-Specificity Phosphatases
D12.644.360.268.100.....cdc25 Phosphatases
D12.644.360.268.200.....Dual Specificity Phosphatase 1
D12.644.360.268.250.....Dual Specificity Phosphatase 2
D12.644.360.268.300.....Dual Specificity Phosphatase 3
D12.644.360.268.600.....Dual Specificity Phosphatase 6
D12.644.360.275.....eIF-2 Kinase
D12.644.360.287.....Focal Adhesion Protein-Tyrosine Kinases
D12.644.360.293.....G-Protein-Coupled Receptor Kinases
D12.644.360.293.249.....beta-Adrenergic Receptor Kinases

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.293.249.200.....G-Protein-Coupled Receptor Kinase 2
D12.644.360.293.249.300.....G-Protein-Coupled Receptor Kinase 3
D12.644.360.293.500.....G-Protein-Coupled Receptor Kinase 1
D12.644.360.293.750.....G-Protein-Coupled Receptor Kinase 4
D12.644.360.293.875.....G-Protein-Coupled Receptor Kinase 5
D12.644.360.300.....Glycogen Synthase Kinases
D12.644.360.300.500.....Glycogen Synthase Kinase 3
D12.644.360.300.500.500.....Glycogen Synthase Kinase 3 beta
D12.644.360.325.....GTP-Binding Protein Regulators
D12.644.360.325.150.....GTPase-Activating Proteins
D12.644.360.325.150.100.....Chimerin Proteins
D12.644.360.325.150.100.200.....Chimerin 1
D12.644.360.325.150.300.....Eukaryotic Initiation Factor-5
D12.644.360.325.150.500.....ras GTPase-Activating Proteins
D12.644.360.325.150.500.460.....Neurofibromin 1
D12.644.360.325.150.500.500.....p120 GTPase Activating Protein
D12.644.360.325.150.750.....RGS Proteins
D12.644.360.325.225.....Guanine Nucleotide Dissociation Inhibitors
D12.644.360.325.225.500.....rho-Specific Guanine Nucleotide Dissociation Inhibitors
D12.644.360.325.225.500.100.....rho Guanine Nucleotide Dissociation Inhibitor alpha
D12.644.360.325.225.500.200.....rho Guanine Nucleotide Dissociation Inhibitor beta
D12.644.360.325.225.500.300.....rho Guanine Nucleotide Dissociation Inhibitor gamma
D12.644.360.325.300.....Guanine Nucleotide Exchange Factors
D12.644.360.325.300.050.....Eukaryotic Initiation Factor-2B
D12.644.360.325.300.099.....Rho Guanine Nucleotide Exchange Factors
D12.644.360.325.300.099.500.....Proto-Oncogene Proteins c-bcr
D12.644.360.325.300.099.750.....Proto-Oncogene Proteins c-vav
D12.644.360.325.300.300.....Guanine Nucleotide-Releasing Factor 2
D12.644.360.325.300.600.....ral Guanine Nucleotide Exchange Factor
D12.644.360.325.300.700.....ras Guanine Nucleotide Exchange Factors
D12.644.360.325.300.700.500.....ras-GRF1
D12.644.360.325.300.700.700.....Son of Sevenless Proteins
D12.644.360.325.300.700.700.600.....Son of Sevenless Protein, Drosophila
D12.644.360.325.300.700.700.630.....SOS1 Protein
D12.644.360.325.300.850.....T-Lymphoma Invasion and Metastasis-inducing Protein 1
D12.644.360.350.....Guanylate Cyclase
D12.644.360.350.500.....Soluble Guanylyl Cyclase
D12.644.360.360.....Heterotrimeric GTP-Binding Proteins
D12.644.360.360.100.....GTP-Binding Protein alpha Subunits
D12.644.360.360.100.100.....GTP-Binding Protein alpha Subunits, G12-G13
D12.644.360.360.100.200.....GTP-Binding Protein alpha Subunits, Gi-Go

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.360.100.200.500.....GTP-Binding Protein alpha Subunit, Gi2
D12.644.360.360.100.300.....GTP-Binding Protein alpha Subunits, Gq-G11
D12.644.360.360.100.400.....GTP-Binding Protein alpha Subunits, Gs
D12.644.360.360.520.....GTP-Binding Protein beta Subunits
D12.644.360.360.730.....GTP-Binding Protein gamma Subunits
D12.644.360.360.940.....Transducin
D12.644.360.361.....I-kappa B Kinase
D12.644.360.365.....I-kappa B Proteins
D12.644.360.365.500.....NF-KappaB Inhibitor alpha
D12.644.360.368.....Inhibitor of Growth Protein 1
D12.644.360.370.....Interleukin-1 Receptor-Associated Kinases
D12.644.360.372.....Intracellular Calcium-Sensing Proteins
D12.644.360.372.249.....Calmodulin
D12.644.360.372.311.....Calnexin
D12.644.360.372.374.....Calreticulin
D12.644.360.372.437.....Gelsolin
D12.644.360.372.500.....Neuronal Calcium-Sensor Proteins
D12.644.360.372.500.124.....Guanylate Cyclase-Activating Proteins
D12.644.360.372.500.249.....Hippocalcin
D12.644.360.372.500.374.....Kv Channel-Interacting Proteins
D12.644.360.372.500.500.....Neurocalcin
D12.644.360.372.500.750.....Recoverin
D12.644.360.390.....Lim Kinases
D12.644.360.400.....MAP Kinase Kinase Kinases
D12.644.360.400.100.....MAP Kinase Kinase Kinase 1
D12.644.360.400.200.....MAP Kinase Kinase Kinase 2
D12.644.360.400.300.....MAP Kinase Kinase Kinase 3
D12.644.360.400.400.....MAP Kinase Kinase Kinase 4
D12.644.360.400.500.....MAP Kinase Kinase Kinase 5
D12.644.360.400.800.....Proto-Oncogene Proteins c-mos
D12.644.360.400.842.....raf Kinases
D12.644.360.400.842.249.....Oncogene Proteins v-raf
D12.644.360.400.842.374.....Proto-Oncogene Proteins B-raf
D12.644.360.400.842.500.....Proto-Oncogene Proteins c-raf
D12.644.360.420.....Methyl-Accepting Chemotaxis Proteins
D12.644.360.440.....Mitogen-Activated Protein Kinase Kinases
D12.644.360.440.100.....MAP Kinase Kinase 1
D12.644.360.440.200.....MAP Kinase Kinase 2
D12.644.360.440.300.....MAP Kinase Kinase 3
D12.644.360.440.400.....MAP Kinase Kinase 4
D12.644.360.440.500.....MAP Kinase Kinase 5

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.440.600.....MAP Kinase Kinase 6
D12.644.360.440.700.....MAP Kinase Kinase 7
D12.644.360.445.....Mitogen-Activated Protein Kinase Phosphatases
D12.644.360.445.100.....Dual Specificity Phosphatase 1
D12.644.360.445.250.....Dual Specificity Phosphatase 2
D12.644.360.445.300.....Dual Specificity Phosphatase 3
D12.644.360.445.600.....Dual Specificity Phosphatase 6
D12.644.360.450.....Mitogen-Activated Protein Kinases
D12.644.360.450.169.....Extracellular Signal-Regulated MAP Kinases
D12.644.360.450.169.500.....Mitogen-Activated Protein Kinase 1
D12.644.360.450.169.750.....Mitogen-Activated Protein Kinase 3
D12.644.360.450.169.875.....Mitogen-Activated Protein Kinase 6
D12.644.360.450.169.937.....Mitogen-Activated Protein Kinase 7
D12.644.360.450.340.....JNK Mitogen-Activated Protein Kinases
D12.644.360.450.340.500.....Mitogen-Activated Protein Kinase 8
D12.644.360.450.340.750.....Mitogen-Activated Protein Kinase 9
D12.644.360.450.340.800.....Mitogen-Activated Protein Kinase 10
D12.644.360.450.835.....p38 Mitogen-Activated Protein Kinases
D12.644.360.450.835.200.....Mitogen-Activated Protein Kinase 11
D12.644.360.450.835.400.....Mitogen-Activated Protein Kinase 12
D12.644.360.450.835.600.....Mitogen-Activated Protein Kinase 13
D12.644.360.450.835.800.....Mitogen-Activated Protein Kinase 14
D12.644.360.525.....Monomeric GTP-Binding Proteins
D12.644.360.525.100.....ADP-Ribosylation Factors
D12.644.360.525.100.100.....ADP-Ribosylation Factor 1
D12.644.360.525.400.....rab GTP-Binding Proteins
D12.644.360.525.400.025.....rab1 GTP-Binding Proteins
D12.644.360.525.400.050.....rab2 GTP-Binding Protein
D12.644.360.525.400.075.....rab27 GTP-Binding Proteins
D12.644.360.525.400.100.....rab3 GTP-Binding Proteins
D12.644.360.525.400.100.100.....rab3A GTP-Binding Protein
D12.644.360.525.400.150.....rab4 GTP-Binding Proteins
D12.644.360.525.400.200.....rab5 GTP-Binding Proteins
D12.644.360.525.450.....ral GTP-Binding Proteins
D12.644.360.525.462.....ran GTP-Binding Protein
D12.644.360.525.475.....rap GTP-Binding Proteins
D12.644.360.525.475.100.....rap1 GTP-Binding Proteins
D12.644.360.525.488.....Ras Homolog Enriched in Brain Protein
D12.644.360.525.500.....ras Proteins
D12.644.360.525.500.300.....Oncogene Protein p21(ras)
D12.644.360.525.500.600.....Proto-Oncogene Proteins p21(ras)

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.525.700.....rho GTP-Binding Proteins
D12.644.360.525.700.050.....cdc42 GTP-Binding Protein
D12.644.360.525.700.050.500.....cdc42 GTP-Binding Protein, <i>Saccharomyces cerevisiae</i>
D12.644.360.525.700.100.....rac GTP-Binding Proteins
D12.644.360.525.700.100.100.....rac1 GTP-Binding Protein
D12.644.360.525.700.200.....rhoA GTP-Binding Protein
D12.644.360.525.700.300.....rhoB GTP-Binding Protein
D12.644.360.525.700.650.....rhoC GTP-Binding Protein
D12.644.360.534.....Mucin-4
D12.644.360.537.....Myristoylated Alanine-Rich C Kinase Substrate
D12.644.360.539.....NLR Proteins
D12.644.360.539.250.....NLR Family, Pyrin Domain-Containing 3 Protein
D12.644.360.539.500.....Nod Signaling Adaptor Proteins
D12.644.360.539.500.249.....Nod1 Signaling Adaptor Protein
D12.644.360.539.500.500.....Nod2 Signaling Adaptor Protein
D12.644.360.543.....Olfactory Marker Protein
D12.644.360.552.....p21-Activated Kinases
D12.644.360.562.....Phosphatidylethanolamine Binding Protein
D12.644.360.571.....Phosphoinositide Phospholipase C
D12.644.360.571.500.....Phospholipase C beta
D12.644.360.571.625.....Phospholipase C delta
D12.644.360.571.750.....Phospholipase C gamma
D12.644.360.583.....Protein Phosphatase 2
D12.644.360.585.....Protein Tyrosine Phosphatases, Non-Receptor
D12.644.360.585.100.....Protein Tyrosine Phosphatase, Non-Receptor Type 1
D12.644.360.585.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 2
D12.644.360.585.300.....Protein Tyrosine Phosphatase, Non-Receptor Type 3
D12.644.360.585.400.....Protein Tyrosine Phosphatase, Non-Receptor Type 4
D12.644.360.585.600.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D12.644.360.585.800.....Protein Tyrosine Phosphatase, Non-Receptor Type 11
D12.644.360.585.850.....Protein Tyrosine Phosphatase, Non-Receptor Type 12
D12.644.360.585.860.....Protein Tyrosine Phosphatase, Non-Receptor Type 13
D12.644.360.585.930.....Protein Tyrosine Phosphatase, Non-Receptor Type 22
D12.644.360.587.....Receptor-Like Protein Tyrosine Phosphatases
D12.644.360.587.100.....Receptor-Like Protein Tyrosine Phosphatases, Class 1
D12.644.360.587.100.500.....Leukocyte Common Antigens
D12.644.360.587.200.....Receptor-Like Protein Tyrosine Phosphatases, Class 2
D12.644.360.587.300.....Receptor-Like Protein Tyrosine Phosphatases, Class 3
D12.644.360.587.400.....Receptor-Like Protein Tyrosine Phosphatases, Class 4
D12.644.360.587.500.....Receptor-Like Protein Tyrosine Phosphatases, Class 5
D12.644.360.587.700.....Receptor-Like Protein Tyrosine Phosphatases, Class 7

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.360.587.800.....Receptor-Like Protein Tyrosine Phosphatases, Class 8
D12.644.360.590.....rho-Associated Kinases
D12.644.360.600.....Ribosomal Protein S6 Kinases
D12.644.360.600.249.....Ribosomal Protein S6 Kinases, 70-kDa
D12.644.360.600.500.....Ribosomal Protein S6 Kinases, 90-kDa
D12.644.360.650.....RNA-Binding Protein EWS
D12.644.360.700.....SAP90-PSD95 Associated Proteins
D12.644.360.800.....SH2 Domain-Containing Protein Tyrosine Phosphatases
D12.644.360.800.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D12.644.360.900.....Syk Kinase
D12.644.360.950.....Tumor Necrosis Factor alpha-Induced Protein 3
D12.644.360.975.....WNK Lysine-Deficient Protein Kinase 1
D12.644.365.....Lipopeptides
D12.644.365.500.....Daptomycin
D12.644.368.....Mating Factor
D12.644.370.....Myocardial Depressant Factor
D12.644.400.....Neuropeptides
D12.644.400.070.....Angiotensins
D12.644.400.070.075.....Angiotensin I
D12.644.400.070.078.....Angiotensin II
D12.644.400.070.080.....Angiotensin III
D12.644.400.085.....Bombesin
D12.644.400.090.....Bradykinin
D12.644.400.095.....Calcitonin
D12.644.400.097.....Calcitonin Gene-Related Peptide
D12.644.400.100.....Carnosine
D12.644.400.200.....Delta Sleep-Inducing Peptide
D12.644.400.235.....FMRFamide
D12.644.400.250.....Galanin
D12.644.400.275.....Galanin-Like Peptide
D12.644.400.300.....Gastric Inhibitory Polypeptide
D12.644.400.315.....Gastrin-Releasing Peptide
D12.644.400.320.....Gastrins
D12.644.400.360.....Orexins
D12.644.400.400.....Hypothalamic Hormones
D12.644.400.400.700.....Pituitary Hormone Release Inhibiting Hormones
D12.644.400.400.700.500.....MSH Release-Inhibiting Hormone
D12.644.400.400.700.750.....Prolactin Release-Inhibiting Factors
D12.644.400.400.700.875.....Somatostatin
D12.644.400.400.700.875.500.....Somatostatin-28
D12.644.400.400.740.....Pituitary Hormone-Releasing Hormones

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.400.400.740.140.....Corticotropin-Releasing Hormone
D12.644.400.400.740.320.....Gonadotropin-Releasing Hormone
D12.644.400.400.740.320.100.....Buserelin
D12.644.400.400.740.320.340.....Goserelin
D12.644.400.400.740.320.400.....Leuprolide
D12.644.400.400.740.320.580.....Nafarelin
D12.644.400.400.740.320.790.....Triptorelin Pamoate
D12.644.400.400.740.860.....Growth Hormone-Releasing Hormone
D12.644.400.400.740.860.780.....Sermorelin
D12.644.400.400.740.880.....Thyrotropin-Releasing Hormone
D12.644.400.400.935.....Pro-Opiomelanocortin
D12.644.400.400.935.119.....alpha-Endorphin
D12.644.400.400.935.179.....alpha-MSH
D12.644.400.400.935.239.....beta-Endorphin
D12.644.400.400.935.480.....beta-Lipotropin
D12.644.400.400.935.492.....beta-MSH
D12.644.400.400.935.498.....Corticotropin-Like Intermediate Lobe Peptide
D12.644.400.400.935.505.....gamma-Endorphin
D12.644.400.400.935.518.....gamma-Lipotropin
D12.644.400.400.935.524.....gamma-MSH
D12.644.400.400.935.531.....Melanocortins
D12.644.400.400.935.531.500.....Adrenocorticotropin Hormone
D12.644.400.400.935.531.500.200.....Cosyntropin
D12.644.400.400.935.531.750.....Melanocyte-Stimulating Hormones
D12.644.400.400.935.531.750.050.....alpha-MSH
D12.644.400.400.935.531.750.075.....beta-MSH
D12.644.400.400.935.531.750.115.....gamma-MSH
D12.644.400.400.967.....Prolactin-Releasing Hormone
D12.644.400.430.....Kisspeptins
D12.644.400.460.....Melanocyte-Stimulating Hormones
D12.644.400.460.050.....alpha-MSH
D12.644.400.460.075.....beta-MSH
D12.644.400.460.115.....gamma-MSH
D12.644.400.470.....Motilin
D12.644.400.500.....Neuropeptide Y
D12.644.400.525.....Neurophysins
D12.644.400.550.....Neurotensin
D12.644.400.562.....omega-Agatoxin IVA
D12.644.400.575.....Opioid Peptides
D12.644.400.575.180.....Dynorphins
D12.644.400.575.241.....Endorphins

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.400.575.241.039.....alpha-Endorphin
D12.644.400.575.241.080.....beta-Endorphin
D12.644.400.575.241.540.....gamma-Endorphin
D12.644.400.575.281.....Enkephalins
D12.644.400.575.281.075.....Enkephalin, Ala(2)-MePhe(4)-Gly(5)-
D12.644.400.575.281.231.....Enkephalin, Leucine
D12.644.400.575.281.231.500.....Enkephalin, Leucine-2-Alanine
D12.644.400.575.281.381.....Enkephalin, Methionine
D12.644.400.575.281.381.500.....D-Ala(2),MePhe(4),Met(0)-ol-enkephalin
D12.644.400.575.281.600.....Enkephalin, D-Penicillamine (2,5)-
D12.644.400.600.....Pancreatic Polypeptide
D12.644.400.610.....Peptide PHI
D12.644.400.625.....Pituitary Adenylate Cyclase-Activating Polypeptide
D12.644.400.705.....Secretin
D12.644.400.800.....Tachykinins
D12.644.400.800.354.....Eleodoisin
D12.644.400.800.475.....Kassinin
D12.644.400.800.500.....Neurokinin A
D12.644.400.800.550.....Neurokinin B
D12.644.400.800.625.....Physalaemin
D12.644.400.800.750.....Substance P
D12.644.400.837.....Urocortins
D12.644.400.875.....Vasoactive Intestinal Peptide
D12.644.400.900.....Vasopressins
D12.644.400.900.100.....Arginine Vasopressin
D12.644.400.900.100.250.....Deamino Arginine Vasopressin
D12.644.400.900.400.....Lypressin
D12.644.400.900.400.350.....Felypressin
D12.644.400.900.700.....Ornipressin
D12.644.456.....Oligopeptides
D12.644.456.050.....Amanitins
D12.644.456.050.111.....Alpha-Amanitin
D12.644.456.073.....Angiotensins
D12.644.456.073.021.....Angiotensin I
D12.644.456.073.041.....Angiotensin II
D12.644.456.073.041.050.....Angiotensin Amide
D12.644.456.073.041.800.....Saralasin
D12.644.456.073.041.815.....1-Sarcosine-8-Isoleucine Angiotensin II
D12.644.456.073.055.....Angiotensin III
D12.644.456.073.070.....Angiotensinogen
D12.644.456.120.....Antipain



## 2018 MeSH Tree Hierarchy

Tree location
D12.644.456.157.....Atazanavir Sulfate
D12.644.456.193.....Bradykinin
D12.644.456.193.400.....Kallidin
D12.644.456.241.....Ceruletide
D12.644.456.270.....Chalones
D12.644.456.300.....Delta Sleep-Inducing Peptide
D12.644.456.345.....Dipeptides
D12.644.456.345.159.....Anserine
D12.644.456.345.190.....Aspartame
D12.644.456.345.331.....Carnosine
D12.644.456.345.360.....Enalapril
D12.644.456.345.360.300.....Enalaprilat
D12.644.456.345.575.....Glycylglycine
D12.644.456.345.600.....Lisinopril
D12.644.456.400.....N-Formylmethionine Leucyl-Phenylalanine
D12.644.456.448.....Glutathione
D12.644.456.448.500.....Glutathione Disulfide
D12.644.456.448.625.....Phytochelatin
D12.644.456.448.750.....S-Nitrosoglutathione
D12.644.456.460.....Gonadotropin-Releasing Hormone
D12.644.456.460.150.....Buserelin
D12.644.456.460.315.....Goserelin
D12.644.456.460.480.....Leuprolide
D12.644.456.460.600.....Nafarelin
D12.644.456.460.800.....Triptorelin Pamoate
D12.644.456.580.....Leupeptins
D12.644.456.650.....Netropsin
D12.644.456.716.....Pentagastrin
D12.644.456.724.....Pepstatins
D12.644.456.726.....Peptichemio
D12.644.456.729.....Peptide T
D12.644.456.735.....Phalloidine
D12.644.456.800.....Tachykinins
D12.644.456.800.354.....Eledoisin
D12.644.456.800.475.....Kassinin
D12.644.456.800.500.....Neurokinin A
D12.644.456.800.550.....Neurokinin B
D12.644.456.800.745.....Physalaemin
D12.644.456.800.866.....Substance P
D12.644.456.805.....Technetium Tc 99m Mertiatide
D12.644.456.810.....Teprotide

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.456.830.....Tetragastrin
D12.644.456.835.....Thymic Factor, Circulating
D12.644.456.837.....Thyrotropin-Releasing Hormone
D12.644.456.840.....Tuftsin
D12.644.456.925.....Vasopressins
D12.644.456.925.100.....Arginine Vasopressin
D12.644.456.925.100.250.....Deamino Arginine Vasopressin
D12.644.456.925.480.....Lypressin
D12.644.456.925.480.500.....Felypressin
D12.644.456.925.700.....Ornipressin
D12.644.504.....Peptaibols
D12.644.504.111.....Alamethicin
D12.644.541.....Peptide Fragments
D12.644.541.500.....Immunoglobulin Fragments
D12.644.541.500.650.....Immunoglobulin Fab Fragments
D12.644.541.500.650.250.....Certolizumab Pegol
D12.644.541.500.650.500.....Immunoglobulin Variable Region
D12.644.541.500.650.500.180.....Complementarity Determining Regions
D12.644.541.500.650.500.590.....Immunoglobulin Joining Region
D12.644.541.500.650.500.800.....Single-Chain Antibodies
D12.644.541.500.650.500.900.....Single-Domain Antibodies
D12.644.541.500.650.750.....Tuftsin
D12.644.541.500.697.....Immunoglobulin Fc Fragments
D12.644.541.500.697.249.....CD4 Immuno adhesins
D12.644.541.500.745.....Immunoglobulin Idiotypes
D12.644.548.....Peptide Hormones
D12.644.548.009.....Activins
D12.644.548.009.500.....Inhibin-beta Subunits
D12.644.548.011.....Adipokines
D12.644.548.011.249.....Adiponectin
D12.644.548.011.500.....Leptin
D12.644.548.011.750.....Resistin
D12.644.548.017.....Adrenomedullin
D12.644.548.058.....Angiotensins
D12.644.548.058.075.....Angiotensin I
D12.644.548.058.078.....Angiotensin II
D12.644.548.058.080.....Angiotensin III
D12.644.548.100.....Bombesin
D12.644.548.150.....Calcitonin
D12.644.548.275.....Gastric Inhibitory Polypeptide
D12.644.548.280.....Gastrins

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.548.322.....Ghrelin
D12.644.548.365.....Hypothalamic Hormones
D12.644.548.365.700.....Pituitary Hormone Release Inhibiting Hormones
D12.644.548.365.700.500.....MSH Release-Inhibiting Hormone
D12.644.548.365.700.750.....Prolactin Release-Inhibiting Factors
D12.644.548.365.700.875.....Somatostatin
D12.644.548.365.700.875.500.....Somatostatin-28
D12.644.548.365.740.....Pituitary Hormone-Releasing Hormones
D12.644.548.365.740.140.....Corticotropin-Releasing Hormone
D12.644.548.365.740.320.....Gonadotropin-Releasing Hormone
D12.644.548.365.740.320.100.....Buserelin
D12.644.548.365.740.320.340.....Goserelin
D12.644.548.365.740.320.400.....Leuprolide
D12.644.548.365.740.320.580.....Nafarelin
D12.644.548.365.740.320.790.....Triptorelin Pamoate
D12.644.548.365.740.860.....Growth Hormone-Releasing Hormone
D12.644.548.365.740.860.780.....Sermorelin
D12.644.548.365.740.880.....Thyrotropin-Releasing Hormone
D12.644.548.365.935.....Pro-Opiomelanocortin
D12.644.548.365.935.119.....alpha-Endorphin
D12.644.548.365.935.179.....alpha-MSH
D12.644.548.365.935.239.....beta-Endorphin
D12.644.548.365.935.480.....beta-Lipotropin
D12.644.548.365.935.492.....beta-MSH
D12.644.548.365.935.498.....Corticotropin-Like Intermediate Lobe Peptide
D12.644.548.365.935.505.....gamma-Endorphin
D12.644.548.365.935.518.....gamma-Lipotropin
D12.644.548.365.935.524.....gamma-MSH
D12.644.548.365.935.531.....Melanocortins
D12.644.548.365.935.531.500.....Adrenocorticotropic Hormone
D12.644.548.365.935.531.500.200.....Cosyntropin
D12.644.548.365.935.531.750.....Melanocyte-Stimulating Hormones
D12.644.548.365.935.531.750.050.....alpha-MSH
D12.644.548.365.935.531.750.075.....beta-MSH
D12.644.548.365.935.531.750.115.....gamma-MSH
D12.644.548.365.967.....Prolactin-Releasing Hormone
D12.644.548.387.....Inhibins
D12.644.548.387.500.....Inhibin-beta Subunits
D12.644.548.500.....Motilin
D12.644.548.585.....Natriuretic Peptides
D12.644.548.585.500.....Atrial Natriuretic Factor

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.548.585.625.....Natriuretic Peptide, Brain
D12.644.548.585.750.....Natriuretic Peptide, C-Type
D12.644.548.586.....Pancreatic Hormones
D12.644.548.586.200.....Insulins
D12.644.548.586.200.200.....Biphasic Insulins
D12.644.548.586.200.300.....Insulin, Long-Acting
D12.644.548.586.200.300.050.....Insulin Detemir
D12.644.548.586.200.300.100.....Insulin Glargine
D12.644.548.586.200.300.200.....Insulin, Isophane
D12.644.548.586.200.300.200.500.....Isophane Insulin, Human
D12.644.548.586.200.300.300.....Insulin, Lente
D12.644.548.586.200.300.800.....Insulin, Ultralente
D12.644.548.586.200.400.....Insulin, Short-Acting
D12.644.548.586.200.400.100.....Insulin Aspart
D12.644.548.586.200.400.500.....Insulin Lispro
D12.644.548.586.200.500.....Proinsulin
D12.644.548.586.200.500.250.....C-Peptide
D12.644.548.586.200.500.625.....Insulin
D12.644.548.586.200.500.625.500.....Insulin, Regular, Human
D12.644.548.586.200.500.625.500.500.....Isophane Insulin, Human
D12.644.548.586.200.500.625.700.....Insulin, Regular, Pork
D12.644.548.586.234.....Islet Amyloid Polypeptide
D12.644.548.586.469.....Proglucagon
D12.644.548.586.469.500.....Glucagon
D12.644.548.586.700.....Pancreatic Polypeptide
D12.644.548.586.780.....Somatostatin
D12.644.548.586.780.500.....Somatostatin-28
D12.644.548.587.....Parathyroid Hormone
D12.644.548.587.850.....Teriparatide
D12.644.548.588.....Parathyroid Hormone-Related Protein
D12.644.548.592.....Peptide PHI
D12.644.548.595.....Peptide YY
D12.644.548.691.....Pituitary Hormones
D12.644.548.691.525.....Pituitary Hormones, Anterior
D12.644.548.691.525.343.....Gonadotropins, Pituitary
D12.644.548.691.525.343.288.....Follicle Stimulating Hormone
D12.644.548.691.525.343.288.500.....Follicle Stimulating Hormone, beta Subunit
D12.644.548.691.525.343.288.750.....Glycoprotein Hormones, alpha Subunit
D12.644.548.691.525.343.463.....Luteinizing Hormone
D12.644.548.691.525.343.463.249.....Glycoprotein Hormones, alpha Subunit
D12.644.548.691.525.343.463.500.....Luteinizing Hormone, beta Subunit

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.548.691.525.343.583.....Menotropins
D12.644.548.691.525.343.583.500.....Urofollitropin
D12.644.548.691.525.425.....Growth Hormone
D12.644.548.691.525.425.875.....Human Growth Hormone
D12.644.548.691.525.525.....Prolactin
D12.644.548.691.525.690.....Pro-Opiomelanocortin
D12.644.548.691.525.690.119.....alpha-Endorphin
D12.644.548.691.525.690.179.....alpha-MSH
D12.644.548.691.525.690.239.....beta-Endorphin
D12.644.548.691.525.690.480.....beta-Lipotropin
D12.644.548.691.525.690.492.....beta-MSH
D12.644.548.691.525.690.498.....Corticotropin-Like Intermediate Lobe Peptide
D12.644.548.691.525.690.505.....gamma-Endorphin
D12.644.548.691.525.690.518.....gamma-Lipotropin
D12.644.548.691.525.690.524.....gamma-MSH
D12.644.548.691.525.690.531.....Melanocortins
D12.644.548.691.525.690.531.500.....Adrenocorticotrophic Hormone
D12.644.548.691.525.690.531.500.200.....Cosyntropin
D12.644.548.691.525.690.531.750.....Melanocyte-Stimulating Hormones
D12.644.548.691.525.690.531.750.050.....alpha-MSH
D12.644.548.691.525.690.531.750.075.....beta-MSH
D12.644.548.691.525.690.531.750.115.....gamma-MSH
D12.644.548.691.525.883.....Thyrotropin
D12.644.548.691.525.883.249.....Glycoprotein Hormones, alpha Subunit
D12.644.548.691.525.883.500.....Thyrotropin, beta Subunit
D12.644.548.691.692.....Pituitary Hormones, Posterior
D12.644.548.691.692.433.....Oxytocin
D12.644.548.691.692.781.....Vasopressins
D12.644.548.691.692.781.100.....Arginine Vasopressin
D12.644.548.691.692.781.100.250.....Deamino Arginine Vasopressin
D12.644.548.691.692.781.400.....Lypressin
D12.644.548.691.692.781.400.350.....Felypressin
D12.644.548.691.692.781.700.....Ornipressin
D12.644.548.691.692.881.....Vasotocin
D12.644.548.726.....Placental Hormones
D12.644.548.726.367.....Chorionic Gonadotropin
D12.644.548.726.367.125.....Chorionic Gonadotropin, beta Subunit, Human
D12.644.548.726.367.562.....Glycoprotein Hormones, alpha Subunit
D12.644.548.726.451.....Gonadotropins, Equine
D12.644.548.726.692.....Placental Lactogen
D12.644.548.762.....Relaxin

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.548.810.....Secretin
D12.644.548.869.....Thymosin
D12.644.548.887.....Urocortins
D12.644.548.905.....Urotensins
D12.644.548.952.....Vasoactive Intestinal Peptide
D12.644.555.....Peptide Library
D12.644.641.....Peptides, Cyclic
D12.644.641.040.....Alamethicin
D12.644.641.050.....Amanitins
D12.644.641.050.111.....Alpha-Amanitin
D12.644.641.075.....Bacitracin
D12.644.641.142.....Capreomycin
D12.644.641.235.....Cyclosporins
D12.644.641.235.300.....Cyclosporine
D12.644.641.243.....Cyclotides
D12.644.641.252.....Dactinomycin
D12.644.641.270.....Daptomycin
D12.644.641.297.....Depsipeptides
D12.644.641.297.500.....Valinomycin
D12.644.641.311.....Echinocandins
D12.644.641.325.....Echinomycin
D12.644.641.352.....Enterobactin
D12.644.641.380.....Ferrichrome
D12.644.641.447.....Microcystins
D12.644.641.515.....Mycobacillin
D12.644.641.548.....Nanotubes, Peptide
D12.644.641.582.....Nisin
D12.644.641.650.....Octreotide
D12.644.641.735.....Phalloidine
D12.644.641.780.....Polymyxins
D12.644.641.780.110.....Colistin
D12.644.641.780.750.....Polymyxin B
D12.644.641.802.....Streptogramins
D12.644.641.802.249.....Mikamycin
D12.644.641.802.374.....Pristinamycin
D12.644.641.802.500.....Streptogramin Group A
D12.644.641.802.500.500.....Streptogramin A
D12.644.641.802.750.....Streptogramin Group B
D12.644.641.802.750.500.....Streptogramin B
D12.644.641.802.812.....Vernamycin B
D12.644.641.802.875.....Virginiamycin

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.641.802.875.500.....Streptogramin A
D12.644.641.825.....Thiostrepton
D12.644.641.850.....Tyrothricin
D12.644.641.850.300.....Gramicidin
D12.644.641.850.920.....Tyrocidine
D12.644.641.875.....Viomycin
D12.644.641.875.250.....Enviomycin
D12.644.679.....Peptoids
D12.644.679.500.....N-substituted Glycines
D12.644.717.....Phosphopeptides
D12.644.740.....Polygeline
D12.644.748.....Polyglutamic Acid
D12.644.760.....Polylysine
D12.644.770.....Protein Sorting Signals
D12.644.770.600.....Nuclear Export Signals
D12.644.770.610.....Nuclear Localization Signals
D12.644.770.805.....Peroxisomal Targeting Signals
D12.644.822.....Proteinase Inhibitory Proteins, Secretory
D12.644.822.437.....Elafin
D12.644.822.468.....Protease Nexins
D12.644.822.468.750.....Serpin E2
D12.644.822.500.....Secretory Leukocyte Peptidase Inhibitor
D12.644.822.750.....Serine Peptidase Inhibitors, Kazal Type
D12.644.822.750.250.....Serine Peptidase Inhibitor Kazal-Type 5
D12.644.822.750.500.....Trypsin Inhibitor, Kazal Pancreatic
D12.644.848.....Salivary Proteins and Peptides
D12.644.848.249.....Glue Proteins, Drosophila
D12.644.848.500.....Histatins
D12.644.848.750.....Mucin-5B
D12.644.848.875.....Salivary alpha-Amylases
D12.644.848.906.....Salivary Cystatins
D12.644.848.937.....Salivary Proline-Rich Proteins
D12.644.861.....Serpins
D12.644.861.020.....Angiotensinogen
D12.644.861.030.....alpha 1-Antichymotrypsin
D12.644.861.035.....alpha 1-Antitrypsin
D12.644.861.050.....alpha-2-Antiplasmin
D12.644.861.060.....Antithrombin Proteins
D12.644.861.060.500.....Antithrombin III
D12.644.861.060.750.....Heparin Cofactor II
D12.644.861.060.875.....Hirudins

## 2018 MeSH Tree Hierarchy

Tree location
D12.644.861.140.....Complement C1 Inactivator Proteins
D12.644.861.140.500.....Complement C1 Inhibitor Protein
D12.644.861.418.....HSP47 Heat-Shock Proteins
D12.644.861.557.....Ovalbumin
D12.644.861.695.....Plasminogen Inactivators
D12.644.861.695.500.....Plasminogen Activator Inhibitor 1
D12.644.861.695.520.....Plasminogen Activator Inhibitor 2
D12.644.861.695.700.....Protein C Inhibitor
D12.644.861.695.850.....Serpin E2
D12.644.861.847.....Thyroxine-Binding Globulin
D12.644.861.923.....Transcortin
D12.644.875.....Tissue Polypeptide Antigen
D12.644.937.....Trefoil Factors
D12.644.937.500.....Trefoil Factor-1
D12.644.937.750.....Trefoil Factor-2
D12.644.937.875.....Trefoil Factor-3
D12.776.....Proteins
D12.776.034.....Albumins
D12.776.034.073.....Albumin-Bound Paclitaxel
D12.776.034.145.....C-Reactive Protein
D12.776.034.180.....Conalbumin
D12.776.034.398.....Lactalbumin
D12.776.034.614.....Ovalbumin
D12.776.034.614.300.....Avidin
D12.776.034.700.....Parvalbumins
D12.776.034.756.....Ricin
D12.776.034.841.....Serum Albumin
D12.776.034.841.225.....Methemalbumin
D12.776.034.841.450.....Prealbumin
D12.776.034.841.540.....Serum Albumin, Bovine
D12.776.034.841.603.....Serum Albumin, Human
D12.776.034.841.603.500.....Serum Albumin, Radio-Iodinated
D12.776.034.900.....Technetium Tc 99m Aggregated Albumin
D12.776.037.....Algal Proteins
D12.776.045.....Amphibian Proteins
D12.776.045.500.....Xenopus Proteins
D12.776.049.....Amyloid
D12.776.049.407.....Amyloidogenic Proteins
D12.776.049.407.249.....Amyloid beta-Protein Precursor
D12.776.049.407.249.500.....Amyloid beta-Peptides
D12.776.049.407.500.....Islet Amyloid Polypeptide



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.049.407.750.....Serum Amyloid A Protein
D12.776.049.407.875.....Serum Amyloid P-Component
D12.776.053.....Antifreeze Proteins
D12.776.053.100.....Antifreeze Proteins, Type I
D12.776.053.200.....Antifreeze Proteins, Type II
D12.776.053.350.....Antifreeze Proteins, Type III
D12.776.053.500.....Antifreeze Proteins, Type IV
D12.776.070.....Apoproteins
D12.776.070.290.....Apoenzymes
D12.776.070.345.....Apoferritins
D12.776.070.400.....Apolipoproteins
D12.776.070.400.100.....Apolipoproteins M
D12.776.070.400.200.....Apolipoproteins A
D12.776.070.400.200.100.....Apolipoprotein A-I
D12.776.070.400.200.150.....Apolipoprotein A-II
D12.776.070.400.200.575.....Apolipoprotein A-V
D12.776.070.400.300.....Apolipoproteins B
D12.776.070.400.300.240.....Apolipoprotein B-48
D12.776.070.400.300.249.....Apolipoprotein B-100
D12.776.070.400.400.....Apolipoproteins C
D12.776.070.400.400.500.....Apolipoprotein C-I
D12.776.070.400.400.750.....Apolipoprotein C-II
D12.776.070.400.400.875.....Apolipoprotein C-III
D12.776.070.400.450.....Apolipoproteins D
D12.776.070.400.500.....Apolipoproteins E
D12.776.070.400.500.249.....Apolipoprotein E2
D12.776.070.400.500.500.....Apolipoprotein E3
D12.776.070.400.500.750.....Apolipoprotein E4
D12.776.070.400.750.....Apolipoproteins L
D12.776.070.400.750.500.....Apolipoprotein L1
D12.776.083.....Aprotinin
D12.776.090.....Archaeal Proteins
D12.776.090.200.....Bacteriorhodopsins
D12.776.090.300.....Halorhodopsins
D12.776.090.650.....Periplasmic Proteins
D12.776.090.825.....Thermosomes
D12.776.091.....Armadillo Domain Proteins
D12.776.091.249.....beta Catenin
D12.776.091.500.....gamma Catenin
D12.776.091.750.....Plakophilins
D12.776.093.....Arthropod Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.093.249.....Agatoxins
D12.776.093.249.500.....omega-Agatoxin IVA
D12.776.093.312.....Erythrocruorins
D12.776.093.375.....Hemocyanins
D12.776.093.500.....Insect Proteins
D12.776.093.500.462.....Drosophila Proteins
D12.776.093.500.462.500.....Glue Proteins, Drosophila
D12.776.093.500.577.....Luciferases, Firefly
D12.776.093.500.925.....Vitellogenins
D12.776.093.750.....Silk
D12.776.093.750.500.....Fibroins
D12.776.093.750.750.....Sericins
D12.776.094.....Autophagy-Related Proteins
D12.776.094.250.....Autophagy-Related Protein 5
D12.776.094.391.....Autophagy-Related Protein 12
D12.776.094.399.....Autophagy-Related Protein 7
D12.776.094.407.....Autophagy-Related Protein 8 Family
D12.776.094.438.....Autophagy-Related Protein-1 Homolog
D12.776.094.500.....Beclin-1
D12.776.094.750.....Sequestosome-1 Protein
D12.776.095.....Avian Proteins
D12.776.097.....Bacterial Proteins
D12.776.097.049.....AraC Transcription Factor
D12.776.097.100.....Azurin
D12.776.097.120.....Bacterial Outer Membrane Proteins
D12.776.097.120.050.....Adhesins, Bacterial
D12.776.097.120.050.040.....Adhesins, Escherichia coli
D12.776.097.120.300.....Bacterial Transferrin Receptor Complex
D12.776.097.120.300.500.....Transferrin-Binding Protein A
D12.776.097.120.300.750.....Transferrin-Binding Protein B
D12.776.097.120.425.....Fimbriae Proteins
D12.776.097.130.....Bacterial Proton-Translocating ATPases
D12.776.097.151.....Bacteriocins
D12.776.097.151.190.....Cloacin
D12.776.097.151.615.....Megacins
D12.776.097.151.700.....Nisin
D12.776.097.151.743.....Pediocins
D12.776.097.151.785.....Pyocins
D12.776.097.156.....Botulinum Toxins
D12.776.097.156.100.....Botulinum Toxins, Type A
D12.776.097.162.....Cell Wall Skeleton

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.097.181.....Coagulase
D12.776.097.200.....Colicins
D12.776.097.237.....DNA Gyrase
D12.776.097.256.....DNA Topoisomerase IV
D12.776.097.275.....Escherichia coli Proteins
D12.776.097.275.500.....Adhesins, Escherichia coli
D12.776.097.275.877.....Shiga Toxin 1
D12.776.097.275.879.....Shiga Toxin 2
D12.776.097.293.....Exfoliatins
D12.776.097.312.....Factor For Inversion Stimulation Protein
D12.776.097.350.....Ferredoxins
D12.776.097.350.450.....Molybdoferredoxin
D12.776.097.350.650.....Rubredoxins
D12.776.097.380.....Flagellin
D12.776.097.400.....Flavodoxin
D12.776.097.513.....Integration Host Factors
D12.776.097.513.500.....Host Factor 1 Protein
D12.776.097.521.....Lac Repressors
D12.776.097.529.....Luciferases, Bacterial
D12.776.097.533.....Methyl-Accepting Chemotaxis Proteins
D12.776.097.537.....MutS DNA Mismatch-Binding Protein
D12.776.097.541.....NADP Transhydrogenase, B-Specific
D12.776.097.545.....Penicillin-Binding Proteins
D12.776.097.577.....Periplasmic Proteins
D12.776.097.577.500.....Periplasmic Binding Proteins
D12.776.097.577.500.500.....Maltose-Binding Proteins
D12.776.097.698.....RNA Polymerase Sigma 54
D12.776.097.820.....Staphylococcal Protein A
D12.776.097.835.....Streptavidin
D12.776.097.872.....Tetanus Toxin
D12.776.097.890.....Transcription Activator-Like Effectors
D12.776.124.....Blood Proteins
D12.776.124.050.....Acute-Phase Proteins
D12.776.124.050.050.....alpha 1-Antichymotrypsin
D12.776.124.050.070.....alpha 1-Antitrypsin
D12.776.124.050.080.....alpha-Macroglobulins
D12.776.124.050.120.....C-Reactive Protein
D12.776.124.050.130.....Ceruloplasmin
D12.776.124.050.140.....Complement C3
D12.776.124.050.250.....Fibrinogen
D12.776.124.050.250.265.....Fibrinogens, Abnormal

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.050.300.....Haptoglobins
D12.776.124.050.350.....Hemopexin
D12.776.124.050.475.....Lipocalin-2
D12.776.124.050.600.....Orosomuroid
D12.776.124.050.725.....Serum Amyloid A Protein
D12.776.124.050.730.....Serum Amyloid P-Component
D12.776.124.050.800.....Transferrin
D12.776.124.050.850.....Trypsin Inhibitor, Kazal Pancreatic
D12.776.124.117.....beta 2-Glycoprotein I
D12.776.124.125.....Blood Coagulation Factors
D12.776.124.125.050.....beta-Thromboglobulin
D12.776.124.125.300.....Factor V
D12.776.124.125.300.300.....Factor Va
D12.776.124.125.325.....Factor VII
D12.776.124.125.325.300.....Factor VIIa
D12.776.124.125.350.....Factor VIII
D12.776.124.125.350.300.....Factor VIIIa
D12.776.124.125.375.....Factor IX
D12.776.124.125.375.310.....Factor IXa
D12.776.124.125.400.....Factor X
D12.776.124.125.400.315.....Factor Xa
D12.776.124.125.425.....Factor XI
D12.776.124.125.425.320.....Factor XIa
D12.776.124.125.450.....Factor XII
D12.776.124.125.450.324.....Factor XIIa
D12.776.124.125.475.....Factor XIII
D12.776.124.125.475.500.....Factor XIIIa
D12.776.124.125.500.....Fibrinogen
D12.776.124.125.500.265.....Fibrinogens, Abnormal
D12.776.124.125.515.....Fibrinopeptide A
D12.776.124.125.530.....Fibrinopeptide B
D12.776.124.125.597.....Kallikreins
D12.776.124.125.597.712.....Prekallikrein
D12.776.124.125.635.....Kininogens
D12.776.124.125.635.480.....Kininogen, High-Molecular-Weight
D12.776.124.125.635.490.....Kininogen, Low-Molecular-Weight
D12.776.124.125.640.....Plasminogen Activator Inhibitor 1
D12.776.124.125.645.....Plasminogen Activator Inhibitor 2
D12.776.124.125.662.....Plasminogen Activators
D12.776.124.125.662.537.....Streptokinase
D12.776.124.125.662.537.075.....Anistreplase

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.125.662.537.900.....Streptodornase and Streptokinase
D12.776.124.125.662.768.....Tissue Plasminogen Activator
D12.776.124.125.662.884.....Urokinase-Type Plasminogen Activator
D12.776.124.125.691.....Platelet Factor 3
D12.776.124.125.720.....Platelet Factor 4
D12.776.124.125.800.....Prothrombin
D12.776.124.125.890.....Thrombin
D12.776.124.125.900.....Thromboplastin
D12.776.124.125.920.....von Willebrand Factor
D12.776.124.197.....Cholesterol Ester Transfer Proteins
D12.776.124.270.....Fibrin
D12.776.124.270.300.....Fibrin Fibrinogen Degradation Products
D12.776.124.270.302.....Fibrin Foam
D12.776.124.270.305.....Fibrin Tissue Adhesive
D12.776.124.270.310.....Fibrinopeptide A
D12.776.124.270.320.....Fibrinopeptide B
D12.776.124.400.....Hemoglobins
D12.776.124.400.141.....Carboxyhemoglobin
D12.776.124.400.303.....Fetal Hemoglobin
D12.776.124.400.405.....Hemoglobin A
D12.776.124.400.405.440.....Glycated Hemoglobin A
D12.776.124.400.405.450.....Hemoglobin A2
D12.776.124.400.434.....Hemoglobin Subunits
D12.776.124.400.434.320.....alpha-Globins
D12.776.124.400.434.320.500.....zeta-Globins
D12.776.124.400.434.325.....beta-Globins
D12.776.124.400.434.325.249.....delta-Globins
D12.776.124.400.434.325.374.....epsilon-Globins
D12.776.124.400.434.325.500.....gamma-Globins
D12.776.124.400.463.....Hemoglobins, Abnormal
D12.776.124.400.463.338.....Hemoglobin C
D12.776.124.400.463.375.....Hemoglobin E
D12.776.124.400.463.463.....Hemoglobin H
D12.776.124.400.463.480.....Hemoglobin J
D12.776.124.400.463.510.....Hemoglobin M
D12.776.124.400.463.588.....Hemoglobin, Sickle
D12.776.124.400.599.....Methemoglobin
D12.776.124.400.707.....Oxyhemoglobins
D12.776.124.400.877.....Sulfhemoglobin
D12.776.124.486.....Immunoproteins
D12.776.124.486.157.....C-Reactive Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.486.274.....Complement System Proteins
D12.776.124.486.274.024.....Anaphylatoxins
D12.776.124.486.274.024.250.....Complement C3a
D12.776.124.486.274.024.260.....Complement C4a
D12.776.124.486.274.024.270.....Complement C5a
D12.776.124.486.274.024.270.255.....Complement C5a, des-Arginine
D12.776.124.486.274.045.....Complement Activating Enzymes
D12.776.124.486.274.045.280.....Complement C1r
D12.776.124.486.274.045.290.....Complement C1s
D12.776.124.486.274.045.387.....Complement C3-C5 Convertases
D12.776.124.486.274.045.387.500.....Complement C3-C5 Convertases, Alternative Pathway
D12.776.124.486.274.045.387.500.374.....Complement C3 Convertase, Alternative Pathway
D12.776.124.486.274.045.387.500.750.....Complement C5 Convertase, Alternative Pathway
D12.776.124.486.274.045.387.750.....Complement C3-C5 Convertases, Classical Pathway
D12.776.124.486.274.045.387.750.500.....Complement C3 Convertase, Classical Pathway
D12.776.124.486.274.045.387.750.750.....Complement C5 Convertase, Classical Pathway
D12.776.124.486.274.045.387.875.....Mannose-Binding Protein-Associated Serine Proteases
D12.776.124.486.274.045.450.....Complement Factor D
D12.776.124.486.274.050.....Complement C1
D12.776.124.486.274.050.270.....Complement C1q
D12.776.124.486.274.050.280.....Complement C1r
D12.776.124.486.274.050.290.....Complement C1s
D12.776.124.486.274.150.....Complement C2
D12.776.124.486.274.150.500.....Complement C2a
D12.776.124.486.274.150.750.....Complement C2b
D12.776.124.486.274.250.....Complement C3
D12.776.124.486.274.250.250.....Complement C3a
D12.776.124.486.274.250.260.....Complement C3b
D12.776.124.486.274.250.260.500.....Complement C3c
D12.776.124.486.274.250.260.750.....Complement C3d
D12.776.124.486.274.350.....Complement C4
D12.776.124.486.274.350.250.....Complement C4a
D12.776.124.486.274.350.260.....Complement C4b
D12.776.124.486.274.450.....Complement C5
D12.776.124.486.274.450.250.....Complement C5a
D12.776.124.486.274.450.250.255.....Complement C5a, des-Arginine
D12.776.124.486.274.450.625.....Complement C5b
D12.776.124.486.274.550.....Complement C6
D12.776.124.486.274.650.....Complement C7
D12.776.124.486.274.750.....Complement C8
D12.776.124.486.274.850.....Complement C9

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.124.486.274.900.....	Complement Factor B
D12.776.124.486.274.920.....	Complement Inactivator Proteins
D12.776.124.486.274.920.124.....	Membrane Cofactor Protein
D12.776.124.486.274.920.250.....	Complement C1 Inactivator Proteins
D12.776.124.486.274.920.250.500.....	Complement C1 Inhibitor Protein
D12.776.124.486.274.920.287.....	Complement C3 Nephritic Factor
D12.776.124.486.274.920.325.....	Complement C3b Inactivator Proteins
D12.776.124.486.274.920.325.200.....	Complement Factor H
D12.776.124.486.274.920.325.210.....	Complement Factor I
D12.776.124.486.274.920.662.....	Complement C4b-Binding Protein
D12.776.124.486.274.930.....	Complement Membrane Attack Complex
D12.776.124.486.274.965.....	Properdin
D12.776.124.486.379.....	Eosinophil Granule Proteins
D12.776.124.486.379.249.....	Eosinophil Cationic Protein
D12.776.124.486.379.275.....	Eosinophil-Derived Neurotoxin
D12.776.124.486.379.500.....	Eosinophil Major Basic Protein
D12.776.124.486.379.600.....	Eosinophil Peroxidase
D12.776.124.486.485.....	Immunoglobulins
D12.776.124.486.485.114.....	Antibodies
D12.776.124.486.485.114.071.....	Antibodies, Anti-Idiotypic
D12.776.124.486.485.114.071.500.....	Omalizumab
D12.776.124.486.485.114.089.....	Antibodies, Archaeal
D12.776.124.486.485.114.107.....	Antibodies, Bacterial
D12.776.124.486.485.114.107.288.....	Antistreptolysin
D12.776.124.486.485.114.125.....	Antibodies, Bispecific
D12.776.124.486.485.114.143.....	Antibodies, Blocking
D12.776.124.486.485.114.167.....	Antibodies, Catalytic
D12.776.124.486.485.114.179.....	Antibodies, Fungal
D12.776.124.486.485.114.185.....	Antibodies, Helminth
D12.776.124.486.485.114.191.....	Antibodies, Heterophile
D12.776.124.486.485.114.207.....	Antibodies, Immobilized
D12.776.124.486.485.114.224.....	Antibodies, Monoclonal
D12.776.124.486.485.114.224.060.....	Antibodies, Monoclonal, Humanized
D12.776.124.486.485.114.224.060.250.....	Adalimumab
D12.776.124.486.485.114.224.060.313.....	Alemtuzumab
D12.776.124.486.485.114.224.060.375.....	Bevacizumab
D12.776.124.486.485.114.224.060.500.....	Certolizumab Pegol
D12.776.124.486.485.114.224.060.750.....	Cetuximab
D12.776.124.486.485.114.224.060.782.....	Denosumab
D12.776.124.486.485.114.224.060.798.....	Ipilimumab
D12.776.124.486.485.114.224.060.813.....	Natalizumab

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.486.485.114.224.060.844.....Omalizumab
D12.776.124.486.485.114.224.060.860.....Palivizumab
D12.776.124.486.485.114.224.060.868.....Ranibizumab
D12.776.124.486.485.114.224.060.875.....Trastuzumab
D12.776.124.486.485.114.224.060.937.....Ustekinumab
D12.776.124.486.485.114.224.075.....Antibodies, Monoclonal, Murine-Derived
D12.776.124.486.485.114.224.075.570.....Muromonab-CD3
D12.776.124.486.485.114.224.075.785.....Rituximab
D12.776.124.486.485.114.224.608.....Infliximab
D12.776.124.486.485.114.224.785.....Single-Chain Antibodies
D12.776.124.486.485.114.240.....Antibodies, Neoplasm
D12.776.124.486.485.114.244.....Antibodies, Neutralizing
D12.776.124.486.485.114.248.....Antibodies, Phospho-Specific
D12.776.124.486.485.114.252.....Antibodies, Protozoan
D12.776.124.486.485.114.254.....Antibodies, Viral
D12.776.124.486.485.114.254.150.....Deltaretrovirus Antibodies
D12.776.124.486.485.114.254.150.440.....HIV Antibodies
D12.776.124.486.485.114.254.150.500.....HTLV-I Antibodies
D12.776.124.486.485.114.254.150.510.....HTLV-II Antibodies
D12.776.124.486.485.114.254.450.....Hepatitis Antibodies
D12.776.124.486.485.114.254.450.251.....Hepatitis A Antibodies
D12.776.124.486.485.114.254.450.504.....Hepatitis B Antibodies
D12.776.124.486.485.114.254.450.510.....Hepatitis C Antibodies
D12.776.124.486.485.114.257.....Antigen-Antibody Complex
D12.776.124.486.485.114.323.....Autoantibodies
D12.776.124.486.485.114.323.095.....Anti-Citrullinated Protein Antibodies
D12.776.124.486.485.114.323.190.....Antibodies, Antineutrophil Cytoplasmic
D12.776.124.486.485.114.323.204.....Antibodies, Antinuclear
D12.776.124.486.485.114.323.210.....Antibodies, Antiphospholipid
D12.776.124.486.485.114.323.210.100.....Antibodies, Anticardiolipin
D12.776.124.486.485.114.323.210.600.....Lupus Coagulation Inhibitor
D12.776.124.486.485.114.323.300.....Complement C3 Nephritic Factor
D12.776.124.486.485.114.323.390.....Immunoconglutinins
D12.776.124.486.485.114.323.480.....Immunoglobulins, Thyroid-Stimulating
D12.776.124.486.485.114.323.480.500.....Long-Acting Thyroid Stimulator
D12.776.124.486.485.114.323.732.....Rheumatoid Factor
D12.776.124.486.485.114.573.....Immune Sera
D12.776.124.486.485.114.573.203.....Antilymphocyte Serum
D12.776.124.486.485.114.573.601.....Antitoxins
D12.776.124.486.485.114.573.601.138.....Antivenins
D12.776.124.486.485.114.573.601.268.....Botulinum Antitoxin



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.486.485.114.573.601.438.....Diphtheria Antitoxin
D12.776.124.486.485.114.573.601.849.....Tetanus Antitoxin
D12.776.124.486.485.114.606.....Immunoglobulin Allotypes
D12.776.124.486.485.114.606.586.....Immunoglobulin Gm Allotypes
D12.776.124.486.485.114.606.587.....Immunoglobulin Km Allotypes
D12.776.124.486.485.114.619.....Immunoglobulin Isotypes
D12.776.124.486.485.114.619.026.....Immunoglobulin A
D12.776.124.486.485.114.619.026.030.....Immunoglobulin A, Secretory
D12.776.124.486.485.114.619.026.030.500.....Secretory Component
D12.776.124.486.485.114.619.026.515.....Immunoglobulin alpha-Chains
D12.776.124.486.485.114.619.251.....Immunoglobulin D
D12.776.124.486.485.114.619.251.500.....Immunoglobulin delta-Chains
D12.776.124.486.485.114.619.312.....Immunoglobulin E
D12.776.124.486.485.114.619.312.500.....Immunoglobulin epsilon-Chains
D12.776.124.486.485.114.619.393.....Immunoglobulin G
D12.776.124.486.485.114.619.393.261.....Etanercept
D12.776.124.486.485.114.619.393.522.....Immunoglobulin gamma-Chains
D12.776.124.486.485.114.619.393.522.400.....Immunoglobulin Gm Allotypes
D12.776.124.486.485.114.619.393.536.....Immunoglobulins, Intravenous
D12.776.124.486.485.114.619.393.550.....Long-Acting Thyroid Stimulator
D12.776.124.486.485.114.619.393.570.....Muromonab-CD3
D12.776.124.486.485.114.619.393.700.....Rho(D) Immune Globulin
D12.776.124.486.485.114.619.574.....Immunoglobulin M
D12.776.124.486.485.114.619.574.500.....Immunoglobulin mu-Chains
D12.776.124.486.485.114.632.....Immunoglobulins, Intravenous
D12.776.124.486.485.114.656.....Insulin Antibodies
D12.776.124.486.485.114.664.....Isoantibodies
D12.776.124.486.485.114.715.....Oligoclonal Bands
D12.776.124.486.485.114.767.....Opsonin Proteins
D12.776.124.486.485.114.820.....Plantibodies
D12.776.124.486.485.114.837.....Precipitins
D12.776.124.486.485.114.890.....Reagins
D12.776.124.486.485.397.....gamma-Globulins
D12.776.124.486.485.397.500.....Tuftsin
D12.776.124.486.485.538.....Immunoglobulin Constant Regions
D12.776.124.486.485.538.500.....Immunoglobulin Fc Fragments
D12.776.124.486.485.538.500.249.....CD4 Immunoadhesins
D12.776.124.486.485.680.....Immunoglobulin Fragments
D12.776.124.486.485.680.650.....Immunoglobulin Fab Fragments
D12.776.124.486.485.680.650.250.....Certolizumab Pegol
D12.776.124.486.485.680.650.500.....Immunoglobulin Variable Region

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.486.485.680.650.500.180.....Complementarity Determining Regions
D12.776.124.486.485.680.650.500.590.....Immunoglobulin Joining Region
D12.776.124.486.485.680.650.500.800.....Single-Chain Antibodies
D12.776.124.486.485.680.650.500.900.....Single-Domain Antibodies
D12.776.124.486.485.680.650.750.....Tuftsin
D12.776.124.486.485.680.697.....Immunoglobulin Fc Fragments
D12.776.124.486.485.680.697.249.....CD4 Immunoadhesins
D12.776.124.486.485.680.745.....Immunoglobulin Idiotypes
D12.776.124.486.485.705.....Immunoglobulin Subunits
D12.776.124.486.485.705.500.....Immunoglobulin Heavy Chains
D12.776.124.486.485.705.500.350.....Immunoglobulin alpha-Chains
D12.776.124.486.485.705.500.360.....Immunoglobulin delta-Chains
D12.776.124.486.485.705.500.370.....Immunoglobulin epsilon-Chains
D12.776.124.486.485.705.500.380.....Immunoglobulin gamma-Chains
D12.776.124.486.485.705.500.380.500.....Immunoglobulin Gm Allotypes
D12.776.124.486.485.705.500.500.....Immunoglobulin mu-Chains
D12.776.124.486.485.705.625.....Immunoglobulin J-Chains
D12.776.124.486.485.705.750.....Immunoglobulin Light Chains
D12.776.124.486.485.705.750.530.....Immunoglobulin kappa-Chains
D12.776.124.486.485.705.750.530.500.....Immunoglobulin Km Allotypes
D12.776.124.486.485.705.750.550.....Immunoglobulin lambda-Chains
D12.776.124.486.485.705.750.775.....Immunoglobulin Light Chains, Surrogate
D12.776.124.486.485.705.875.....Secretory Component
D12.776.124.486.485.797.....Immunoglobulin Variable Region
D12.776.124.486.485.797.180.....Complementarity Determining Regions
D12.776.124.486.485.797.590.....Immunoglobulin Joining Region
D12.776.124.486.485.900.....Paraproteins
D12.776.124.486.485.900.120.....Bence Jones Protein
D12.776.124.486.485.900.225.....Cryoglobulins
D12.776.124.486.485.900.500.....Myeloma Proteins
D12.776.124.486.485.900.700.....Pyroglobulins
D12.776.124.486.657.....Opsonin Proteins
D12.776.124.625.....Platelet-Derived Growth Factor
D12.776.124.625.650.....Proto-Oncogene Proteins c-sis
D12.776.124.650.....Protein C
D12.776.124.670.....Protein S
D12.776.124.698.....Retinol-Binding Proteins, Plasma
D12.776.124.727.....Serum Albumin
D12.776.124.727.375.....Methemalbumin
D12.776.124.727.750.....Prealbumin
D12.776.124.727.875.....Serum Albumin, Bovine

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.727.906.....Serum Albumin, Human
D12.776.124.727.906.750.....Serum Albumin, Radio-Iodinated
D12.776.124.790.....Serum Globulins
D12.776.124.790.106.....Alpha-Globulins
D12.776.124.790.106.050.....alpha 1-Antichymotrypsin
D12.776.124.790.106.085.....alpha 1-Antitrypsin
D12.776.124.790.106.090.....alpha-2-Antiplasmin
D12.776.124.790.106.092.....alpha-Fetoproteins
D12.776.124.790.106.100.....alpha-Macroglobulins
D12.776.124.790.106.125.....Antithrombin III
D12.776.124.790.106.214.....Ceruloplasmin
D12.776.124.790.106.304.....Fetuians
D12.776.124.790.106.304.500.....alpha-2-HS-Glycoprotein
D12.776.124.790.106.304.750.....Fetuin-B
D12.776.124.790.106.394.....Haptoglobins
D12.776.124.790.106.450.....Heparin Cofactor II
D12.776.124.790.106.640.....Orosomuroid
D12.776.124.790.106.740.....Progesterone-Binding Globulin
D12.776.124.790.106.745.....Retinol-Binding Proteins, Plasma
D12.776.124.790.106.901.....Transcortin
D12.776.124.790.223.....Beta-Globulins
D12.776.124.790.223.100.....beta 2-Microglobulin
D12.776.124.790.223.160.....beta-Thromboglobulin
D12.776.124.790.223.200.....Complement Factor H
D12.776.124.790.223.338.....Hemopexin
D12.776.124.790.223.580.....Plasminogen
D12.776.124.790.223.580.500.....Angiostatins
D12.776.124.790.223.624.....Properdin
D12.776.124.790.223.800.....Sex Hormone-Binding Globulin
D12.776.124.790.223.839.....Transferrin
D12.776.124.790.651.....Immunoglobulins
D12.776.124.790.651.114.....Antibodies
D12.776.124.790.651.114.071.....Antibodies, Anti-Idiotypic
D12.776.124.790.651.114.071.500.....Omalizumab
D12.776.124.790.651.114.107.....Antibodies, Archaeal
D12.776.124.790.651.114.125.....Antibodies, Bacterial
D12.776.124.790.651.114.125.288.....Antistreptolysin
D12.776.124.790.651.114.134.....Antibodies, Bispecific
D12.776.124.790.651.114.143.....Antibodies, Blocking
D12.776.124.790.651.114.167.....Antibodies, Catalytic
D12.776.124.790.651.114.179.....Antibodies, Fungal

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.124.790.651.114.185.....	Antibodies, Helminth
D12.776.124.790.651.114.191.....	Antibodies, Heterophile
D12.776.124.790.651.114.207.....	Antibodies, Immobilized
D12.776.124.790.651.114.224.....	Antibodies, Monoclonal
D12.776.124.790.651.114.224.060.....	Antibodies, Monoclonal, Humanized
D12.776.124.790.651.114.224.060.250.....	Adalimumab
D12.776.124.790.651.114.224.060.375.....	Alemtuzumab
D12.776.124.790.651.114.224.060.438.....	Bevacizumab
D12.776.124.790.651.114.224.060.500.....	Certolizumab Pegol
D12.776.124.790.651.114.224.060.750.....	Cetuximab
D12.776.124.790.651.114.224.060.782.....	Denosumab
D12.776.124.790.651.114.224.060.798.....	Ipilimumab
D12.776.124.790.651.114.224.060.813.....	Natalizumab
D12.776.124.790.651.114.224.060.844.....	Omalizumab
D12.776.124.790.651.114.224.060.860.....	Palivizumab
D12.776.124.790.651.114.224.060.868.....	Ranibizumab
D12.776.124.790.651.114.224.060.875.....	Trastuzumab
D12.776.124.790.651.114.224.060.937.....	Ustekinumab
D12.776.124.790.651.114.224.075.....	Antibodies, Monoclonal, Murine-Derived
D12.776.124.790.651.114.224.075.570.....	Muromonab-CD3
D12.776.124.790.651.114.224.075.785.....	Rituximab
D12.776.124.790.651.114.224.537.....	Infliximab
D12.776.124.790.651.114.240.....	Antibodies, Neoplasm
D12.776.124.790.651.114.244.....	Antibodies, Neutralizing
D12.776.124.790.651.114.248.....	Antibodies, Phospho-Specific
D12.776.124.790.651.114.252.....	Antibodies, Protozoan
D12.776.124.790.651.114.254.....	Antibodies, Viral
D12.776.124.790.651.114.254.150.....	Deltaretrovirus Antibodies
D12.776.124.790.651.114.254.150.440.....	HIV Antibodies
D12.776.124.790.651.114.254.150.500.....	HTLV-I Antibodies
D12.776.124.790.651.114.254.150.510.....	HTLV-II Antibodies
D12.776.124.790.651.114.254.450.....	Hepatitis Antibodies
D12.776.124.790.651.114.254.450.251.....	Hepatitis A Antibodies
D12.776.124.790.651.114.254.450.504.....	Hepatitis B Antibodies
D12.776.124.790.651.114.254.450.510.....	Hepatitis C Antibodies
D12.776.124.790.651.114.257.....	Antigen-Antibody Complex
D12.776.124.790.651.114.323.....	Autoantibodies
D12.776.124.790.651.114.323.095.....	Anti-Citrullinated Protein Antibodies
D12.776.124.790.651.114.323.190.....	Antibodies, Antineutrophil Cytoplasmic
D12.776.124.790.651.114.323.204.....	Antibodies, Antinuclear
D12.776.124.790.651.114.323.210.....	Antibodies, Antiphospholipid

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.790.651.114.323.210.100.....Antibodies, Anticardiolipin
D12.776.124.790.651.114.323.210.600.....Lupus Coagulation Inhibitor
D12.776.124.790.651.114.323.300.....Complement C3 Nephritic Factor
D12.776.124.790.651.114.323.390.....Immunoconglutinins
D12.776.124.790.651.114.323.480.....Immunoglobulins, Thyroid-Stimulating
D12.776.124.790.651.114.323.480.500.....Long-Acting Thyroid Stimulator
D12.776.124.790.651.114.323.732.....Rheumatoid Factor
D12.776.124.790.651.114.573.....Immune Sera
D12.776.124.790.651.114.573.203.....Antilymphocyte Serum
D12.776.124.790.651.114.573.601.....Antitoxins
D12.776.124.790.651.114.573.601.138.....Antivenins
D12.776.124.790.651.114.573.601.268.....Botulinum Antitoxin
D12.776.124.790.651.114.573.601.438.....Diphtheria Antitoxin
D12.776.124.790.651.114.573.601.849.....Tetanus Antitoxin
D12.776.124.790.651.114.580.....Immunoconjugates
D12.776.124.790.651.114.580.225.....Abatacept
D12.776.124.790.651.114.580.450.....Immunotoxins
D12.776.124.790.651.114.606.....Immunoglobulin Allotypes
D12.776.124.790.651.114.606.586.....Immunoglobulin Gm Allotypes
D12.776.124.790.651.114.606.587.....Immunoglobulin Km Allotypes
D12.776.124.790.651.114.619.....Immunoglobulin Isotypes
D12.776.124.790.651.114.619.026.....Immunoglobulin A
D12.776.124.790.651.114.619.026.030.....Immunoglobulin A, Secretory
D12.776.124.790.651.114.619.026.030.500.....Secretory Component
D12.776.124.790.651.114.619.026.515.....Immunoglobulin alpha-Chains
D12.776.124.790.651.114.619.251.....Immunoglobulin D
D12.776.124.790.651.114.619.251.500.....Immunoglobulin delta-Chains
D12.776.124.790.651.114.619.312.....Immunoglobulin E
D12.776.124.790.651.114.619.312.500.....Immunoglobulin epsilon-Chains
D12.776.124.790.651.114.619.393.....Immunoglobulin G
D12.776.124.790.651.114.619.393.261.....Etanercept
D12.776.124.790.651.114.619.393.522.....Immunoglobulin gamma-Chains
D12.776.124.790.651.114.619.393.522.400.....Immunoglobulin Gm Allotypes
D12.776.124.790.651.114.619.393.550.....Long-Acting Thyroid Stimulator
D12.776.124.790.651.114.619.393.570.....Muromonab-CD3
D12.776.124.790.651.114.619.393.700.....Rho(D) Immune Globulin
D12.776.124.790.651.114.619.574.....Immunoglobulin M
D12.776.124.790.651.114.619.574.500.....Immunoglobulin mu-Chains
D12.776.124.790.651.114.632.....Immunoglobulins, Intravenous
D12.776.124.790.651.114.656.....Insulin Antibodies
D12.776.124.790.651.114.664.....Isoantibodies

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.790.651.114.715.....Oligoclonal Bands
D12.776.124.790.651.114.767.....Opsonin Proteins
D12.776.124.790.651.114.820.....Plantibodies
D12.776.124.790.651.114.837.....Precipitins
D12.776.124.790.651.114.890.....Reagins
D12.776.124.790.651.397.....gamma-Globulins
D12.776.124.790.651.397.500.....Tuftsin
D12.776.124.790.651.538.....Immunoglobulin Constant Regions
D12.776.124.790.651.538.500.....Immunoglobulin Fc Fragments
D12.776.124.790.651.538.500.249.....CD4 Immuno adhesins
D12.776.124.790.651.680.....Immunoglobulin Fragments
D12.776.124.790.651.680.650.....Immunoglobulin Fab Fragments
D12.776.124.790.651.680.650.250.....Certolizumab Pegol
D12.776.124.790.651.680.650.500.....Immunoglobulin Variable Region
D12.776.124.790.651.680.650.500.180.....Complementarity Determining Regions
D12.776.124.790.651.680.650.500.590.....Immunoglobulin Joining Region
D12.776.124.790.651.680.650.500.800.....Single-Chain Antibodies
D12.776.124.790.651.680.650.500.900.....Single-Domain Antibodies
D12.776.124.790.651.680.650.750.....Tuftsin
D12.776.124.790.651.680.660.....Immunoglobulin Fc Fragments
D12.776.124.790.651.680.660.249.....CD4 Immuno adhesins
D12.776.124.790.651.680.745.....Immunoglobulin Idiotypes
D12.776.124.790.651.705.....Immunoglobulin Subunits
D12.776.124.790.651.705.500.....Immunoglobulin Heavy Chains
D12.776.124.790.651.705.500.350.....Immunoglobulin alpha-Chains
D12.776.124.790.651.705.500.360.....Immunoglobulin delta-Chains
D12.776.124.790.651.705.500.370.....Immunoglobulin epsilon-Chains
D12.776.124.790.651.705.500.380.....Immunoglobulin gamma-Chains
D12.776.124.790.651.705.500.380.500.....Immunoglobulin Gm Allotypes
D12.776.124.790.651.705.500.500.....Immunoglobulin mu-Chains
D12.776.124.790.651.705.625.....Immunoglobulin J-Chains
D12.776.124.790.651.705.750.....Immunoglobulin Light Chains
D12.776.124.790.651.705.750.530.....Immunoglobulin kappa-Chains
D12.776.124.790.651.705.750.530.500.....Immunoglobulin Km Allotypes
D12.776.124.790.651.705.750.550.....Immunoglobulin lambda-Chains
D12.776.124.790.651.705.750.775.....Immunoglobulin Light Chains, Surrogate
D12.776.124.790.651.705.875.....Secretory Component
D12.776.124.790.651.797.....Immunoglobulin Variable Region
D12.776.124.790.651.797.180.....Complementarity Determining Regions
D12.776.124.790.651.797.590.....Immunoglobulin Joining Region
D12.776.124.790.651.900.....Paraproteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.124.790.651.900.120.....Bence Jones Protein
D12.776.124.790.651.900.225.....Cryoglobulins
D12.776.124.790.651.900.500.....Myeloma Proteins
D12.776.124.790.651.900.700.....Pyroglobulins
D12.776.124.790.651.950.....Receptors, Antigen, B-Cell
D12.776.124.790.651.950.500.....CD79 Antigens
D12.776.124.790.651.950.750.....Pre-B Cell Receptors
D12.776.124.790.651.950.750.500.....Immunoglobulin Light Chains, Surrogate
D12.776.124.790.720.....Macroglobulins
D12.776.124.790.720.100.....alpha-Macroglobulins
D12.776.124.790.720.100.500.....Pregnancy-Associated alpha 2-Macroglobulins
D12.776.124.790.900.....Transcobalamins
D12.776.124.862.....Somatomedins
D12.776.124.862.400.....Insulin-Like Growth Factor I
D12.776.124.862.425.....Insulin-Like Growth Factor II
D12.776.124.862.575.....Nonsuppressible Insulin-Like Activity
D12.776.124.885.....Thyroxine-Binding Proteins
D12.776.124.885.500.....Thyroxine-Binding Globulin
D12.776.124.900.....Tumor Necrosis Factor-alpha
D12.776.124.920.....Vitronectin
D12.776.141.....C9orf72 Protein
D12.776.157.....Carrier Proteins
D12.776.157.025.....AAA Proteins
D12.776.157.025.750.....ATPases Associated with Diverse Cellular Activities
D12.776.157.025.750.032.....ATP-Dependent Proteases
D12.776.157.025.750.032.099.....ATP-Dependent Endopeptidases
D12.776.157.025.750.032.099.500.....Endopeptidase Clp
D12.776.157.025.750.032.099.750.....Protease La
D12.776.157.025.750.063.....Dyneins
D12.776.157.025.750.250.....Katanin
D12.776.157.025.750.375.....N-Ethylmaleimide-Sensitive Proteins
D12.776.157.025.750.438.....Replication Protein C
D12.776.157.025.750.500.....Spastin
D12.776.157.025.750.750.....Valosin Containing Protein
D12.776.157.050.....Acyl Carrier Protein
D12.776.157.057.....Adaptor Proteins, Signal Transducing
D12.776.157.057.001.....5-Lipoxygenase-Activating Proteins
D12.776.157.057.002.....14-3-3 Proteins
D12.776.157.057.003.....A Kinase Anchor Proteins
D12.776.157.057.005.....Arrestins
D12.776.157.057.005.050.....Arrestin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.057.005.525.....beta-Arrestins
D12.776.157.057.005.525.500.....beta-Arrestin 1
D12.776.157.057.005.525.750.....beta-Arrestin 2
D12.776.157.057.006.....CARD Signaling Adaptor Proteins
D12.776.157.057.006.124.....Apoptotic Protease-Activating Factor 1
D12.776.157.057.006.140.....B-Cell CLL-Lymphoma 10 Protein
D12.776.157.057.006.155.....Caspase 9
D12.776.157.057.006.186.....CRADD Signaling Adaptor Protein
D12.776.157.057.006.249.....Nod1 Signaling Adaptor Protein
D12.776.157.057.006.500.....Nod2 Signaling Adaptor Protein
D12.776.157.057.006.750.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.776.157.057.010.....Caveolin 1
D12.776.157.057.012.....Caveolin 2
D12.776.157.057.014.....Cortactin
D12.776.157.057.016.....Crk-Associated Substrate Protein
D12.776.157.057.018.....Death Domain Receptor Signaling Adaptor Proteins
D12.776.157.057.018.024.....CASP8 and FADD-Like Apoptosis Regulating Protein
D12.776.157.057.018.037.....Caspase 8
D12.776.157.057.018.050.....CRADD Signaling Adaptor Protein
D12.776.157.057.018.100.....Edar-Associated Death Domain Protein
D12.776.157.057.018.200.....Fas-Associated Death Domain Protein
D12.776.157.057.018.400.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.776.157.057.018.600.....TNF Receptor-Associated Death Domain Protein
D12.776.157.057.023.....Discs Large Homolog 1 Protein
D12.776.157.057.028.....Dishevelled Proteins
D12.776.157.057.039.....GRB10 Adaptor Protein
D12.776.157.057.041.....GRB2 Adaptor Protein
D12.776.157.057.043.....GRB7 Adaptor Protein
D12.776.157.057.045.....Insulin Receptor Substrate Proteins
D12.776.157.057.050.....Interferon Regulatory Factors
D12.776.157.057.050.124.....Interferon Regulatory Factor-1
D12.776.157.057.050.249.....Interferon Regulatory Factor-2
D12.776.157.057.050.374.....Interferon Regulatory Factor-3
D12.776.157.057.050.437.....Interferon Regulatory Factor-7
D12.776.157.057.050.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.157.057.061.....Interferon-Stimulated Gene Factor 3
D12.776.157.057.061.500.....Interferon-Stimulated Gene Factor 3, alpha Subunit
D12.776.157.057.061.500.500.....STAT1 Transcription Factor
D12.776.157.057.061.500.750.....STAT2 Transcription Factor
D12.776.157.057.061.750.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.157.057.067.....Kelch-Like ECH-Associated Protein 1



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.057.072.....Mediator Complex
D12.776.157.057.072.249.....Cyclin C
D12.776.157.057.072.500.....Cyclin-Dependent Kinase 8
D12.776.157.057.072.750.....Mediator Complex Subunit 1
D12.776.157.057.073.....MTOR Associated Protein, LST8 Homolog
D12.776.157.057.074.....Myeloid Differentiation Factor 88
D12.776.157.057.078.....Nod Signaling Adaptor Proteins
D12.776.157.057.078.249.....Nod1 Signaling Adaptor Protein
D12.776.157.057.078.500.....Nod2 Signaling Adaptor Protein
D12.776.157.057.080.....Nuclear Receptor Coactivators
D12.776.157.057.080.049.....Mediator Complex Subunit 1
D12.776.157.057.080.100.....Nuclear Receptor Coactivator 1
D12.776.157.057.080.200.....Nuclear Receptor Coactivator 2
D12.776.157.057.080.300.....Nuclear Receptor Coactivator 3
D12.776.157.057.080.650.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.157.057.092.....Paxillin
D12.776.157.057.110.....PII Nitrogen Regulatory Proteins
D12.776.157.057.124.....Protein Inhibitors of Activated STAT
D12.776.157.057.139.....Proto-Oncogene Proteins c-crkl
D12.776.157.057.155.....Proto-Oncogene Proteins c-vav
D12.776.157.057.156.....Rapamycin-Insensitive Companion of mTOR Protein
D12.776.157.057.157.....Regulatory-Associated Protein of mTOR
D12.776.157.057.158.....Retinoblastoma Binding Proteins
D12.776.157.057.158.049.....E2F1 Transcription Factor
D12.776.157.057.158.100.....Retinoblastoma-Binding Protein 1
D12.776.157.057.158.200.....Retinoblastoma-Binding Protein 2
D12.776.157.057.158.600.....Retinoblastoma-Binding Protein 4
D12.776.157.057.158.700.....Retinoblastoma-Binding Protein 7
D12.776.157.057.160.....Sequestosome-1 Protein
D12.776.157.057.162.....Shc Signaling Adaptor Proteins
D12.776.157.057.162.500.....Src Homology 2 Domain-Containing, Transforming Protein 1
D12.776.157.057.162.750.....Src Homology 2 Domain-Containing, Transforming Protein 2
D12.776.157.057.162.875.....Src Homology 2 Domain-Containing, Transforming Protein 3
D12.776.157.057.166.....Signaling Lymphocytic Activation Molecule Associated Protein
D12.776.157.057.170.....Smad Proteins
D12.776.157.057.170.249.....Smad Proteins, Inhibitory
D12.776.157.057.170.249.600.....Smad6 Protein
D12.776.157.057.170.249.700.....Smad7 Protein
D12.776.157.057.170.500.....Smad Proteins, Receptor-Regulated
D12.776.157.057.170.500.100.....Smad1 Protein
D12.776.157.057.170.500.200.....Smad2 Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.057.170.500.300.....Smad3 Protein
D12.776.157.057.170.500.500.....Smad5 Protein
D12.776.157.057.170.500.800.....Smad8 Protein
D12.776.157.057.170.750.....Smad4 Protein
D12.776.157.057.186.....STAT Transcription Factors
D12.776.157.057.186.100.....STAT1 Transcription Factor
D12.776.157.057.186.200.....STAT2 Transcription Factor
D12.776.157.057.186.300.....STAT3 Transcription Factor
D12.776.157.057.186.400.....STAT4 Transcription Factor
D12.776.157.057.186.500.....STAT5 Transcription Factor
D12.776.157.057.186.600.....STAT6 Transcription Factor
D12.776.157.057.249.....Suppressor of Cytokine Signaling Proteins
D12.776.157.057.249.500.....Suppressor of Cytokine Signaling 1 Protein
D12.776.157.057.249.750.....Suppressor of Cytokine Signaling 3 Protein
D12.776.157.057.374.....Syntenins
D12.776.157.057.500.....Tumor Necrosis Factor Receptor-Associated Peptides and Proteins
D12.776.157.057.500.050.....CRADD Signaling Adaptor Protein
D12.776.157.057.500.061.....Edar-Associated Death Domain Protein
D12.776.157.057.500.124.....Fas-Associated Death Domain Protein
D12.776.157.057.500.186.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.776.157.057.500.186.500.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.776.157.057.500.249.....TNF Receptor-Associated Death Domain Protein
D12.776.157.057.500.500.....TNF Receptor-Associated Factor 1
D12.776.157.057.500.750.....TNF Receptor-Associated Factor 2
D12.776.157.057.500.875.....TNF Receptor-Associated Factor 3
D12.776.157.057.500.906.....TNF Receptor-Associated Factor 4
D12.776.157.057.500.937.....TNF Receptor-Associated Factor 5
D12.776.157.057.500.968.....TNF Receptor-Associated Factor 6
D12.776.157.065.....Androgen-Binding Protein
D12.776.157.125.....Calcium-Binding Proteins
D12.776.157.125.050.....Annexins
D12.776.157.125.050.050.....Annexin A1
D12.776.157.125.050.060.....Annexin A2
D12.776.157.125.050.070.....Annexin A3
D12.776.157.125.050.080.....Annexin A4
D12.776.157.125.050.100.....Annexin A5
D12.776.157.125.050.110.....Annexin A6
D12.776.157.125.050.120.....Annexin A7
D12.776.157.125.090.....Calbindins
D12.776.157.125.090.124.....Calbindin 1
D12.776.157.125.090.249.....Calbindin 2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.125.090.500.....S100 Calcium Binding Protein G
D12.776.157.125.155.....Calsequestrin
D12.776.157.125.283.....Fetuians
D12.776.157.125.283.500.....alpha-2-HS-Glycoprotein
D12.776.157.125.283.750.....Fetuin-B
D12.776.157.125.412.....Intracellular Calcium-Sensing Proteins
D12.776.157.125.412.249.....Calmodulin
D12.776.157.125.412.311.....Calnexin
D12.776.157.125.412.374.....Calreticulin
D12.776.157.125.412.437.....Gelsolin
D12.776.157.125.412.500.....Neuronal Calcium-Sensor Proteins
D12.776.157.125.412.500.124.....Guanylate Cyclase-Activating Proteins
D12.776.157.125.412.500.249.....Hippocalcin
D12.776.157.125.412.500.374.....Kv Channel-Interacting Proteins
D12.776.157.125.412.500.500.....Neurocalcin
D12.776.157.125.412.500.750.....Recoverin
D12.776.157.125.475.....Myosin Light Chains
D12.776.157.125.700.....Osteocalcin
D12.776.157.125.715.....Osteonectin
D12.776.157.125.750.....S100 Proteins
D12.776.157.125.750.500.....Leukocyte L1 Antigen Complex
D12.776.157.125.750.500.100.....Calgranulin A
D12.776.157.125.750.500.200.....Calgranulin B
D12.776.157.125.750.532.....S100 Calcium Binding Protein A6
D12.776.157.125.750.563.....S100 Calcium Binding Protein A7
D12.776.157.125.750.625.....S100 Calcium Binding Protein beta Subunit
D12.776.157.125.750.750.....S100 Calcium Binding Protein G
D12.776.157.125.750.813.....S100 Calcium-Binding Protein A4
D12.776.157.125.750.875.....S100A12 Protein
D12.776.157.125.787.....Secretagogins
D12.776.157.125.797.....Serrate-Jagged Proteins
D12.776.157.125.797.500.....Jagged-1 Protein
D12.776.157.125.797.750.....Jagged-2 Protein
D12.776.157.125.806.....Stromal Interaction Molecules
D12.776.157.125.806.500.....Stromal Interaction Molecule 1
D12.776.157.125.806.750.....Stromal Interaction Molecule 2
D12.776.157.125.825.....Synaptotagmins
D12.776.157.125.825.249.....Synaptotagmin I
D12.776.157.125.825.500.....Synaptotagmin II
D12.776.157.125.900.....Troponin C
D12.776.157.142.....Calmodulin-Binding Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.142.375.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.157.142.500.....Neurogranin
D12.776.157.142.750.....RNA-Binding Protein EWS
D12.776.157.160.....Ceruloplasmin
D12.776.157.165.....Cholesterol Ester Transfer Proteins
D12.776.157.169.....F-Box Proteins
D12.776.157.169.500.....beta-Transducin Repeat-Containing Proteins
D12.776.157.169.750.....F-Box-WD Repeat-Containing Protein 7
D12.776.157.170.....Fatty Acid-Binding Proteins
D12.776.157.170.125.....Fatty Acid Binding Protein 3
D12.776.157.170.250.....Fatty Acid-Binding Protein 7
D12.776.157.170.500.....Myelin P2 Protein
D12.776.157.247.....Follistatin
D12.776.157.286.....Follistatin-Related Proteins
D12.776.157.325.....GTP-Binding Proteins
D12.776.157.325.150.....GTP Phosphohydrolase-Linked Elongation Factors
D12.776.157.325.150.101.....Peptide Elongation Factor 1
D12.776.157.325.150.102.....Peptide Elongation Factor 2
D12.776.157.325.150.200.....Peptide Elongation Factor G
D12.776.157.325.150.700.....Peptide Elongation Factor Tu
D12.776.157.325.332.....Heterotrimeric GTP-Binding Proteins
D12.776.157.325.332.100.....GTP-Binding Protein alpha Subunits
D12.776.157.325.332.100.100.....GTP-Binding Protein alpha Subunits, G12-G13
D12.776.157.325.332.100.200.....GTP-Binding Protein alpha Subunits, Gi-Go
D12.776.157.325.332.100.200.500.....GTP-Binding Protein alpha Subunit, Gi2
D12.776.157.325.332.100.300.....GTP-Binding Protein alpha Subunits, Gq-G11
D12.776.157.325.332.100.400.....GTP-Binding Protein alpha Subunits, Gs
D12.776.157.325.332.520.....GTP-Binding Protein beta Subunits
D12.776.157.325.332.730.....GTP-Binding Protein gamma Subunits
D12.776.157.325.332.940.....Transducin
D12.776.157.325.515.....Monomeric GTP-Binding Proteins
D12.776.157.325.515.100.....ADP-Ribosylation Factors
D12.776.157.325.515.100.100.....ADP-Ribosylation Factor 1
D12.776.157.325.515.400.....rab GTP-Binding Proteins
D12.776.157.325.515.400.025.....rab1 GTP-Binding Proteins
D12.776.157.325.515.400.050.....rab2 GTP-Binding Protein
D12.776.157.325.515.400.075.....rab27 GTP-Binding Proteins
D12.776.157.325.515.400.100.....rab3 GTP-Binding Proteins
D12.776.157.325.515.400.100.100.....rab3A GTP-Binding Protein
D12.776.157.325.515.400.150.....rab4 GTP-Binding Proteins
D12.776.157.325.515.400.200.....rab5 GTP-Binding Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.325.515.450.....ral GTP-Binding Proteins
D12.776.157.325.515.462.....ran GTP-Binding Protein
D12.776.157.325.515.475.....rap GTP-Binding Proteins
D12.776.157.325.515.475.100.....rap1 GTP-Binding Proteins
D12.776.157.325.515.488.....Ras Homolog Enriched in Brain Protein
D12.776.157.325.515.500.....ras Proteins
D12.776.157.325.515.500.300.....Oncogene Protein p21(ras)
D12.776.157.325.515.500.600.....Proto-Oncogene Proteins p21(ras)
D12.776.157.325.515.700.....rho GTP-Binding Proteins
D12.776.157.325.515.700.050.....cdc42 GTP-Binding Protein
D12.776.157.325.515.700.050.500.....cdc42 GTP-Binding Protein, <i>Saccharomyces cerevisiae</i>
D12.776.157.325.515.700.100.....rac GTP-Binding Proteins
D12.776.157.325.515.700.100.100.....rac1 GTP-Binding Protein
D12.776.157.325.515.700.200.....rhoA GTP-Binding Protein
D12.776.157.325.515.700.300.....rhoB GTP-Binding Protein
D12.776.157.325.515.700.650.....rhoC GTP-Binding Protein
D12.776.157.325.636.....Myxovirus Resistance Proteins
D12.776.157.325.757.....Septins
D12.776.157.420.....Insulin-Like Growth Factor Binding Proteins
D12.776.157.420.250.....Insulin-Like Growth Factor Binding Protein 1
D12.776.157.420.260.....Insulin-Like Growth Factor Binding Protein 2
D12.776.157.420.270.....Insulin-Like Growth Factor Binding Protein 3
D12.776.157.420.280.....Insulin-Like Growth Factor Binding Protein 4
D12.776.157.420.290.....Insulin-Like Growth Factor Binding Protein 5
D12.776.157.420.300.....Insulin-Like Growth Factor Binding Protein 6
D12.776.157.427.....Iron-Binding Proteins
D12.776.157.427.249.....Ferritins
D12.776.157.427.249.290.....Apoferitins
D12.776.157.427.374.....Nonheme Iron Proteins
D12.776.157.427.374.187.....Hemerythrin
D12.776.157.427.374.375.....Iron-Sulfur Proteins
D12.776.157.427.374.375.025.....Adrenodoxin
D12.776.157.427.374.375.150.....Ferredoxin-Nitrite Reductase
D12.776.157.427.374.375.275.....Ferredoxins
D12.776.157.427.374.375.275.450.....Molybdoferredoxin
D12.776.157.427.374.375.275.725.....Rubredoxins
D12.776.157.427.374.375.863.....Electron Transport Complex I
D12.776.157.427.374.375.863.500.....NADH Dehydrogenase
D12.776.157.427.374.375.909.....Electron Transport Complex II
D12.776.157.427.374.375.909.500.....Succinate Dehydrogenase
D12.776.157.427.374.375.954.....Electron Transport Complex III

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.427.374.375.957.....Ferrochelatase
D12.776.157.427.374.375.960.....Iron Regulatory Protein 1
D12.776.157.427.374.375.961.....Iron Regulatory Protein 2
D12.776.157.427.374.375.977.....Nitrate Reductase (NAD(P)H)
D12.776.157.427.374.375.988.....Nitrate Reductase (NADPH)
D12.776.157.427.750.....Transferrins
D12.776.157.427.750.124.....Conalbumin
D12.776.157.427.750.249.....Lactoferrin
D12.776.157.427.750.500.....Transferrin
D12.776.157.464.....Lipid Droplet Associated Proteins
D12.776.157.464.500.....Perilipins
D12.776.157.464.500.500.....Perilipin-1
D12.776.157.464.500.750.....Perilipin-2
D12.776.157.464.500.875.....Perilipin-3
D12.776.157.464.500.906.....Perilipin-4
D12.776.157.464.500.937.....Perilipin-5
D12.776.157.469.....Lipocalins
D12.776.157.469.025.....Apolipoproteins M
D12.776.157.469.050.....Glycodelin
D12.776.157.469.100.....Lipocalin 1
D12.776.157.469.325.....Lipocalin-2
D12.776.157.469.550.....Retinol-Binding Proteins, Plasma
D12.776.157.478.....Lymphocyte Antigen 96
D12.776.157.530.....Membrane Transport Proteins
D12.776.157.530.100.....ATP-Binding Cassette Transporters
D12.776.157.530.100.190.....ATP Binding Cassette Transporter, Sub-Family A
D12.776.157.530.100.190.500.....ATP Binding Cassette Transporter 1
D12.776.157.530.100.190.750.....ATP Binding Cassette Transporter, Sub-Family A, Member 4
D12.776.157.530.100.209.....ATP Binding Cassette Transporter, Sub-Family D
D12.776.157.530.100.209.500.....ATP Binding Cassette Transporter, Sub-Family D, Member 1
D12.776.157.530.100.228.....ATP Binding Cassette Transporter, Sub-Family G
D12.776.157.530.100.228.250.....ATP Binding Cassette Transporter, Sub-Family G, Member 1
D12.776.157.530.100.228.500.....ATP Binding Cassette Transporter, Sub-Family G, Member 2
D12.776.157.530.100.228.750.....ATP Binding Cassette Transporter, Sub-Family G, Member 5
D12.776.157.530.100.228.875.....ATP Binding Cassette Transporter, Sub-Family G, Member 8
D12.776.157.530.100.304.....Multidrug Resistance-Associated Proteins
D12.776.157.530.100.304.500.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.157.530.100.652.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.157.530.100.652.250.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.157.530.100.652.375.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.157.530.100.652.438.....ATP Binding Cassette Subfamily B Member 11

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.100.652.500.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.157.530.200.....Amino Acid Transport Systems
D12.776.157.530.200.249.....Amino Acid Transport Systems, Acidic
D12.776.157.530.200.249.500.....Amino Acid Transport System X-AG
D12.776.157.530.200.249.500.500.....Glutamate Plasma Membrane Transport Proteins
D12.776.157.530.200.249.500.500.500.....Excitatory Amino Acid Transporter 1
D12.776.157.530.200.249.500.500.750.....Excitatory Amino Acid Transporter 2
D12.776.157.530.200.249.500.500.875.....Excitatory Amino Acid Transporter 3
D12.776.157.530.200.249.500.500.937.....Excitatory Amino Acid Transporter 4
D12.776.157.530.200.249.500.500.968.....Excitatory Amino Acid Transporter 5
D12.776.157.530.200.374.....Amino Acid Transport Systems, Basic
D12.776.157.530.200.374.600.....Amino Acid Transport System y+
D12.776.157.530.200.374.600.200.....Cationic Amino Acid Transporter 1
D12.776.157.530.200.374.600.300.....Cationic Amino Acid Transporter 2
D12.776.157.530.200.374.750.....Amino Acid Transport System y+L
D12.776.157.530.200.374.750.500.....Fusion Regulatory Protein-1
D12.776.157.530.200.374.750.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.157.530.200.374.750.500.625.....Fusion Regulatory Protein 1, Light Chains
D12.776.157.530.200.500.....Amino Acid Transport Systems, Neutral
D12.776.157.530.200.500.100.....Amino Acid Transport System A
D12.776.157.530.200.500.200.....Amino Acid Transport System ASC
D12.776.157.530.200.500.500.....Amino Acid Transport System L
D12.776.157.530.200.500.500.500.....Fusion Regulatory Protein-1
D12.776.157.530.200.500.500.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.157.530.200.500.500.500.300.....Fusion Regulatory Protein 1, Light Chains
D12.776.157.530.200.500.500.500.300.500.....Large Neutral Amino Acid-Transporter 1
D12.776.157.530.300.....Fatty Acid Transport Proteins
D12.776.157.530.300.500.....CD36 Antigens
D12.776.157.530.400.....Ion Channels
D12.776.157.530.400.150.....Calcium Channels
D12.776.157.530.400.150.400.....Calcium Channels, L-Type
D12.776.157.530.400.150.585.....Calcium Channels, N-Type
D12.776.157.530.400.150.585.792.....Calcium Channels, P-Type
D12.776.157.530.400.150.585.826.....Calcium Channels, Q-Type
D12.776.157.530.400.150.585.867.....Calcium Channels, R-Type
D12.776.157.530.400.150.720.....Calcium Channels, T-Type
D12.776.157.530.400.150.740.....Calcium Release Activated Calcium Channels
D12.776.157.530.400.150.740.500.....ORAI1 Protein
D12.776.157.530.400.150.740.750.....ORAI2 Protein
D12.776.157.530.400.150.760.....Inositol 1,4,5-Trisphosphate Receptors
D12.776.157.530.400.150.800.....Ryanodine Receptor Calcium Release Channel

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.400.150.850.....TRPC6 Cation Channel
D12.776.157.530.400.150.900.....TRPP Cation Channels
D12.776.157.530.400.163.....Channelrhodopsins
D12.776.157.530.400.175.....Chloride Channels
D12.776.157.530.400.175.032.....Anoctamins
D12.776.157.530.400.175.032.500.....Anoctamin-1
D12.776.157.530.400.175.063.....Bestrophins
D12.776.157.530.400.175.125.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.157.530.400.175.562.....Receptors, GABA-A
D12.776.157.530.400.175.781.....Receptors, Glycine
D12.776.157.530.400.337.....Cyclic Nucleotide-Gated Cation Channels
D12.776.157.530.400.368.....Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels
D12.776.157.530.400.400.....Ligand-Gated Ion Channels
D12.776.157.530.400.400.100.....Cysteine Loop Ligand-Gated Ion Channel Receptors
D12.776.157.530.400.400.100.100.....Receptors, GABA-A
D12.776.157.530.400.400.100.200.....Receptors, Glycine
D12.776.157.530.400.400.100.500.....Receptors, Nicotinic
D12.776.157.530.400.400.100.500.500.....alpha7 Nicotinic Acetylcholine Receptor
D12.776.157.530.400.400.100.700.....Receptors, Serotonin, 5-HT3
D12.776.157.530.400.400.500.....Receptors, Ionotropic Glutamate
D12.776.157.530.400.400.500.100.....Receptors, AMPA
D12.776.157.530.400.400.500.200.....Receptors, Kainic Acid
D12.776.157.530.400.400.500.500.....Receptors, N-Methyl-D-Aspartate
D12.776.157.530.400.400.750.....Receptors, Purinergic P2X
D12.776.157.530.400.400.750.100.....Receptors, Purinergic P2X1
D12.776.157.530.400.400.750.200.....Receptors, Purinergic P2X2
D12.776.157.530.400.400.750.300.....Receptors, Purinergic P2X3
D12.776.157.530.400.400.750.400.....Receptors, Purinergic P2X4
D12.776.157.530.400.400.750.500.....Receptors, Purinergic P2X5
D12.776.157.530.400.400.750.700.....Receptors, Purinergic P2X7
D12.776.157.530.400.500.....Porins
D12.776.157.530.400.500.040.....Aquaporins
D12.776.157.530.400.500.040.249.....Aquaglyceroporins
D12.776.157.530.400.500.040.249.500.....Aquaporin 3
D12.776.157.530.400.500.040.249.750.....Aquaporin 6
D12.776.157.530.400.500.040.374.....Aquaporin 1
D12.776.157.530.400.500.040.437.....Aquaporin 2
D12.776.157.530.400.500.040.468.....Aquaporin 4
D12.776.157.530.400.500.040.484.....Aquaporin 5
D12.776.157.530.400.500.520.....Voltage-Dependent Anion Channels
D12.776.157.530.400.500.520.500.....Voltage-Dependent Anion Channel 1



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.400.500.520.750.....Voltage-Dependent Anion Channel 2
D12.776.157.530.400.600.....Potassium Channels
D12.776.157.530.400.600.150.....Potassium Channels, Calcium-Activated
D12.776.157.530.400.600.150.249.....Intermediate-Conductance Calcium-Activated Potassium Channels
D12.776.157.530.400.600.150.500.....Large-Conductance Calcium-Activated Potassium Channels
D12.776.157.530.400.600.150.500.500.....Large-Conductance Calcium-Activated Potassium Channel alpha Subunits
D12.776.157.530.400.600.150.500.750.....Large-Conductance Calcium-Activated Potassium Channel beta Subunits
D12.776.157.530.400.600.150.750.....Small-Conductance Calcium-Activated Potassium Channels
D12.776.157.530.400.600.450.....Potassium Channels, Inwardly Rectifying
D12.776.157.530.400.600.450.500.....G Protein-Coupled Inwardly-Rectifying Potassium Channels
D12.776.157.530.400.600.450.550.....KATP Channels
D12.776.157.530.400.600.450.550.500.....Sulfonylurea Receptors
D12.776.157.530.400.600.850.....Potassium Channels, Tandem Pore Domain
D12.776.157.530.400.600.900.....Potassium Channels, Voltage-Gated
D12.776.157.530.400.600.900.124.....Delayed Rectifier Potassium Channels
D12.776.157.530.400.600.900.124.249.....KCNQ Potassium Channels
D12.776.157.530.400.600.900.124.249.500.....KCNQ1 Potassium Channel
D12.776.157.530.400.600.900.124.249.750.....KCNQ2 Potassium Channel
D12.776.157.530.400.600.900.124.249.875.....KCNQ3 Potassium Channel
D12.776.157.530.400.600.900.124.374.....Kv1.5 Potassium Channel
D12.776.157.530.400.600.900.124.500.....Shab Potassium Channels
D12.776.157.530.400.600.900.249.....Ether-A-Go-Go Potassium Channels
D12.776.157.530.400.600.900.249.500.....ERG1 Potassium Channel
D12.776.157.530.400.600.900.500.....Shaker Superfamily of Potassium Channels
D12.776.157.530.400.600.900.500.124.....Kv1.1 Potassium Channel
D12.776.157.530.400.600.900.500.186.....Kv1.2 Potassium Channel
D12.776.157.530.400.600.900.500.217.....Kv1.3 Potassium Channel
D12.776.157.530.400.600.900.500.233.....Kv1.4 Potassium Channel
D12.776.157.530.400.600.900.500.241.....Kv1.5 Potassium Channel
D12.776.157.530.400.600.900.500.245.....Kv1.6 Potassium Channel
D12.776.157.530.400.600.900.500.249.....Shab Potassium Channels
D12.776.157.530.400.600.900.500.625.....Shal Potassium Channels
D12.776.157.530.400.600.900.500.750.....Shaw Potassium Channels
D12.776.157.530.400.875.....Sodium Channels
D12.776.157.530.400.875.050.....Acid Sensing Ion Channels
D12.776.157.530.400.875.100.....Degenerin Sodium Channels
D12.776.157.530.400.875.200.....Epithelial Sodium Channels
D12.776.157.530.400.875.750.....Voltage-Gated Sodium Channels
D12.776.157.530.400.875.750.100.....NAV1.1 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.200.....NAV1.2 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.300.....NAV1.3 Voltage-Gated Sodium Channel

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.400.875.750.400.....NAV1.4 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.500.....NAV1.5 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.600.....NAV1.6 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.700.....NAV1.7 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.800.....NAV1.8 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.900.....NAV1.9 Voltage-Gated Sodium Channel
D12.776.157.530.400.875.750.960.....Voltage-Gated Sodium Channel beta Subunits
D12.776.157.530.400.875.750.960.100.....Voltage-Gated Sodium Channel beta-1 Subunit
D12.776.157.530.400.875.750.960.200.....Voltage-Gated Sodium Channel beta-2 Subunit
D12.776.157.530.400.875.750.960.300.....Voltage-Gated Sodium Channel beta-3 Subunit
D12.776.157.530.400.875.750.960.650.....Voltage-Gated Sodium Channel beta-4 Subunit
D12.776.157.530.400.901.....Transient Receptor Potential Channels
D12.776.157.530.400.901.250.....TRPA1 Cation Channel
D12.776.157.530.400.901.500.....TRPC Cation Channels
D12.776.157.530.400.901.500.500.....TRPC6 Cation Channel
D12.776.157.530.400.901.555.....TRPM Cation Channels
D12.776.157.530.400.901.777.....TRPP Cation Channels
D12.776.157.530.400.901.888.....TRPV Cation Channels
D12.776.157.530.450.....Ion Pumps
D12.776.157.530.450.074.....Anion Transport Proteins
D12.776.157.530.450.074.249.....Halorhodopsins
D12.776.157.530.450.074.500.....Organic Anion Transporters
D12.776.157.530.450.074.500.199.....Dicarboxylic Acid Transporters
D12.776.157.530.450.074.500.299.....Folic Acid Transporters
D12.776.157.530.450.074.500.299.500.....Folate Receptors, GPI-Anchored
D12.776.157.530.450.074.500.299.500.500.....Folate Receptor 1
D12.776.157.530.450.074.500.299.500.750.....Folate Receptor 2
D12.776.157.530.450.074.500.299.625.....Proton-Coupled Folate Transporter
D12.776.157.530.450.074.500.299.750.....Reduced Folate Carrier Protein
D12.776.157.530.450.074.500.400.....Monocarboxylic Acid Transporters
D12.776.157.530.450.074.500.500.....Organic Anion Transporters, ATP-Dependent
D12.776.157.530.450.074.500.500.500.....Multidrug Resistance-Associated Proteins
D12.776.157.530.450.074.500.500.500.500.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.157.530.450.074.500.500.875.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.157.530.450.074.500.500.875.250.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.157.530.450.074.500.500.875.375.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.157.530.450.074.500.500.875.438.....ATP Binding Cassette Subfamily B Member 11
D12.776.157.530.450.074.500.500.875.500.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.157.530.450.074.500.687.....Organic Anion Transporters, Sodium-Dependent
D12.776.157.530.450.074.500.687.500.....Sodium-Coupled Vitamin C Transporters
D12.776.157.530.450.074.500.781.....Organic Anion Transporters, Sodium-Independent

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.450.074.500.781.500.....Solute Carrier Organic Anion Transporter Family Member 1b1
D12.776.157.530.450.074.500.781.750.....Organic Anion Transport Protein 1
D12.776.157.530.450.074.500.781.875.....Solute Carrier Organic Anion Transporter Family Member 1B3
D12.776.157.530.450.074.750.....Phosphate Transport Proteins
D12.776.157.530.450.074.750.500.....Proton-Phosphate Symporters
D12.776.157.530.450.074.750.750.....Sodium-Phosphate Cotransporter Proteins
D12.776.157.530.450.074.750.750.500.....Sodium-Phosphate Cotransporter Proteins, Type I
D12.776.157.530.450.074.750.750.750.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.157.530.450.074.750.750.750.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.157.530.450.074.750.750.750.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.157.530.450.074.750.750.750.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.157.530.450.074.750.750.875.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.157.530.450.162.....Antiporters
D12.776.157.530.450.162.193.....Chloride-Bicarbonate Antiporters
D12.776.157.530.450.162.193.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.157.530.450.162.276.....Potassium-Hydrogen Antiporters
D12.776.157.530.450.162.359.....Reduced Folate Carrier Protein
D12.776.157.530.450.162.442.....Sodium-Calcium Exchanger
D12.776.157.530.450.162.775.....Sodium-Hydrogen Exchangers
D12.776.157.530.450.162.775.500.....Sodium-Hydrogen Exchanger 1
D12.776.157.530.450.162.775.750.....Sodium-Hydrogen Exchanger 3
D12.776.157.530.450.162.780.....Sodium-Potassium-Exchanging ATPase
D12.776.157.530.450.162.887.....Vesicular Neurotransmitter Transport Proteins
D12.776.157.530.450.162.887.500.....Vesicular Biogenic Amine Transport Proteins
D12.776.157.530.450.162.887.500.249.....Vesicular Acetylcholine Transport Proteins
D12.776.157.530.450.162.887.500.500.....Vesicular Monoamine Transport Proteins
D12.776.157.530.450.162.887.625.....Vesicular Glutamate Transport Proteins
D12.776.157.530.450.162.887.625.500.....Vesicular Glutamate Transport Protein 1
D12.776.157.530.450.162.887.625.750.....Vesicular Glutamate Transport Protein 2
D12.776.157.530.450.162.887.750.....Vesicular Inhibitory Amino Acid Transport Proteins
D12.776.157.530.450.250.....Cation Transport Proteins
D12.776.157.530.450.250.249.....Arsenite Transporting ATPases
D12.776.157.530.450.250.500.....Calcium-Transporting ATPases
D12.776.157.530.450.250.500.249.....Plasma Membrane Calcium-Transporting ATPases
D12.776.157.530.450.250.500.500.....Sarcoplasmic Reticulum Calcium-Transporting ATPases
D12.776.157.530.450.250.656.....Copper-transporting ATPases
D12.776.157.530.450.250.812.....Organic Cation Transport Proteins
D12.776.157.530.450.250.812.500.....Organic Cation Transporter 1
D12.776.157.530.450.250.812.625.....Organic Cation Transporter 2
D12.776.157.530.450.250.812.750.....Solute Carrier Family 22 Member 5
D12.776.157.530.450.250.875.....Proton Pumps

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.450.250.875.249.....Bacteriorhodopsins
D12.776.157.530.450.250.875.300.....Electron Transport Complex I
D12.776.157.530.450.250.875.303.....Electron Transport Complex III
D12.776.157.530.450.250.875.304.....Electron Transport Complex IV
D12.776.157.530.450.250.875.487.....Inorganic Pyrophosphatase
D12.776.157.530.450.250.875.492.....Photosystem I Protein Complex
D12.776.157.530.450.250.875.500.....Proton-Translocating ATPases
D12.776.157.530.450.250.875.500.249.....Bacterial Proton-Translocating ATPases
D12.776.157.530.450.250.875.500.500.....Chloroplast Proton-Translocating ATPases
D12.776.157.530.450.250.875.500.625.....H(+)-K(+)-Exchanging ATPase
D12.776.157.530.450.250.875.500.750.....Mitochondrial Proton-Translocating ATPases
D12.776.157.530.450.250.875.500.875.....Vacuolar Proton-Translocating ATPases
D12.776.157.530.450.250.880.....Sodium-Potassium-Exchanging ATPase
D12.776.157.530.450.250.940.....Zinc Transporter 8
D12.776.157.530.450.437.....SLC4A Proteins
D12.776.157.530.450.437.249.....Chloride-Bicarbonate Antiporters
D12.776.157.530.450.437.249.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.157.530.450.437.500.....Sodium-Bicarbonate Symporters
D12.776.157.530.450.625.....Symporters
D12.776.157.530.450.625.124.....Dopamine Plasma Membrane Transport Proteins
D12.776.157.530.450.625.139.....GABA Plasma Membrane Transport Proteins
D12.776.157.530.450.625.147.....Glutamate Plasma Membrane Transport Proteins
D12.776.157.530.450.625.147.500.....Excitatory Amino Acid Transporter 1
D12.776.157.530.450.625.147.750.....Excitatory Amino Acid Transporter 2
D12.776.157.530.450.625.147.875.....Excitatory Amino Acid Transporter 3
D12.776.157.530.450.625.147.937.....Excitatory Amino Acid Transporter 4
D12.776.157.530.450.625.147.968.....Excitatory Amino Acid Transporter 5
D12.776.157.530.450.625.155.....Glycine Plasma Membrane Transport Proteins
D12.776.157.530.450.625.186.....Norepinephrine Plasma Membrane Transport Proteins
D12.776.157.530.450.625.202.....Peptide Transporter 1
D12.776.157.530.450.625.217.....Proton-Coupled Folate Transporter
D12.776.157.530.450.625.249.....Proton-Phosphate Symporters
D12.776.157.530.450.625.311.....Serotonin Plasma Membrane Transport Proteins
D12.776.157.530.450.625.374.....Sodium Chloride Symporters
D12.776.157.530.450.625.374.500.....Solute Carrier Family 12, Member 3
D12.776.157.530.450.625.405.....Sodium-Coupled Vitamin C Transporters
D12.776.157.530.450.625.437.....Sodium-Glucose Transport Proteins
D12.776.157.530.450.625.437.500.....Sodium-Glucose Transporter 1
D12.776.157.530.450.625.437.750.....Sodium-Glucose Transporter 2
D12.776.157.530.450.625.500.....Sodium-Bicarbonate Symporters
D12.776.157.530.450.625.625.....Sodium-Phosphate Cotransporter Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.450.625.625.500.....Sodium-Phosphate Cotransporter Proteins, Type I
D12.776.157.530.450.625.625.750.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.157.530.450.625.625.750.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.157.530.450.625.625.750.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.157.530.450.625.625.750.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.157.530.450.625.625.875.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.157.530.450.625.750.....Sodium-Potassium-Chloride Symporters
D12.776.157.530.450.625.750.500.....Solute Carrier Family 12, Member 1
D12.776.157.530.450.625.750.625.....Solute Carrier Family 12, Member 2
D12.776.157.530.450.625.750.875.....Solute Carrier Family 12, Member 4
D12.776.157.530.500.....Monosaccharide Transport Proteins
D12.776.157.530.500.500.....Glucose Transport Proteins, Facilitative
D12.776.157.530.500.500.500.....Glucose Transporter Type 1
D12.776.157.530.500.500.750.....Glucose Transporter Type 2
D12.776.157.530.500.500.875.....Glucose Transporter Type 3
D12.776.157.530.500.500.937.....Glucose Transporter Type 4
D12.776.157.530.500.500.968.....Glucose Transporter Type 5
D12.776.157.530.500.750.....Sodium-Glucose Transport Proteins
D12.776.157.530.500.750.500.....Sodium-Glucose Transporter 1
D12.776.157.530.500.750.750.....Sodium-Glucose Transporter 2
D12.776.157.530.562.....Neurotransmitter Transport Proteins
D12.776.157.530.562.374.....Plasma Membrane Neurotransmitter Transport Proteins
D12.776.157.530.562.374.500.....Catecholamine Plasma Membrane Transport Proteins
D12.776.157.530.562.374.500.500.....Dopamine Plasma Membrane Transport Proteins
D12.776.157.530.562.374.500.750.....Norepinephrine Plasma Membrane Transport Proteins
D12.776.157.530.562.374.750.....GABA Plasma Membrane Transport Proteins
D12.776.157.530.562.374.781.....Glutamate Plasma Membrane Transport Proteins
D12.776.157.530.562.374.781.500.....Excitatory Amino Acid Transporter 1
D12.776.157.530.562.374.781.750.....Excitatory Amino Acid Transporter 2
D12.776.157.530.562.374.781.781.....Excitatory Amino Acid Transporter 3
D12.776.157.530.562.374.781.812.....Excitatory Amino Acid Transporter 4
D12.776.157.530.562.374.781.875.....Excitatory Amino Acid Transporter 5
D12.776.157.530.562.374.812.....Glycine Plasma Membrane Transport Proteins
D12.776.157.530.562.374.875.....Serotonin Plasma Membrane Transport Proteins
D12.776.157.530.562.750.....Vesicular Neurotransmitter Transport Proteins
D12.776.157.530.562.750.500.....Vesicular Biogenic Amine Transport Proteins
D12.776.157.530.562.750.500.249.....Vesicular Acetylcholine Transport Proteins
D12.776.157.530.562.750.500.500.....Vesicular Monoamine Transport Proteins
D12.776.157.530.562.750.625.....Vesicular Glutamate Transport Proteins
D12.776.157.530.562.750.625.500.....Vesicular Glutamate Transport Protein 1
D12.776.157.530.562.750.625.750.....Vesicular Glutamate Transport Protein 2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.562.750.750.....Vesicular Inhibitory Amino Acid Transport Proteins
D12.776.157.530.625.....Nucleobase, Nucleoside, Nucleotide, and Nucleic Acid Transport Proteins
D12.776.157.530.625.500.....Nucleobase Transport Proteins
D12.776.157.530.625.750.....Nucleoside Transport Proteins
D12.776.157.530.625.750.500.....Equilibrative Nucleoside Transport Proteins
D12.776.157.530.625.750.500.500.....Equilibrative Nucleoside Transporter 1
D12.776.157.530.625.750.500.750.....Equilibrative-Nucleoside Transporter 2
D12.776.157.530.625.875.....Nucleotide Transport Proteins
D12.776.157.530.625.875.500.....Mitochondrial ADP, ATP Translocases
D12.776.157.530.625.875.500.100.....Adenine Nucleotide Translocator 1
D12.776.157.530.625.875.500.200.....Adenine Nucleotide Translocator 2
D12.776.157.530.625.875.500.300.....Adenine Nucleotide Translocator 3
D12.776.157.530.750.....Nucleocytoplasmic Transport Proteins
D12.776.157.530.750.100.....Aryl Hydrocarbon Receptor Nuclear Translocator
D12.776.157.530.750.200.....Cellular Apoptosis Susceptibility Protein
D12.776.157.530.750.500.....Karyopherins
D12.776.157.530.750.500.100.....alpha Karyopherins
D12.776.157.530.750.500.249.....beta Karyopherins
D12.776.157.530.750.625.....Nuclear Pore Complex Proteins
D12.776.157.530.750.687.....Period Circadian Proteins
D12.776.157.530.750.750.....ran GTP-Binding Protein
D12.776.157.530.813.....P-type ATPases
D12.776.157.530.813.250.....Calcium-Transporting ATPases
D12.776.157.530.813.250.249.....Plasma Membrane Calcium-Transporting ATPases
D12.776.157.530.813.250.500.....Sarcoplasmic Reticulum Calcium-Transporting ATPases
D12.776.157.530.813.500.....Copper-transporting ATPases
D12.776.157.530.813.625.....H(+)-K(+)-Exchanging ATPase
D12.776.157.530.813.750.....Sodium-Potassium-Exchanging ATPase
D12.776.157.530.875.....SEC Translocation Channels
D12.776.157.530.937.....Solute Carrier Proteins
D12.776.157.530.937.250.....Amino Acid Transport System X-AG
D12.776.157.530.937.250.500.....Glutamate Plasma Membrane Transport Proteins
D12.776.157.530.937.250.500.500.....Excitatory Amino Acid Transporter 1
D12.776.157.530.937.250.500.750.....Excitatory Amino Acid Transporter 2
D12.776.157.530.937.250.500.875.....Excitatory Amino Acid Transporter 3
D12.776.157.530.937.250.500.937.....Excitatory Amino Acid Transporter 4
D12.776.157.530.937.250.500.968.....Excitatory Amino Acid Transporter 5
D12.776.157.530.937.313.....Amino Acid Transport System y+L
D12.776.157.530.937.313.500.....Fusion Regulatory Protein-1
D12.776.157.530.937.313.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.157.530.937.313.500.625.....Fusion Regulatory Protein 1, Light Chains

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.937.313.500.625.500.....Large Neutral Amino Acid-Transporter 1
D12.776.157.530.937.375.....Amino Acid Transport System y+
D12.776.157.530.937.375.200.....Cationic Amino Acid Transporter 1
D12.776.157.530.937.375.300.....Cationic Amino Acid Transporter 2
D12.776.157.530.937.500.....Dopamine Plasma Membrane Transport Proteins
D12.776.157.530.937.532.....Equilibrative Nucleoside Transport Proteins
D12.776.157.530.937.532.500.....Equilibrative Nucleoside Transporter 1
D12.776.157.530.937.532.750.....Equilibrative-Nucleoside Transporter 2
D12.776.157.530.937.563.....Glucose Transport Proteins, Facilitative
D12.776.157.530.937.563.500.....Glucose Transporter Type 1
D12.776.157.530.937.563.750.....Glucose Transporter Type 2
D12.776.157.530.937.563.875.....Glucose Transporter Type 3
D12.776.157.530.937.563.937.....Glucose Transporter Type 4
D12.776.157.530.937.563.968.....Glucose Transporter Type 5
D12.776.157.530.937.594.....Mitochondrial ADP, ATP Translocases
D12.776.157.530.937.594.100.....Adenine Nucleotide Translocator 1
D12.776.157.530.937.594.200.....Adenine Nucleotide Translocator 2
D12.776.157.530.937.594.300.....Adenine Nucleotide Translocator 3
D12.776.157.530.937.598.....Mitochondrial Uncoupling Proteins
D12.776.157.530.937.598.500.....Uncoupling Protein 1
D12.776.157.530.937.598.750.....Uncoupling Protein 2
D12.776.157.530.937.598.875.....Uncoupling Protein 3
D12.776.157.530.937.600.....Norepinephrine Plasma Membrane Transport Proteins
D12.776.157.530.937.610.....Organic Anion Transport Protein 1
D12.776.157.530.937.612.....Organic Cation Transport Proteins
D12.776.157.530.937.612.500.....Organic Cation Transporter 1
D12.776.157.530.937.612.625.....Organic Cation Transporter 2
D12.776.157.530.937.612.750.....Solute Carrier Family 22 Member 5
D12.776.157.530.937.613.....Peptide Transporter 1
D12.776.157.530.937.618.....Proton-Coupled Folate Transporter
D12.776.157.530.937.622.....Reduced Folate Carrier Protein
D12.776.157.530.937.624.....Serotonin Plasma Membrane Transport Proteins
D12.776.157.530.937.625.....SLC4A Proteins
D12.776.157.530.937.625.249.....Chloride-Bicarbonate Antiporters
D12.776.157.530.937.625.249.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.157.530.937.625.500.....Sodium-Bicarbonate Symporters
D12.776.157.530.937.688.....Sodium-Coupled Vitamin C Transporters
D12.776.157.530.937.696.....Sodium-Glucose Transporter 1
D12.776.157.530.937.700.....Sodium-Glucose Transporter 2
D12.776.157.530.937.703.....Sodium-Hydrogen Exchangers
D12.776.157.530.937.703.500.....Sodium-Hydrogen Exchanger 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.530.937.703.750.....Sodium-Hydrogen Exchanger 3
D12.776.157.530.937.704.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.157.530.937.704.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.157.530.937.704.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.157.530.937.704.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.157.530.937.719.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.157.530.937.750.....Sodium-Potassium-Chloride Symporters
D12.776.157.530.937.750.500.....Solute Carrier Family 12, Member 1
D12.776.157.530.937.750.625.....Solute Carrier Family 12, Member 2
D12.776.157.530.937.750.750.....Solute Carrier Family 12, Member 3
D12.776.157.530.937.750.875.....Solute Carrier Family 12, Member 4
D12.776.157.530.937.810.....Solute Carrier Organic Anion Transporter Family Member 1b1
D12.776.157.530.937.905.....Solute Carrier Organic Anion Transporter Family Member 1B3
D12.776.157.530.937.952.....Zinc Transporter 8
D12.776.157.597.....Neurophysins
D12.776.157.622.....Periplasmic Binding Proteins
D12.776.157.635.....Peroxisins
D12.776.157.635.500.....Peroxisomal Biogenesis Factor 2
D12.776.157.635.625.....Peroxisomal Targeting Signal 2 Receptor
D12.776.157.635.750.....Peroxisome-Targeting Signal 1 Receptor
D12.776.157.648.....Phosphate-Binding Proteins
D12.776.157.648.500.....Phosphate Transport Proteins
D12.776.157.648.500.500.....Proton-Phosphate Symporters
D12.776.157.648.500.750.....Sodium-Phosphate Cotransporter Proteins
D12.776.157.648.500.750.500.....Sodium-Phosphate Cotransporter Proteins, Type I
D12.776.157.648.500.750.750.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.157.648.500.750.750.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.157.648.500.750.750.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.157.648.500.750.750.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.157.648.500.750.875.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.157.661.....Phosphatidylethanolamine Binding Protein
D12.776.157.674.....Phospholipid Transfer Proteins
D12.776.157.687.....Poly-ADP-Ribose Binding Proteins
D12.776.157.687.063.....Apoptosis Inducing Factor
D12.776.157.687.125.....Ataxia Telangiectasia Mutated Proteins
D12.776.157.687.157.....CCCTC-Binding Factor
D12.776.157.687.173.....Centromere Protein A
D12.776.157.687.188.....Centromere Protein B
D12.776.157.687.250.....Cyclin-Dependent Kinase Inhibitor p21
D12.776.157.687.313.....DNA (Cytosine-5-)-Methyltransferase 1
D12.776.157.687.375.....DNA Topoisomerases, Type I



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.687.438.....DNA-Activated Protein Kinase
D12.776.157.687.450.....Heat Shock Transcription Factors
D12.776.157.687.462.....Heterogeneous Nuclear Ribonucleoprotein A1
D12.776.157.687.485.....Histones
D12.776.157.687.493.....Ku Autoantigen
D12.776.157.687.495.....MRE11 Homologue Protein
D12.776.157.687.496.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.157.687.497.....NF-kappa B p52 Subunit
D12.776.157.687.499.....Nicotinamide-Nucleotide Adenylyltransferase
D12.776.157.687.575.....Nitric Oxide Synthase Type II
D12.776.157.687.613.....Telomerase
D12.776.157.687.650.....Tumor Suppressor Protein p53
D12.776.157.687.750.....Werner Syndrome Helicase
D12.776.157.687.813.....X-ray Repair Cross Complementing Protein 1
D12.776.157.687.875.....Xeroderma Pigmentosum Group A Protein
D12.776.157.700.....Retinol-Binding Proteins
D12.776.157.700.249.....Retinol-Binding Proteins, Cellular
D12.776.157.700.500.....Retinol-Binding Proteins, Plasma
D12.776.157.725.....RNA-Binding Proteins
D12.776.157.725.030.....Butyrate Response Factor 1
D12.776.157.725.061.....Fragile X Mental Retardation Protein
D12.776.157.725.076.....Gene Products, rev
D12.776.157.725.076.500.....rev Gene Products, Human Immunodeficiency Virus
D12.776.157.725.124.....mRNA Cleavage and Polyadenylation Factors
D12.776.157.725.124.240.....Cleavage And Polyadenylation Specificity Factor
D12.776.157.725.124.249.....Cleavage Stimulation Factor
D12.776.157.725.249.....Host Factor 1 Protein
D12.776.157.725.374.....Iron Regulatory Protein 1
D12.776.157.725.437.....Iron Regulatory Protein 2
D12.776.157.725.444.....Nuclear Factor 90 Proteins
D12.776.157.725.444.500.....Nuclear Factor 45 Protein
D12.776.157.725.452.....Poly(A)-Binding Proteins
D12.776.157.725.452.125.....Ataxin-2
D12.776.157.725.452.249.....Poly(A)-Binding Protein I
D12.776.157.725.452.500.....Poly(A)-Binding Protein II
D12.776.157.725.452.750.....T-Cell Intracellular Antigen-1
D12.776.157.725.500.....Ribonucleoproteins
D12.776.157.725.500.625.....Ribonuclease P
D12.776.157.725.500.750.....Ribonucleoproteins, Small Cytoplasmic
D12.776.157.725.500.750.800.....Signal Recognition Particle
D12.776.157.725.500.875.....Ribonucleoproteins, Small Nuclear

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.157.725.500.875.590.....Ribonucleoproteins, Small Nucleolar
D12.776.157.725.500.875.600.....Ribonucleoprotein, U1 Small Nuclear
D12.776.157.725.500.875.605.....Ribonucleoprotein, U2 Small Nuclear
D12.776.157.725.500.875.615.....Ribonucleoprotein, U4-U6 Small Nuclear
D12.776.157.725.500.875.620.....Ribonucleoprotein, U5 Small Nuclear
D12.776.157.725.500.875.625.....Ribonucleoprotein, U7 Small Nuclear
D12.776.157.725.500.875.700.....snRNP Core Proteins
D12.776.157.725.500.906.....RNA-Induced Silencing Complex
D12.776.157.725.500.906.500.....Argonaute Proteins
D12.776.157.725.500.921.....Telomerase
D12.776.157.725.500.937.....Vault Ribonucleoprotein Particles
D12.776.157.725.750.....RNA Cap-Binding Proteins
D12.776.157.725.750.374.....Eukaryotic Initiation Factor-4E
D12.776.157.725.750.750.....Nuclear Cap-Binding Protein Complex
D12.776.157.725.813.....RNA Recognition Motif Proteins
D12.776.157.725.813.250.....CELF Proteins
D12.776.157.725.813.250.500.....CELF1 Protein
D12.776.157.725.813.375.....Deleted in Azoospermia 1 Protein
D12.776.157.725.813.500.....ELAV Proteins
D12.776.157.725.813.500.250.....ELAV-Like Protein 1
D12.776.157.725.813.500.500.....ELAV-Like Protein 2
D12.776.157.725.813.500.750.....ELAV-Like Protein 3
D12.776.157.725.813.500.875.....ELAV-Like Protein 4
D12.776.157.725.813.750.....Heterogeneous-Nuclear Ribonucleoproteins
D12.776.157.725.813.750.100.....Heterogeneous-Nuclear Ribonucleoprotein Group A-B
D12.776.157.725.813.750.100.500.....Heterogeneous Nuclear Ribonucleoprotein A1
D12.776.157.725.813.750.200.....Heterogeneous-Nuclear Ribonucleoprotein Group C
D12.776.157.725.813.750.300.....Heterogeneous-Nuclear Ribonucleoprotein D
D12.776.157.725.813.750.400.....Heterogeneous-Nuclear Ribonucleoprotein Group F-H
D12.776.157.725.813.750.500.....Heterogeneous-Nuclear Ribonucleoprotein K
D12.776.157.725.813.750.600.....Heterogeneous-Nuclear Ribonucleoprotein L
D12.776.157.725.813.750.700.....Heterogeneous-Nuclear Ribonucleoprotein Group M
D12.776.157.725.813.750.800.....Heterogeneous-Nuclear Ribonucleoprotein U
D12.776.157.725.813.750.900.....RNA-Binding Protein EWS
D12.776.157.725.813.750.905.....RNA-Binding Protein FUS
D12.776.157.725.813.875.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.157.725.813.937.....T-Cell Intracellular Antigen-1
D12.776.157.725.829.....RNA Splicing Factors
D12.776.157.725.829.250.....Polypyrimidine Tract-Binding Protein
D12.776.157.725.829.282.....PTB-Associated Splicing Factor
D12.776.157.725.829.313.....Ribonucleoprotein, U1 Small Nuclear

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.157.725.829.344.....	Ribonucleoprotein, U2 Small Nuclear
D12.776.157.725.829.375.....	Ribonucleoprotein, U5 Small Nuclear
D12.776.157.725.829.500.....	Serine-Arginine Splicing Factors
D12.776.157.725.829.750.....	Splicing Factor U2AF
D12.776.157.725.829.875.....	T-Cell Intracellular Antigen-1
D12.776.157.725.875.....	SMN Complex Proteins
D12.776.157.725.875.249.....	DEAD Box Protein 20
D12.776.157.725.875.500.....	Survival of Motor Neuron 1 Protein
D12.776.157.725.875.750.....	Survival of Motor Neuron 2 Protein
D12.776.157.743.....	S-Phase Kinase-Associated Proteins
D12.776.157.762.....	Sex Hormone-Binding Globulin
D12.776.157.785.....	Thyroxine-Binding Proteins
D12.776.157.785.500.....	Thyroxine-Binding Globulin
D12.776.157.800.....	Transcobalamins
D12.776.157.818.....	Transcortin
D12.776.157.905.....	Transferrin-Binding Proteins
D12.776.157.905.500.....	Receptors, Transferrin
D12.776.157.905.500.249.....	Bacterial Transferrin Receptor Complex
D12.776.157.905.500.249.500.....	Transferrin-Binding Protein A
D12.776.157.905.500.249.750.....	Transferrin-Binding Protein B
D12.776.157.920.....	Vitamin D-Binding Protein
D12.776.167.....	Cell Cycle Proteins
D12.776.167.024.....	Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.500.....	Apc1 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.625.....	Apc10 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.687.....	Apc11 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.750.....	Apc2 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.875.....	Apc3 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.937.....	Apc4 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.968.....	Apc5 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.984.....	Apc6 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.992.....	Apc7 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.996.....	Apc8 Subunit, Anaphase-Promoting Complex-Cyclosome
D12.776.167.024.998.....	Cdc20 Proteins
D12.776.167.024.999.....	Cdh1 Proteins
D12.776.167.049.....	Aurora Kinases
D12.776.167.049.500.....	Aurora Kinase A
D12.776.167.049.750.....	Aurora Kinase B
D12.776.167.049.875.....	Aurora Kinase C
D12.776.167.100.....	cdc25 Phosphatases
D12.776.167.150.....	Cellular Apoptosis Susceptibility Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.167.175.....Cullin Proteins
D12.776.167.187.....Cyclin-Dependent Kinase Inhibitor Proteins
D12.776.167.187.100.....Cyclin-Dependent Kinase Inhibitor p15
D12.776.167.187.200.....Cyclin-Dependent Kinase Inhibitor p16
D12.776.167.187.300.....Cyclin-Dependent Kinase Inhibitor p18
D12.776.167.187.400.....Cyclin-Dependent Kinase Inhibitor p19
D12.776.167.187.500.....Cyclin-Dependent Kinase Inhibitor p21
D12.776.167.187.600.....Cyclin-Dependent Kinase Inhibitor p27
D12.776.167.187.700.....Cyclin-Dependent Kinase Inhibitor p57
D12.776.167.200.....Cyclin-Dependent Kinases
D12.776.167.200.067.....CDC2-CDC28 Kinases
D12.776.167.200.067.249.....CDC2 Protein Kinase
D12.776.167.200.067.500.....CDC28 Protein Kinase, S cerevisiae
D12.776.167.200.067.875.....Cyclin-Dependent Kinase 5
D12.776.167.200.067.900.....Cyclin-Dependent Kinase 9
D12.776.167.200.323.....Cyclin-Dependent Kinase 2
D12.776.167.200.387.....Cyclin-Dependent Kinase 3
D12.776.167.200.451.....Cyclin-Dependent Kinase 4
D12.776.167.200.515.....Cyclin-Dependent Kinase 6
D12.776.167.200.548.....Cyclin-Dependent Kinase 8
D12.776.167.200.580.....Maturation-Promoting Factor
D12.776.167.200.580.500.....CDC2 Protein Kinase
D12.776.167.218.....Cyclins
D12.776.167.218.100.....Cyclin A
D12.776.167.218.100.100.....Cyclin A1
D12.776.167.218.100.200.....Cyclin A2
D12.776.167.218.120.....Cyclin B
D12.776.167.218.120.100.....Cyclin B1
D12.776.167.218.120.200.....Cyclin B2
D12.776.167.218.135.....Cyclin C
D12.776.167.218.150.....Cyclin D
D12.776.167.218.150.100.....Cyclin D1
D12.776.167.218.150.200.....Cyclin D2
D12.776.167.218.150.300.....Cyclin D3
D12.776.167.218.180.....Cyclin E
D12.776.167.218.200.....Cyclin G
D12.776.167.218.200.100.....Cyclin G1
D12.776.167.218.200.200.....Cyclin G2
D12.776.167.218.300.....Cyclin H
D12.776.167.218.400.....Cyclin I
D12.776.167.218.700.....Cyclin T

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.167.242.....	F-Box-WD Repeat-Containing Protein 7
D12.776.167.265.....	Geminin
D12.776.167.313.....	Mad2 Proteins
D12.776.167.409.....	Minichromosome Maintenance Proteins
D12.776.167.409.100.....	Minichromosome Maintenance 1 Protein
D12.776.167.409.200.....	Minichromosome Maintenance Complex Component 2
D12.776.167.409.300.....	Minichromosome Maintenance Complex Component 3
D12.776.167.409.400.....	Minichromosome Maintenance Complex Component 4
D12.776.167.409.500.....	Minichromosome Maintenance Complex Component 5
D12.776.167.409.600.....	Minichromosome Maintenance Complex Component 6
D12.776.167.409.700.....	Minichromosome Maintenance Complex Component 7
D12.776.167.409.800.....	Minichromosome Maintenance Complex Component 8
D12.776.167.409.900.....	Minichromosome Maintenance Complex Component 9
D12.776.167.457.....	NIMA-Related Kinases
D12.776.167.457.500.....	NIMA-Related Kinase 1
D12.776.167.481.....	S100 Calcium Binding Protein A6
D12.776.167.504.....	Securin
D12.776.167.552.....	Separase
D12.776.167.600.....	Tumor Suppressor Protein p14ARF
D12.776.167.800.....	Valosin Containing Protein
D12.776.178.....	Cerebrospinal Fluid Proteins
D12.776.189.....	Circadian Rhythm Signaling Peptides and Proteins
D12.776.189.100.....	ARNTL Transcription Factors
D12.776.189.200.....	CLOCK Proteins
D12.776.189.250.....	Cryptochromes
D12.776.189.300.....	Nuclear Receptor Subfamily 1, Group D, Member 1
D12.776.189.437.....	Nuclear Receptor Subfamily 1, Group F, Member 1
D12.776.189.531.....	Nuclear Receptor Subfamily 1, Group F, Member 2
D12.776.189.625.....	Period Circadian Proteins
D12.776.200.....	Colipases
D12.776.210.....	Contractile Proteins
D12.776.210.249.....	Filamins
D12.776.210.500.....	Muscle Proteins
D12.776.210.500.095.....	Actinin
D12.776.210.500.100.....	Actins
D12.776.210.500.154.....	Actomyosin
D12.776.210.500.220.....	Calsequestrin
D12.776.210.500.227.....	CapZ Actin Capping Protein
D12.776.210.500.235.....	Caveolin 3
D12.776.210.500.242.....	Cofilin 2
D12.776.210.500.246.....	Connectin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.210.500.248.....Dysferlin
D12.776.210.500.250.....Dystrophin
D12.776.210.500.410.....Dystrophin-Associated Proteins
D12.776.210.500.410.250.....Dysbindin
D12.776.210.500.410.500.....Dystroglycans
D12.776.210.500.410.750.....Sarcoglycans
D12.776.210.500.570.....Myogenic Regulatory Factors
D12.776.210.500.570.294.....MEF2 Transcription Factors
D12.776.210.500.570.590.....MyoD Protein
D12.776.210.500.570.595.....Myogenic Regulatory Factor 5
D12.776.210.500.570.600.....Myogenin
D12.776.210.500.588.....Myoglobin
D12.776.210.500.600.....Myosins
D12.776.210.500.600.100.....Myosin Heavy Chains
D12.776.210.500.600.200.....Myosin Light Chains
D12.776.210.500.600.300.....Myosin Subfragments
D12.776.210.500.600.465.....Myosin Type I
D12.776.210.500.600.470.....Myosin Type II
D12.776.210.500.600.470.249.....Cardiac Myosins
D12.776.210.500.600.470.249.249.....Atrial Myosins
D12.776.210.500.600.470.249.500.....Ventricular Myosins
D12.776.210.500.600.470.374.....Nonmuscle Myosin Type IIA
D12.776.210.500.600.470.500.....Nonmuscle Myosin Type IIB
D12.776.210.500.600.470.750.....Skeletal Muscle Myosins
D12.776.210.500.600.470.875.....Smooth Muscle Myosins
D12.776.210.500.675.....NAV1.4 Voltage-Gated Sodium Channel
D12.776.210.500.750.....Parvalbumins
D12.776.210.500.775.....Profilins
D12.776.210.500.800.....Ryanodine Receptor Calcium Release Channel
D12.776.210.500.847.....Tropomodulin
D12.776.210.500.895.....Tropomyosin
D12.776.210.500.910.....Troponin
D12.776.210.500.910.900.....Troponin C
D12.776.210.500.910.925.....Troponin I
D12.776.210.500.910.962.....Troponin T
D12.776.212.....CRISPR-Associated Proteins
D12.776.215.....Cystatins
D12.776.215.100.....Cystatin A
D12.776.215.200.....Cystatin B
D12.776.215.300.....Cystatin C
D12.776.215.500.....Cystatin M

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.215.625.....Fetuians
D12.776.215.625.500.....alpha-2-HS-Glycoprotein
D12.776.215.625.750.....Fetuin-B
D12.776.215.750.....Salivary Cystatins
D12.776.217.....Cystine-Knot Miniproteins
D12.776.220.....Cytoskeletal Proteins
D12.776.220.040.....Adenomatous Polyposis Coli Protein
D12.776.220.145.....Catenins
D12.776.220.145.249.....alpha Catenin
D12.776.220.145.500.....beta Catenin
D12.776.220.145.750.....gamma Catenin
D12.776.220.150.....Cornified Envelope Proline-Rich Proteins
D12.776.220.250.....Dystrophin
D12.776.220.362.....Dystrophin-Associated Proteins
D12.776.220.362.125.....Dysbindin
D12.776.220.362.249.....Dystroglycans
D12.776.220.475.....Intermediate Filament Proteins
D12.776.220.475.200.....Desmin
D12.776.220.475.400.....Glial Fibrillary Acidic Protein
D12.776.220.475.450.....Keratins
D12.776.220.475.450.074.....beta-Keratins
D12.776.220.475.450.149.....Keratins, Hair-Specific
D12.776.220.475.450.300.....Keratins, Type I
D12.776.220.475.450.300.100.....Keratin-10
D12.776.220.475.450.300.200.....Keratin-12
D12.776.220.475.450.300.300.....Keratin-13
D12.776.220.475.450.300.400.....Keratin-14
D12.776.220.475.450.300.500.....Keratin-15
D12.776.220.475.450.300.600.....Keratin-16
D12.776.220.475.450.300.700.....Keratin-17
D12.776.220.475.450.300.800.....Keratin-18
D12.776.220.475.450.300.900.....Keratin-19
D12.776.220.475.450.300.950.....Keratin-20
D12.776.220.475.450.600.....Keratins, Type II
D12.776.220.475.450.600.100.....Keratin-1
D12.776.220.475.450.600.200.....Keratin-2
D12.776.220.475.450.600.300.....Keratin-3
D12.776.220.475.450.600.400.....Keratin-4
D12.776.220.475.450.600.500.....Keratin-5
D12.776.220.475.450.600.600.....Keratin-6
D12.776.220.475.450.600.700.....Keratin-7

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.220.475.450.600.800.....Keratin-8
D12.776.220.475.450.600.900.....Keratin-9
D12.776.220.475.540.....Nestin
D12.776.220.475.630.....Neurofilament Proteins
D12.776.220.475.900.....Vimentin
D12.776.220.525.....Microfilament Proteins
D12.776.220.525.032.....Actin Capping Proteins
D12.776.220.525.032.500.....CapZ Actin Capping Protein
D12.776.220.525.032.750.....Tropomodulin
D12.776.220.525.212.....Actin Depolymerizing Factors
D12.776.220.525.212.500.....Cofilin 1
D12.776.220.525.212.750.....Cofilin 2
D12.776.220.525.212.875.....Destrin
D12.776.220.525.246.....Actin-Related Protein 2-3 Complex
D12.776.220.525.246.500.....Actin-Related Protein 2
D12.776.220.525.246.750.....Actin-Related Protein 3
D12.776.220.525.250.....Actinin
D12.776.220.525.255.....Actins
D12.776.220.525.281.....Cortactin
D12.776.220.525.315.....Filamins
D12.776.220.525.350.....Gelsolin
D12.776.220.525.475.....Myosins
D12.776.220.525.475.100.....Myosin Heavy Chains
D12.776.220.525.475.200.....Myosin Light Chains
D12.776.220.525.475.300.....Myosin Subfragments
D12.776.220.525.475.470.....Myosin Type I
D12.776.220.525.475.475.....Myosin Type II
D12.776.220.525.475.475.124.....Cardiac Myosins
D12.776.220.525.475.475.124.249.....Atrial Myosins
D12.776.220.525.475.475.124.500.....Ventricular Myosins
D12.776.220.525.475.475.249.....Nonmuscle Myosin Type IIA
D12.776.220.525.475.475.500.....Nonmuscle Myosin Type IIB
D12.776.220.525.475.475.750.....Skeletal Muscle Myosins
D12.776.220.525.475.475.875.....Smooth Muscle Myosins
D12.776.220.525.475.612.....Myosin Type III
D12.776.220.525.475.681.....Myosin Type IV
D12.776.220.525.475.750.....Myosin Type V
D12.776.220.525.556.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.220.525.637.....Profilins
D12.776.220.525.719.....Tensins
D12.776.220.525.800.....Tropomyosin



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.220.525.825.....Troponin
D12.776.220.525.825.900.....Troponin C
D12.776.220.525.825.925.....Troponin I
D12.776.220.525.825.962.....Troponin T
D12.776.220.525.912.....Wiskott-Aldrich Syndrome Protein Family
D12.776.220.525.912.500.....Wiskott-Aldrich Syndrome Protein
D12.776.220.525.912.550.....Wiskott-Aldrich Syndrome Protein, Neuronal
D12.776.220.600.....Microtubule Proteins
D12.776.220.600.200.....Dyneins
D12.776.220.600.450.....Microtubule-Associated Proteins
D12.776.220.600.450.100.....Autophagy-Related Protein 8 Family
D12.776.220.600.450.150.....Dynactin Complex
D12.776.220.600.450.200.....Dynamins
D12.776.220.600.450.200.100.....Dynamin I
D12.776.220.600.450.200.200.....Dynamin II
D12.776.220.600.450.200.300.....Dynamin III
D12.776.220.600.450.325.....Katanin
D12.776.220.600.450.450.....Kinesin
D12.776.220.600.450.458.....KRIT1 Protein
D12.776.220.600.450.465.....Spastin
D12.776.220.600.450.480.....Stathmin
D12.776.220.600.450.510.....tau Proteins
D12.776.220.600.800.....Tubulin
D12.776.220.790.....Plakins
D12.776.220.790.500.....Desmoplakins
D12.776.220.790.625.....Dystonin
D12.776.220.790.750.....Plectin
D12.776.220.885.....Plakophilins
D12.776.220.909.....Pyrin
D12.776.220.932.....Septins
D12.776.220.980.....Spectrin
D12.776.220.985.....Talin
D12.776.220.987.....Utrophin
D12.776.220.990.....Vinculin
D12.776.220.995.....Zyxin
D12.776.231.....Dental Enamel Proteins
D12.776.231.500.....Amelogenin
D12.776.256.....Dietary Proteins
D12.776.256.317.....Egg Proteins, Dietary
D12.776.256.317.180.....Conalbumin
D12.776.256.317.663.....Ovalbumin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.256.317.663.300.....Avidin
D12.776.256.317.675.....Ovomucin
D12.776.256.317.700.....Phosvitin
D12.776.256.626.....Milk Proteins
D12.776.256.626.207.....Caseins
D12.776.256.626.816.....Whey Proteins
D12.776.256.626.816.250.....Lactalbumin
D12.776.256.626.816.500.....Lactoglobulins
D12.776.256.626.816.500.507.....Lactoferrin
D12.776.256.920.....Vegetable Proteins
D12.776.260.....DNA-Binding Proteins
D12.776.260.060.....Adenovirus E2 Proteins
D12.776.260.103.....Basic Helix-Loop-Helix Transcription Factors
D12.776.260.103.249.....ARNTL Transcription Factors
D12.776.260.103.500.....Basic Helix-Loop-Helix Leucine Zipper Transcription Factors
D12.776.260.103.500.500.....Microphthalmia-Associated Transcription Factor
D12.776.260.103.500.625.....N-Myc Proto-Oncogene Protein
D12.776.260.103.500.750.....Sterol Regulatory Element Binding Proteins
D12.776.260.103.500.750.500.....Sterol Regulatory Element Binding Protein 1
D12.776.260.103.500.750.750.....Sterol Regulatory Element Binding Protein 2
D12.776.260.103.500.875.....Transcription Factor 3
D12.776.260.103.562.....CLOCK Proteins
D12.776.260.103.625.....Hypoxia-Inducible Factor 1
D12.776.260.103.625.500.....Aryl Hydrocarbon Receptor Nuclear Translocator
D12.776.260.103.625.750.....Hypoxia-Inducible Factor 1, alpha Subunit
D12.776.260.103.750.....Myogenic Regulatory Factors
D12.776.260.103.750.294.....MEF2 Transcription Factors
D12.776.260.103.750.590.....MyoD Protein
D12.776.260.103.750.595.....Myogenic Regulatory Factor 5
D12.776.260.103.750.600.....Myogenin
D12.776.260.103.782.....Nuclear Receptor Coactivator 1
D12.776.260.103.798.....Oligodendrocyte Transcription Factor 2
D12.776.260.103.813.....Proto-Oncogene Proteins c-myc
D12.776.260.103.829.....T-Cell Acute Lymphocytic Leukemia Protein 1
D12.776.260.103.844.....Transcription Factor HES-1
D12.776.260.103.906.....Twist Transcription Factors
D12.776.260.103.906.250.....Twist-Related Protein 1
D12.776.260.103.906.500.....Twist-Related Protein 2
D12.776.260.103.937.....Upstream Stimulatory Factors
D12.776.260.108.....Basic-Leucine Zipper Transcription Factors
D12.776.260.108.061.....Activating Transcription Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.108.061.500.....Activating Transcription Factor 1
D12.776.260.108.061.750.....Activating Transcription Factor 2
D12.776.260.108.061.875.....Activating Transcription Factor 3
D12.776.260.108.061.937.....Activating Transcription Factor 4
D12.776.260.108.061.968.....Activating Transcription Factor 6
D12.776.260.108.092.....Basic Helix-Loop-Helix Leucine Zipper Transcription Factors
D12.776.260.108.092.500.....Microphthalmia-Associated Transcription Factor
D12.776.260.108.092.625.....N-Myc Proto-Oncogene Protein
D12.776.260.108.092.750.....Sterol Regulatory Element Binding Proteins
D12.776.260.108.092.750.500.....Sterol Regulatory Element Binding Protein 1
D12.776.260.108.092.750.750.....Sterol Regulatory Element Binding Protein 2
D12.776.260.108.092.875.....Transcription Factor 3
D12.776.260.108.092.937.....Transcription Factor 4
D12.776.260.108.124.....CCAAT-Enhancer-Binding Proteins
D12.776.260.108.124.249.....CCAAT-Binding Factor
D12.776.260.108.124.500.....CCAAT-Enhancer-Binding Protein-alpha
D12.776.260.108.124.750.....CCAAT-Enhancer-Binding Protein-beta
D12.776.260.108.124.812.....CCAAT-Enhancer-Binding Protein-delta
D12.776.260.108.124.875.....Transcription Factor CHOP
D12.776.260.108.124.937.....Y-Box-Binding Protein 1
D12.776.260.108.184.....Cyclic AMP Response Element-Binding Protein
D12.776.260.108.186.....Cyclic AMP Response Element-Binding Protein A
D12.776.260.108.217.....Cyclic AMP Response Element Modulator
D12.776.260.108.311.....Fos-Related Antigen-2
D12.776.260.108.374.....Interferon Regulatory Factor-1
D12.776.260.108.500.....Maf Transcription Factors
D12.776.260.108.500.061.....Maf Transcription Factors, Large
D12.776.260.108.500.061.500.....MafB Transcription Factor
D12.776.260.108.500.061.625.....Oncogene Protein v-maf
D12.776.260.108.500.061.750.....Proto-Oncogene Proteins c-maf
D12.776.260.108.500.500.....Maf Transcription Factors, Small
D12.776.260.108.500.500.249.....MafF Transcription Factor
D12.776.260.108.500.500.500.....MafG Transcription Factor
D12.776.260.108.500.500.750.....MafK Transcription Factor
D12.776.260.108.656.....NF-E2 Transcription Factor
D12.776.260.108.656.750.....Maf Transcription Factors, Small
D12.776.260.108.656.750.249.....MafF Transcription Factor
D12.776.260.108.656.750.500.....MafG Transcription Factor
D12.776.260.108.656.750.750.....MafK Transcription Factor
D12.776.260.108.656.770.....NF-E2 Transcription Factor, p45 Subunit
D12.776.260.108.710.....NF-E2-Related Factor 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.108.737.....NF-E2-Related Factor 2
D12.776.260.108.765.....Proto-Oncogene Proteins c-fos
D12.776.260.108.820.....Proto-Oncogene Proteins c-jun
D12.776.260.108.875.....Transcription Factor AP-1
D12.776.260.108.937.....X-Box Binding Protein 1
D12.776.260.114.....Butyrate Response Factor 1
D12.776.260.120.....CCCTC-Binding Factor
D12.776.260.123.....Centromere Protein A
D12.776.260.125.....Centromere Protein B
D12.776.260.158.....Early Growth Response Transcription Factors
D12.776.260.158.500.....Early Growth Response Protein 1
D12.776.260.158.750.....Early Growth Response Protein 2
D12.776.260.158.875.....Early Growth Response Protein 3
D12.776.260.197.....Elongin
D12.776.260.235.....Erythroid-Specific DNA-Binding Factors
D12.776.260.235.500.....GATA1 Transcription Factor
D12.776.260.235.625.....GATA2 Transcription Factor
D12.776.260.235.687.....GATA3 Transcription Factor
D12.776.260.235.750.....NF-E2 Transcription Factor
D12.776.260.235.750.750.....Maf Transcription Factors, Small
D12.776.260.235.750.750.249.....MafF Transcription Factor
D12.776.260.235.750.750.500.....MafG Transcription Factor
D12.776.260.235.750.750.750.....MafK Transcription Factor
D12.776.260.235.750.770.....NF-E2 Transcription Factor, p45 Subunit
D12.776.260.235.875.....YY1 Transcription Factor
D12.776.260.246.....Factor For Inversion Stimulation Protein
D12.776.260.254.....G-Box Binding Factors
D12.776.260.257.....GATA Transcription Factors
D12.776.260.257.100.....GATA1 Transcription Factor
D12.776.260.257.200.....GATA2 Transcription Factor
D12.776.260.257.300.....GATA3 Transcription Factor
D12.776.260.257.400.....GATA4 Transcription Factor
D12.776.260.257.500.....GATA5 Transcription Factor
D12.776.260.257.600.....GATA6 Transcription Factor
D12.776.260.260.....Heat Shock Transcription Factors
D12.776.260.262.....Hepatocyte Nuclear Factors
D12.776.260.262.500.....Hepatocyte Nuclear Factor 1
D12.776.260.262.500.500.....Hepatocyte Nuclear Factor 1-alpha
D12.776.260.262.500.750.....Hepatocyte Nuclear Factor 1-beta
D12.776.260.262.750.....Hepatocyte Nuclear Factor 3-alpha
D12.776.260.262.875.....Hepatocyte Nuclear Factor 3-beta

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.262.937.....Hepatocyte Nuclear Factor 3-gamma
D12.776.260.262.968.....Hepatocyte Nuclear Factor 4
D12.776.260.262.984.....Hepatocyte Nuclear Factor 6
D12.776.260.268.....Heterogeneous-Nuclear Ribonucleoprotein K
D12.776.260.312.....HMGA Proteins
D12.776.260.312.500.....HMGA1a Protein
D12.776.260.312.750.....HMGA1b Protein
D12.776.260.312.875.....HMGA1c Protein
D12.776.260.312.937.....HMGA2 Protein
D12.776.260.356.....HMGB Proteins
D12.776.260.356.300.....HMGB1 Protein
D12.776.260.356.600.....HMGB2 Protein
D12.776.260.356.800.....HMGB3 Protein
D12.776.260.400.....Homeodomain Proteins
D12.776.260.400.124.....Antennapedia Homeodomain Protein
D12.776.260.400.140.....CDX2 Transcription Factor
D12.776.260.400.155.....Fushi Tarazu Transcription Factors
D12.776.260.400.186.....Gooseoid Protein
D12.776.260.400.218.....Hepatocyte Nuclear Factor 1
D12.776.260.400.218.500.....Hepatocyte Nuclear Factor 1-alpha
D12.776.260.400.218.750.....Hepatocyte Nuclear Factor 1-beta
D12.776.260.400.234.....Homeobox Protein Nkx-2.5
D12.776.260.400.249.....MADS Domain Proteins
D12.776.260.400.249.249.....AGAMOUS Protein, Arabidopsis
D12.776.260.400.249.374.....DEFICIENS Protein
D12.776.260.400.249.624.....MEF2 Transcription Factors
D12.776.260.400.249.875.....Serum Response Factor
D12.776.260.400.436.....MSX1 Transcription Factor
D12.776.260.400.483.....Myeloid Ecotropic Viral Integration Site 1 Protein
D12.776.260.400.530.....Nanog Homeobox Protein
D12.776.260.400.624.....Onecut Transcription Factors
D12.776.260.400.624.500.....Hepatocyte Nuclear Factor 6
D12.776.260.400.718.....Otx Transcription Factors
D12.776.260.400.812.....PAX7 Transcription Factor
D12.776.260.400.836.....Pre-B-Cell Leukemia Transcription Factor 1
D12.776.260.400.859.....Short Stature Homeobox Protein
D12.776.260.400.871.....Thyroid Nuclear Factor 1
D12.776.260.400.883.....Zinc Finger E-box Binding Homeobox 2
D12.776.260.400.906.....Zinc Finger E-box-Binding Homeobox 1
D12.776.260.420.....I-kappa B Proteins
D12.776.260.420.500.....NF-KappaB Inhibitor alpha

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.457.....Immunoglobulin J Recombination Signal Sequence-Binding Protein
D12.776.260.495.....Integration Host Factors
D12.776.260.504.....Interferon Regulatory Factors
D12.776.260.504.124.....Interferon Regulatory Factor-1
D12.776.260.504.249.....Interferon Regulatory Factor-2
D12.776.260.504.374.....Interferon Regulatory Factor-3
D12.776.260.504.437.....Interferon Regulatory Factor-7
D12.776.260.504.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.260.513.....Interferon-Stimulated Gene Factor 3
D12.776.260.513.249.....Interferon-Stimulated Gene Factor 3, alpha Subunit
D12.776.260.513.249.500.....STAT1 Transcription Factor
D12.776.260.513.249.750.....STAT2 Transcription Factor
D12.776.260.513.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.260.522.....Kruppel-Like Transcription Factors
D12.776.260.522.500.....Ikaros Transcription Factor
D12.776.260.522.563.....Kruppel-Like Factor 6
D12.776.260.522.625.....Promyelocytic Leukemia Zinc Finger Protein
D12.776.260.522.750.....Sp Transcription Factors
D12.776.260.522.750.249.....Sp1 Transcription Factor
D12.776.260.522.750.500.....Sp2 Transcription Factor
D12.776.260.522.750.750.....Sp3 Transcription Factor
D12.776.260.522.750.875.....Sp4 Transcription Factor
D12.776.260.522.750.937.....Sp7 Transcription Factor
D12.776.260.522.875.....Zinc Finger Protein Gli3
D12.776.260.525.....Ku Autoantigen
D12.776.260.527.....Leucine-Responsive Regulatory Protein
D12.776.260.529.....LIM-Homeodomain Proteins
D12.776.260.531.....Liver X Receptors
D12.776.260.532.....Matrix Attachment Region Binding Proteins
D12.776.260.534.....MDS1 and EVI1 Complex Locus Protein
D12.776.260.536.....Methyl-CpG-Binding Protein 2
D12.776.260.538.....Minichromosome Maintenance 1 Protein
D12.776.260.539.....MRE11 Homologue Protein
D12.776.260.540.....MutL Proteins
D12.776.260.540.250.....Mismatch Repair Endonuclease PMS2
D12.776.260.540.500.....MutL Protein Homolog 1
D12.776.260.556.....MutS Proteins
D12.776.260.556.500.....MutS DNA Mismatch-Binding Protein
D12.776.260.556.750.....MutS Homolog 2 Protein
D12.776.260.556.875.....MutS Homolog 3 Protein
D12.776.260.560.....Myeloid-Lymphoid Leukemia Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.600.....NF-kappa B
D12.776.260.600.124.....NF-kappa B p50 Subunit
D12.776.260.600.186.....NF-kappa B p52 Subunit
D12.776.260.600.249.....Transcription Factor RelA
D12.776.260.600.500.....Transcription Factor RelB
D12.776.260.605.....NFI Transcription Factors
D12.776.260.615.....Nuclear Respiratory Factors
D12.776.260.615.249.....GA-Binding Protein Transcription Factor
D12.776.260.615.500.....Nuclear Respiratory Factor 1
D12.776.260.630.....Oncogene Protein p55(v-myc)
D12.776.260.640.....Origin Recognition Complex
D12.776.260.643.....Orphan Nuclear Receptors
D12.776.260.643.039.....COUP Transcription Factors
D12.776.260.643.039.249.....COUP Transcription Factor I
D12.776.260.643.039.500.....COUP Transcription Factor II
D12.776.260.643.080.....Nuclear Receptor Subfamily 1, Group D, Member 1
D12.776.260.643.100.....Nuclear Receptor Subfamily 1, Group F, Member 1
D12.776.260.643.110.....Nuclear Receptor Subfamily 1, Group F, Member 2
D12.776.260.643.182.....Nuclear Receptor Subfamily 1, Group F, Member 3
D12.776.260.643.255.....Nuclear Receptor Subfamily 2, Group C, Member 1
D12.776.260.643.327.....Nuclear Receptor Subfamily 2, Group C, Member 2
D12.776.260.643.400.....Nuclear Receptor Subfamily 4, Group A, Member 1
D12.776.260.643.415.....Nuclear Receptor Subfamily 4, Group A, Member 2
D12.776.260.643.430.....Nuclear Receptor Subfamily 4, Group A, Member 3
D12.776.260.643.572.....Nuclear Receptor Subfamily 6, Group A, Member 1
D12.776.260.643.715.....Receptors, Aryl Hydrocarbon
D12.776.260.645.....Paired Box Transcription Factors
D12.776.260.645.500.....PAX5 Transcription Factor
D12.776.260.645.750.....PAX2 Transcription Factor
D12.776.260.645.782.....PAX3 Transcription Factor
D12.776.260.645.813.....PAX6 Transcription Factor
D12.776.260.645.875.....PAX7 Transcription Factor
D12.776.260.645.906.....PAX8 Transcription Factor
D12.776.260.645.937.....PAX9 Transcription Factor
D12.776.260.650.....Peptidyl-Prolyl Cis-Trans Isomerase NIMA-Interacting 4
D12.776.260.655.....POU Domain Factors
D12.776.260.655.500.....Octamer Transcription Factors
D12.776.260.655.500.100.....Octamer Transcription Factor-1
D12.776.260.655.500.200.....Octamer Transcription Factor-2
D12.776.260.655.500.300.....Octamer Transcription Factor-3
D12.776.260.655.500.600.....Octamer Transcription Factor-6

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.655.625.....Transcription Factor Brn-3
D12.776.260.655.625.124.....Transcription Factor Brn-3A
D12.776.260.655.625.249.....Transcription Factor Brn-3B
D12.776.260.655.625.500.....Transcription Factor Brn-3C
D12.776.260.655.750.....Transcription Factor Pit-1
D12.776.260.660.....Proto-Oncogene Proteins c-bcl-6
D12.776.260.665.....Proto-Oncogene Proteins c-ets
D12.776.260.665.100.....Proto-Oncogene Protein c-ets-1
D12.776.260.665.200.....Proto-Oncogene Protein c-ets-2
D12.776.260.665.400.....Proto-Oncogene Protein c-fli-1
D12.776.260.665.600.....Ternary Complex Factors
D12.776.260.665.600.100.....ets-Domain Protein Elk-1
D12.776.260.665.600.300.....ets-Domain Protein Elk-4
D12.776.260.675.....Proto-Oncogene Proteins c-myb
D12.776.260.682.....Proto-Oncogene Proteins c-rel
D12.776.260.690.....Proto-Oncogene Proteins c-sis
D12.776.260.693.....PTB-Associated Splicing Factor
D12.776.260.695.....Rad51 Recombinase
D12.776.260.696.....Rad52 DNA Repair and Recombination Protein
D12.776.260.700.....Replication Protein A
D12.776.260.702.....Replication Protein C
D12.776.260.703.....Repressor Proteins
D12.776.260.703.099.....AraC Transcription Factor
D12.776.260.703.200.....COUP Transcription Factor II
D12.776.260.703.600.....Lac Repressors
D12.776.260.703.650.....Positive Regulatory Domain I-Binding Factor 1
D12.776.260.703.675.....Tripartite Motif-Containing Protein 28
D12.776.260.703.700.....Zinc Finger E-box Binding Homeobox 2
D12.776.260.703.800.....Zinc Finger E-box-Binding Homeobox 1
D12.776.260.703.900.....Zinc Finger Protein Gli3
D12.776.260.704.....Retinoblastoma Protein
D12.776.260.713.....Smad Proteins
D12.776.260.713.500.....Smad Proteins, Receptor-Regulated
D12.776.260.713.500.100.....Smad1 Protein
D12.776.260.713.500.300.....Smad3 Protein
D12.776.260.713.500.500.....Smad5 Protein
D12.776.260.713.500.800.....Smad8 Protein
D12.776.260.713.750.....Smad4 Protein
D12.776.260.716.....SMARCB1 Protein
D12.776.260.719.....SOX Transcription Factors
D12.776.260.719.049.....Sex-Determining Region Y Protein



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.719.100.....SOXB1 Transcription Factors
D12.776.260.719.200.....SOXB2 Transcription Factors
D12.776.260.719.300.....SOXC Transcription Factors
D12.776.260.719.400.....SOXD Transcription Factors
D12.776.260.719.500.....SOXE Transcription Factors
D12.776.260.719.500.500.....SOX9 Transcription Factor
D12.776.260.719.600.....SOXF Transcription Factors
D12.776.260.725.....T-Box Domain Proteins
D12.776.260.730.....TCF Transcription Factors
D12.776.260.730.500.....Lymphoid Enhancer-Binding Factor 1
D12.776.260.730.750.....T Cell Transcription Factor 1
D12.776.260.730.812.....Transcription Factor 7-Like 1 Protein
D12.776.260.730.875.....Transcription Factor 7-Like 2 Protein
D12.776.260.735.....Telomere-Binding Proteins
D12.776.260.735.500.....Heterogeneous-Nuclear Ribonucleoprotein Group A-B
D12.776.260.735.500.500.....Heterogeneous Nuclear Ribonucleoprotein A1
D12.776.260.735.750.....Telomeric Repeat Binding Protein 1
D12.776.260.735.875.....Telomeric Repeat Binding Protein 2
D12.776.260.750.....Toll-Like Receptor 9
D12.776.260.755.....Trans-Activators
D12.776.260.755.050.....Kruppel-Like Factor 6
D12.776.260.755.100.....Transcriptional Regulator ERG
D12.776.260.755.199.....Gene Products, tat
D12.776.260.755.199.500.....tat Gene Products, Human Immunodeficiency Virus
D12.776.260.755.400.....Herpes Simplex Virus Protein Vmw65
D12.776.260.755.700.....Transcription Activator-Like Effectors
D12.776.260.755.850.....Zinc Finger Protein GLI1
D12.776.260.755.925.....Zinc Finger Protein Gli2
D12.776.260.760.....Transcription Factor AP-2
D12.776.260.775.....Transcription Factors, General
D12.776.260.775.092.....Pol1 Transcription Initiation Complex Proteins
D12.776.260.775.186.....TATA-Binding Protein Associated Factors
D12.776.260.775.374.....TATA-Box Binding Protein
D12.776.260.775.812.....TATA Box Binding Protein-Like Proteins
D12.776.260.775.875.....Transcription Factors, TFII
D12.776.260.775.875.374.....Transcription Factor TFIIA
D12.776.260.775.875.562.....Transcription Factor TFIIIB
D12.776.260.775.875.750.....Transcription Factor TFIIID
D12.776.260.775.875.750.500.....TATA-Box Binding Protein
D12.776.260.775.875.875.....Transcription Factor TFIIH
D12.776.260.775.875.875.500.....Xeroderma Pigmentosum Group D Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.260.775.937.....Transcription Factors, TFIII
D12.776.260.775.937.249.....Transcription Factor TFIIIA
D12.776.260.775.937.500.....Transcription Factor TFIIIB
D12.776.260.790.....Tristetraprolin
D12.776.260.805.....Tumor Suppressor p53-Binding Protein 1
D12.776.260.820.....Tumor Suppressor Protein p53
D12.776.260.885.....Tumor Protein p73
D12.776.260.950.....Winged-Helix Transcription Factors
D12.776.260.950.249.....Forkhead Transcription Factors
D12.776.260.950.249.032.....Forkhead Box Protein L2
D12.776.260.950.249.063.....Forkhead Box Protein M1
D12.776.260.950.249.125.....Forkhead Box Protein O3
D12.776.260.950.249.250.....Forkhead Box Protein O1
D12.776.260.950.249.500.....Hepatocyte Nuclear Factor 3-alpha
D12.776.260.950.249.750.....Hepatocyte Nuclear Factor 3-beta
D12.776.260.950.249.875.....Hepatocyte Nuclear Factor 3-gamma
D12.776.260.950.624.....Regulatory Factor X Transcription Factors
D12.776.260.950.624.500.....Regulatory Factor X1
D12.776.260.963.....X-ray Repair Cross Complementing Protein 1
D12.776.260.975.....Xeroderma Pigmentosum Group A Protein
D12.776.290.....Egg Proteins
D12.776.290.180.....Conalbumin
D12.776.290.300.....Egg Proteins, Dietary
D12.776.290.663.....Ovalbumin
D12.776.290.663.100.....Avidin
D12.776.290.675.....Ovomucin
D12.776.290.700.....Phosvitin
D12.776.290.812.....Vitellins
D12.776.290.812.500.....Vitellogenins
D12.776.290.906.....Zona Pellucida Glycoproteins
D12.776.298.....Epididymal Secretory Proteins
D12.776.306.....Eye Proteins
D12.776.306.090.....Arrestins
D12.776.306.090.050.....Arrestin
D12.776.306.228.....Bestrophins
D12.776.306.366.....Crystallins
D12.776.306.366.100.....alpha-Crystallins
D12.776.306.366.100.149.....alpha-Crystallin A Chain
D12.776.306.366.100.300.....alpha-Crystallin B Chain
D12.776.306.366.300.....beta-Crystallins
D12.776.306.366.300.100.....beta-Crystallin A Chain

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.306.366.300.200.....beta-Crystallin B Chain
D12.776.306.366.310.....delta-Crystallins
D12.776.306.366.350.....epsilon-Crystallins
D12.776.306.366.850.....gamma-Crystallins
D12.776.306.366.925.....omega-Crystallins
D12.776.306.366.962.....tau-Crystallins
D12.776.306.366.981.....zeta-Crystallins
D12.776.306.399.....G-Protein-Coupled Receptor Kinase 1
D12.776.306.433.....Guanylate Cyclase-Activating Proteins
D12.776.306.466.....Opsins
D12.776.306.466.249.....Cone Opsins
D12.776.306.466.500.....Rod Opsins
D12.776.306.750.....Recoverin
D12.776.313.....Fanconi Anemia Complementation Group Proteins
D12.776.313.125.....BRCA1 Protein
D12.776.313.249.....BRCA2 Protein
D12.776.313.500.....Fanconi Anemia Complementation Group A Protein
D12.776.313.750.....Fanconi Anemia Complementation Group C Protein
D12.776.313.812.....Fanconi Anemia Complementation Group D2 Protein
D12.776.313.843.....Fanconi Anemia Complementation Group E Protein
D12.776.313.875.....Fanconi Anemia Complementation Group F Protein
D12.776.313.906.....Fanconi Anemia Complementation Group G Protein
D12.776.313.937.....Fanconi Anemia Complementation Group L Protein
D12.776.313.953.....Fanconi Anemia Complementation Group N Protein
D12.776.313.968.....Rad51 Recombinase
D12.776.320.....Fetal Proteins
D12.776.320.525.....Fetal Globulins
D12.776.320.525.500.....alpha-Fetoproteins
D12.776.325.....Fish Proteins
D12.776.325.500.....Zebrafish Proteins
D12.776.331.....Flavoproteins
D12.776.331.049.....Acetolactate Synthase
D12.776.331.099.....Acyl-CoA Dehydrogenase
D12.776.331.102.....Acyl-CoA Dehydrogenase, Long-Chain
D12.776.331.149.....Acyl-CoA Oxidase
D12.776.331.161.....Apoptosis Inducing Factor
D12.776.331.174.....Butyryl-CoA Dehydrogenase
D12.776.331.180.....Cryptochromes
D12.776.331.186.....Cytochrome-B(5) Reductase
D12.776.331.192.....Dihydrolipoamide Dehydrogenase
D12.776.331.199.....Electron-Transferring Flavoproteins

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.331.199.500.....	Electron Transport Complex I
D12.776.331.199.750.....	Electron Transport Complex II
D12.776.331.199.750.500.....	Succinate Dehydrogenase
D12.776.331.400.....	Flavodoxin
D12.776.331.737.....	Glutamate Synthase (NADH)
D12.776.331.775.....	Methylenetetrahydrofolate Reductase (NADPH2)
D12.776.331.887.....	NADH Dehydrogenase
D12.776.331.894.....	NADPH Oxidases
D12.776.331.894.500.....	Dual Oxidases
D12.776.331.894.750.....	NADPH Oxidase 1
D12.776.331.894.875.....	NADPH Oxidase 2
D12.776.331.894.937.....	NADPH Oxidase 4
D12.776.331.894.968.....	NADPH Oxidase 5
D12.776.331.899.....	Nitrate Reductase (NADH)
D12.776.331.901.....	Nitrate Reductase (NAD(P)H)
D12.776.331.911.....	Nitrate Reductase (NADPH)
D12.776.331.915.....	Retinal Dehydrogenase
D12.776.331.943.....	Sarcosine Oxidase
D12.776.331.971.....	Thioredoxin-Disulfide Reductase
D12.776.354.....	Fungal Proteins
D12.776.354.374.....	Killer Factors, Yeast
D12.776.354.562.....	Minichromosome Maintenance 1 Protein
D12.776.354.750.....	Saccharomyces cerevisiae Proteins
D12.776.354.750.124.....	CDC28 Protein Kinase, S cerevisiae
D12.776.354.750.249.....	cdc42 GTP-Binding Protein, Saccharomyces cerevisiae
D12.776.354.750.750.....	Silent Information Regulator Proteins, Saccharomyces cerevisiae
D12.776.354.875.....	Schizosaccharomyces pombe Proteins
D12.776.377.....	Globulins
D12.776.377.228.....	Fetal Globulins
D12.776.377.228.500.....	alpha-Fetoproteins
D12.776.377.457.....	Lactoglobulins
D12.776.377.457.507.....	Lactoferrin
D12.776.377.715.....	Serum Globulins
D12.776.377.715.085.....	Alpha-Globulins
D12.776.377.715.085.050.....	alpha 1-Antichymotrypsin
D12.776.377.715.085.085.....	alpha 1-Antitrypsin
D12.776.377.715.085.090.....	alpha-2-Antiplasmin
D12.776.377.715.085.092.....	alpha-Fetoproteins
D12.776.377.715.085.100.....	alpha-Macroglobulins
D12.776.377.715.085.125.....	Antithrombin III
D12.776.377.715.085.214.....	Ceruloplasmin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.377.715.085.304.....Fetuians
D12.776.377.715.085.304.500.....alpha-2-HS-Glycoprotein
D12.776.377.715.085.304.750.....Fetuin-B
D12.776.377.715.085.394.....Haptoglobins
D12.776.377.715.085.450.....Heparin Cofactor II
D12.776.377.715.085.640.....Orosomuroid
D12.776.377.715.085.740.....Progesterone-Binding Globulin
D12.776.377.715.085.745.....Retinol-Binding Proteins, Plasma
D12.776.377.715.085.901.....Transcortin
D12.776.377.715.182.....Beta-Globulins
D12.776.377.715.182.100.....beta 2-Microglobulin
D12.776.377.715.182.160.....beta-Thromboglobulin
D12.776.377.715.182.200.....Complement Factor H
D12.776.377.715.182.338.....Hemopexin
D12.776.377.715.182.580.....Plasminogen
D12.776.377.715.182.580.500.....Angiostatins
D12.776.377.715.182.624.....Properdin
D12.776.377.715.182.800.....Sex Hormone-Binding Globulin
D12.776.377.715.182.839.....Transferrin
D12.776.377.715.390.....Fibronectins
D12.776.377.715.548.....Immunoglobulins
D12.776.377.715.548.114.....Antibodies
D12.776.377.715.548.114.071.....Antibodies, Anti-Idiotypic
D12.776.377.715.548.114.071.500.....Omalizumab
D12.776.377.715.548.114.107.....Antibodies, Archaeal
D12.776.377.715.548.114.125.....Antibodies, Bacterial
D12.776.377.715.548.114.125.288.....Antistreptolysin
D12.776.377.715.548.114.134.....Antibodies, Bispecific
D12.776.377.715.548.114.143.....Antibodies, Blocking
D12.776.377.715.548.114.167.....Antibodies, Catalytic
D12.776.377.715.548.114.179.....Antibodies, Fungal
D12.776.377.715.548.114.185.....Antibodies, Helminth
D12.776.377.715.548.114.191.....Antibodies, Heterophile
D12.776.377.715.548.114.207.....Antibodies, Immobilized
D12.776.377.715.548.114.224.....Antibodies, Monoclonal
D12.776.377.715.548.114.224.200.....Antibodies, Monoclonal, Humanized
D12.776.377.715.548.114.224.200.250.....Adalimumab
D12.776.377.715.548.114.224.200.375.....Alemtuzumab
D12.776.377.715.548.114.224.200.438.....Bevacizumab
D12.776.377.715.548.114.224.200.500.....Certolizumab Pegol
D12.776.377.715.548.114.224.200.750.....Cetuximab

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.377.715.548.114.224.200.782.....Denosumab
D12.776.377.715.548.114.224.200.798.....Ipilimumab
D12.776.377.715.548.114.224.200.813.....Natalizumab
D12.776.377.715.548.114.224.200.844.....Omalizumab
D12.776.377.715.548.114.224.200.860.....Palivizumab
D12.776.377.715.548.114.224.200.868.....Ranibizumab
D12.776.377.715.548.114.224.200.875.....Trastuzumab
D12.776.377.715.548.114.224.200.937.....Ustekinumab
D12.776.377.715.548.114.224.284.....Antibodies, Monoclonal, Murine-Derived
D12.776.377.715.548.114.224.284.570.....Muromonab-CD3
D12.776.377.715.548.114.224.284.785.....Rituximab
D12.776.377.715.548.114.224.642.....Infliximab
D12.776.377.715.548.114.240.....Antibodies, Neoplasm
D12.776.377.715.548.114.244.....Antibodies, Neutralizing
D12.776.377.715.548.114.248.....Antibodies, Phospho-Specific
D12.776.377.715.548.114.252.....Antibodies, Protozoan
D12.776.377.715.548.114.254.....Antibodies, Viral
D12.776.377.715.548.114.254.150.....Deltaretrovirus Antibodies
D12.776.377.715.548.114.254.150.440.....HIV Antibodies
D12.776.377.715.548.114.254.150.500.....HTLV-I Antibodies
D12.776.377.715.548.114.254.150.510.....HTLV-II Antibodies
D12.776.377.715.548.114.254.450.....Hepatitis Antibodies
D12.776.377.715.548.114.254.450.251.....Hepatitis A Antibodies
D12.776.377.715.548.114.254.450.504.....Hepatitis B Antibodies
D12.776.377.715.548.114.254.450.510.....Hepatitis C Antibodies
D12.776.377.715.548.114.257.....Antigen-Antibody Complex
D12.776.377.715.548.114.323.....Autoantibodies
D12.776.377.715.548.114.323.095.....Anti-Citrullinated Protein Antibodies
D12.776.377.715.548.114.323.190.....Antibodies, Antineutrophil Cytoplasmic
D12.776.377.715.548.114.323.204.....Antibodies, Antinuclear
D12.776.377.715.548.114.323.210.....Antibodies, Antiphospholipid
D12.776.377.715.548.114.323.210.100.....Antibodies, Anticardiolipin
D12.776.377.715.548.114.323.210.600.....Lupus Coagulation Inhibitor
D12.776.377.715.548.114.323.300.....Complement C3 Nephritic Factor
D12.776.377.715.548.114.323.390.....Immunoconglutinins
D12.776.377.715.548.114.323.480.....Immunoglobulins, Thyroid-Stimulating
D12.776.377.715.548.114.323.480.500.....Long-Acting Thyroid Stimulator
D12.776.377.715.548.114.323.732.....Rheumatoid Factor
D12.776.377.715.548.114.573.....Immune Sera
D12.776.377.715.548.114.573.203.....Antilymphocyte Serum
D12.776.377.715.548.114.573.601.....Antitoxins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.377.715.548.114.573.601.138.....Antivenins
D12.776.377.715.548.114.573.601.268.....Botulinum Antitoxin
D12.776.377.715.548.114.573.601.438.....Diphtheria Antitoxin
D12.776.377.715.548.114.573.601.849.....Tetanus Antitoxin
D12.776.377.715.548.114.580.....Immunoconjugates
D12.776.377.715.548.114.580.225.....Abatacept
D12.776.377.715.548.114.580.450.....Immunotoxins
D12.776.377.715.548.114.606.....Immunoglobulin Allotypes
D12.776.377.715.548.114.606.586.....Immunoglobulin Gm Allotypes
D12.776.377.715.548.114.606.587.....Immunoglobulin Km Allotypes
D12.776.377.715.548.114.619.....Immunoglobulin Isotypes
D12.776.377.715.548.114.619.026.....Immunoglobulin A
D12.776.377.715.548.114.619.026.030.....Immunoglobulin A, Secretory
D12.776.377.715.548.114.619.026.030.500.....Secretory Component
D12.776.377.715.548.114.619.026.515.....Immunoglobulin alpha-Chains
D12.776.377.715.548.114.619.251.....Immunoglobulin D
D12.776.377.715.548.114.619.251.500.....Immunoglobulin delta-Chains
D12.776.377.715.548.114.619.312.....Immunoglobulin E
D12.776.377.715.548.114.619.312.500.....Immunoglobulin epsilon-Chains
D12.776.377.715.548.114.619.393.....Immunoglobulin G
D12.776.377.715.548.114.619.393.261.....Etanercept
D12.776.377.715.548.114.619.393.522.....Immunoglobulin gamma-Chains
D12.776.377.715.548.114.619.393.522.400.....Immunoglobulin Gm Allotypes
D12.776.377.715.548.114.619.393.550.....Long-Acting Thyroid Stimulator
D12.776.377.715.548.114.619.393.570.....Muromonab-CD3
D12.776.377.715.548.114.619.393.700.....Rho(D) Immune Globulin
D12.776.377.715.548.114.619.574.....Immunoglobulin M
D12.776.377.715.548.114.619.574.500.....Immunoglobulin mu-Chains
D12.776.377.715.548.114.632.....Immunoglobulins, Intravenous
D12.776.377.715.548.114.656.....Insulin Antibodies
D12.776.377.715.548.114.664.....Isoantibodies
D12.776.377.715.548.114.715.....Oligoclonal Bands
D12.776.377.715.548.114.767.....Opsonin Proteins
D12.776.377.715.548.114.820.....Plantibodies
D12.776.377.715.548.114.837.....Precipitins
D12.776.377.715.548.114.890.....Reagins
D12.776.377.715.548.397.....gamma-Globulins
D12.776.377.715.548.397.500.....Tuftsin
D12.776.377.715.548.538.....Immunoglobulin Constant Regions
D12.776.377.715.548.538.500.....Immunoglobulin Fc Fragments
D12.776.377.715.548.538.500.249.....CD4 Immunoadhesins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.377.715.548.680.....Immunoglobulin Fragments
D12.776.377.715.548.680.650.....Immunoglobulin Fab Fragments
D12.776.377.715.548.680.650.250.....Certolizumab Pegol
D12.776.377.715.548.680.650.500.....Immunoglobulin Variable Region
D12.776.377.715.548.680.650.500.180.....Complementarity Determining Regions
D12.776.377.715.548.680.650.500.590.....Immunoglobulin Joining Region
D12.776.377.715.548.680.650.500.795.....Single-Chain Antibodies
D12.776.377.715.548.680.650.500.897.....Single-Domain Antibodies
D12.776.377.715.548.680.650.750.....Tuftsin
D12.776.377.715.548.680.660.....Immunoglobulin Fc Fragments
D12.776.377.715.548.680.660.249.....CD4 Immunoadhesins
D12.776.377.715.548.680.745.....Immunoglobulin Idiotypes
D12.776.377.715.548.705.....Immunoglobulin Subunits
D12.776.377.715.548.705.500.....Immunoglobulin Heavy Chains
D12.776.377.715.548.705.500.350.....Immunoglobulin alpha-Chains
D12.776.377.715.548.705.500.360.....Immunoglobulin delta-Chains
D12.776.377.715.548.705.500.370.....Immunoglobulin epsilon-Chains
D12.776.377.715.548.705.500.380.....Immunoglobulin gamma-Chains
D12.776.377.715.548.705.500.380.500.....Immunoglobulin Gm Allotypes
D12.776.377.715.548.705.500.500.....Immunoglobulin mu-Chains
D12.776.377.715.548.705.625.....Immunoglobulin J-Chains
D12.776.377.715.548.705.750.....Immunoglobulin Light Chains
D12.776.377.715.548.705.750.530.....Immunoglobulin kappa-Chains
D12.776.377.715.548.705.750.530.500.....Immunoglobulin Km Allotypes
D12.776.377.715.548.705.750.550.....Immunoglobulin lambda-Chains
D12.776.377.715.548.705.750.775.....Immunoglobulin Light Chains, Surrogate
D12.776.377.715.548.705.875.....Secretory Component
D12.776.377.715.548.797.....Immunoglobulin Variable Region
D12.776.377.715.548.797.180.....Complementarity Determining Regions
D12.776.377.715.548.797.590.....Immunoglobulin Joining Region
D12.776.377.715.548.900.....Paraproteins
D12.776.377.715.548.900.120.....Bence Jones Protein
D12.776.377.715.548.900.225.....Cryoglobulins
D12.776.377.715.548.900.500.....Myeloma Proteins
D12.776.377.715.548.900.700.....Pyroglobulins
D12.776.377.715.548.950.....Receptors, Antigen, B-Cell
D12.776.377.715.548.950.500.....CD79 Antigens
D12.776.377.715.548.950.750.....Pre-B Cell Receptors
D12.776.377.715.548.950.750.500.....Immunoglobulin Light Chains, Surrogate
D12.776.377.715.647.....Macroglobulins
D12.776.377.715.647.100.....alpha-Macroglobulins



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.377.715.900.....Transcobalamins
D12.776.377.856.....Thyroglobulin
D12.776.395.....Glycoproteins
D12.776.395.022.....Activins
D12.776.395.022.500.....Inhibin-beta Subunits
D12.776.395.033.....ADAM Proteins
D12.776.395.033.125.....ADAM12 Protein
D12.776.395.033.250.....ADAM10 Protein
D12.776.395.033.375.....ADAM17 Protein
D12.776.395.033.500.....ADAMTS Proteins
D12.776.395.033.500.500.....ADAMTS1 Protein
D12.776.395.033.500.813.....ADAMTS13 Protein
D12.776.395.033.500.844.....ADAMTS4 Protein
D12.776.395.033.500.875.....ADAMTS5 Protein
D12.776.395.033.500.937.....ADAMTS7 Protein
D12.776.395.033.500.968.....ADAMTS9 Protein
D12.776.395.033.750.....Fertilins
D12.776.395.045.....alpha 1-Antichymotrypsin
D12.776.395.068.....alpha 1-Antitrypsin
D12.776.395.080.....alpha-2-Antiplasmin
D12.776.395.086.....alpha-2-HS-Glycoprotein
D12.776.395.092.....CD27 Ligand
D12.776.395.140.....Asialoglycoproteins
D12.776.395.175.....Avidin
D12.776.395.191.....B-Cell Activating Factor
D12.776.395.192.....4-1BB Ligand
D12.776.395.195.....beta 2-Glycoprotein I
D12.776.395.199.....Cholesterol Ester Transfer Proteins
D12.776.395.207.....Clusterin
D12.776.395.240.....Colony-Stimulating Factors
D12.776.395.240.150.....Erythropoietin
D12.776.395.240.150.500.....Darbepoetin alfa
D12.776.395.240.150.750.....Epoetin Alfa
D12.776.395.240.200.....Granulocyte Colony-Stimulating Factor
D12.776.395.240.200.500.....Filgrastim
D12.776.395.240.300.....Granulocyte-Macrophage Colony-Stimulating Factor
D12.776.395.240.400.....Interleukin-3
D12.776.395.240.500.....Macrophage Colony-Stimulating Factor
D12.776.395.240.750.....Thrombopoietin
D12.776.395.320.....Complement C1 Inhibitor Protein
D12.776.395.341.....Fibrillins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.341.500.....Fibrillin-1
D12.776.395.341.750.....Fibrillin-2
D12.776.395.361.....Glycodelin
D12.776.395.381.....Glycated Hemoglobin A
D12.776.395.401.....Hemopexin
D12.776.395.420.....HSP47 Heat-Shock Proteins
D12.776.395.439.....Inhibins
D12.776.395.439.500.....Inhibin-beta Subunits
D12.776.395.507.....Lactoferrin
D12.776.395.550.....Membrane Glycoproteins
D12.776.395.550.007.....AC133 Antigen
D12.776.395.550.014.....CD47 Antigen
D12.776.395.550.016.....Kangai-1 Protein
D12.776.395.550.018.....Tetraspanin-29
D12.776.395.550.020.....ATP-Binding Cassette Transporters
D12.776.395.550.020.381.....ATP Binding Cassette Transporter, Sub-Family A
D12.776.395.550.020.381.500.....ATP Binding Cassette Transporter 1
D12.776.395.550.020.381.750.....ATP Binding Cassette Transporter, Sub-Family A, Member 4
D12.776.395.550.020.419.....ATP Binding Cassette Transporter, Sub-Family D
D12.776.395.550.020.419.500.....ATP Binding Cassette Transporter, Sub-Family D, Member 1
D12.776.395.550.020.457.....ATP Binding Cassette Transporter, Sub-Family G
D12.776.395.550.020.457.250.....ATP Binding Cassette Transporter, Sub-Family G, Member 1
D12.776.395.550.020.457.500.....ATP Binding Cassette Transporter, Sub-Family G, Member 2
D12.776.395.550.020.457.750.....ATP Binding Cassette Transporter, Sub-Family G, Member 5
D12.776.395.550.020.457.875.....ATP Binding Cassette Transporter, Sub-Family G, Member 8
D12.776.395.550.020.610.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.395.550.020.610.305.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.395.550.020.610.458.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.395.550.020.610.534.....ATP Binding Cassette Subfamily B Member 11
D12.776.395.550.020.610.610.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.395.550.034.....CD58 Antigens
D12.776.395.550.045.....Basigin
D12.776.395.550.050.....Thy-1 Antigens
D12.776.395.550.114.....Butyrophilins
D12.776.395.550.114.500.....Myelin-Oligodendrocyte Glycoprotein
D12.776.395.550.177.....CD30 Ligand
D12.776.395.550.185.....CD40 Ligand
D12.776.395.550.200.....Cell Adhesion Molecules
D12.776.395.550.200.049.....12E7 Antigen
D12.776.395.550.200.074.....CD11 Antigens
D12.776.395.550.200.074.500.....CD11a Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.550.200.074.750.....CD11b Antigen
D12.776.395.550.200.074.875.....CD11c Antigen
D12.776.395.550.200.074.937.....Lymphocyte Function-Associated Antigen-1
D12.776.395.550.200.098.....CD24 Antigen
D12.776.395.550.200.115.....Cell Adhesion Molecule-1
D12.776.395.550.200.123.....Nectins
D12.776.395.550.200.131.....Platelet Endothelial Cell Adhesion Molecule-1
D12.776.395.550.200.170.....CD146 Antigen
D12.776.395.550.200.175.....Endolyn
D12.776.395.550.200.188.....Cadherin Related Proteins
D12.776.395.550.200.188.500.....Proto-Oncogene Proteins c-ret
D12.776.395.550.200.200.....Cadherins
D12.776.395.550.200.200.500.....Desmosomal Cadherins
D12.776.395.550.200.200.500.249.....Desmocollins
D12.776.395.550.200.200.500.500.....Desmogleins
D12.776.395.550.200.200.500.500.500.....Desmoglein 1
D12.776.395.550.200.200.500.500.625.....Desmoglein 2
D12.776.395.550.200.200.500.500.750.....Desmoglein 3
D12.776.395.550.200.210.....Carcinoembryonic Antigen
D12.776.395.550.200.230.....CD4 Immunoadhesins
D12.776.395.550.200.250.....Cell Adhesion Molecules, Neuronal
D12.776.395.550.200.250.150.....Cell Adhesion Molecules, Neuron-Glia
D12.776.395.550.200.250.150.050.....Activated-Leukocyte Cell Adhesion Molecule
D12.776.395.550.200.250.325.....Contactins
D12.776.395.550.200.250.325.100.....Contactin 1
D12.776.395.550.200.250.325.200.....Contactin 2
D12.776.395.550.200.250.500.....Myelin P0 Protein
D12.776.395.550.200.250.520.....Neural Cell Adhesion Molecules
D12.776.395.550.200.250.520.156.....CD56 Antigen
D12.776.395.550.200.250.520.578.....Neural Cell Adhesion Molecule L1
D12.776.395.550.200.250.520.789.....Neurocan
D12.776.395.550.200.263.....Epithelial Cell Adhesion Molecule
D12.776.395.550.200.275.....Integrin alphaXbeta2
D12.776.395.550.200.275.500.....CD11c Antigen
D12.776.395.550.200.275.750.....CD18 Antigens
D12.776.395.550.200.450.....Intercellular Adhesion Molecule-1
D12.776.395.550.200.494.....Intercellular Adhesion Molecule-3
D12.776.395.550.200.537.....Junctional Adhesion Molecules
D12.776.395.550.200.537.500.....Coxsackie and Adenovirus Receptor-Like Membrane Protein
D12.776.395.550.200.537.750.....Junctional Adhesion Molecule A
D12.776.395.550.200.537.875.....Junctional Adhesion Molecule B

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.550.200.537.937.....Junctional Adhesion Molecule C
D12.776.395.550.200.625.....Receptors, Lymphocyte Homing
D12.776.395.550.200.625.144.....Hyaluronan Receptors
D12.776.395.550.200.625.347.....Integrin alpha4beta1
D12.776.395.550.200.625.550.....Lymphocyte Function-Associated Antigen-1
D12.776.395.550.200.625.903.....L-Selectin
D12.776.395.550.200.700.....Selectins
D12.776.395.550.200.700.300.....E-Selectin
D12.776.395.550.200.700.510.....L-Selectin
D12.776.395.550.200.700.775.....P-Selectin
D12.776.395.550.200.810.....Sialic Acid Binding Ig-like Lectin 2
D12.776.395.550.200.920.....Vascular Cell Adhesion Molecule-1
D12.776.395.550.275.....Ectodysplasins
D12.776.395.550.294.....Endothelial Protein C Receptor
D12.776.395.550.312.....Fas Ligand Protein
D12.776.395.550.331.....Fertilins
D12.776.395.550.350.....Fibronectins
D12.776.395.550.400.....GAP-43 Protein
D12.776.395.550.448.....GPI-Linked Proteins
D12.776.395.550.448.100.....Lipopolysaccharide Receptors
D12.776.395.550.448.120.....CD24 Antigen
D12.776.395.550.448.130.....CD55 Antigens
D12.776.395.550.448.140.....CD59 Antigens
D12.776.395.550.448.150.....Bone Marrow Stromal Antigen 2
D12.776.395.550.448.160.....Carbonic Anhydrase IV
D12.776.395.550.448.180.....CD48 Antigen
D12.776.395.550.448.190.....CD52 Antigen
D12.776.395.550.448.200.....Ciliary Neurotrophic Factor Receptor alpha Subunit
D12.776.395.550.448.250.....Contactins
D12.776.395.550.448.250.100.....Contactin 1
D12.776.395.550.448.250.200.....Contactin 2
D12.776.395.550.448.300.....Ephrin-A1
D12.776.395.550.448.310.....Ephrin-A2
D12.776.395.550.448.320.....Ephrin-A3
D12.776.395.550.448.330.....Ephrin-A4
D12.776.395.550.448.340.....Ephrin-A5
D12.776.395.550.448.370.....Folate Receptors, GPI-Anchored
D12.776.395.550.448.370.500.....Folate Receptor 1
D12.776.395.550.448.370.750.....Folate Receptor 2
D12.776.395.550.448.400.....Glial Cell Line-Derived Neurotrophic Factor Receptors
D12.776.395.550.448.500.....Glypicans

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.395.550.448.600.....	Prion Proteins
D12.776.395.550.448.700.....	Matrix Metalloproteinase 17
D12.776.395.550.448.738.....	Nogo Receptors
D12.776.395.550.448.738.250.....	Nogo Receptor 2
D12.776.395.550.448.738.500.....	Nogo Receptor 1
D12.776.395.550.448.775.....	Oligodendrocyte-Myelin Glycoprotein
D12.776.395.550.448.813.....	Receptors, Urokinase Plasminogen Activator
D12.776.395.550.448.850.....	Uromodulin
D12.776.395.550.469.....	Hepatitis A Virus Cellular Receptor 1
D12.776.395.550.479.....	Hepatitis A Virus Cellular Receptor 2
D12.776.395.550.489.....	Histocompatibility Antigens Class I
D12.776.395.550.489.200.....	Hemochromatosis Protein
D12.776.395.550.489.400.....	HLA-A Antigens
D12.776.395.550.489.400.010.....	HLA-A1 Antigen
D12.776.395.550.489.400.020.....	HLA-A2 Antigen
D12.776.395.550.489.400.030.....	HLA-A3 Antigen
D12.776.395.550.489.400.110.....	HLA-A11 Antigen
D12.776.395.550.489.400.240.....	HLA-A24 Antigen
D12.776.395.550.489.500.....	HLA-B Antigens
D12.776.395.550.489.500.070.....	HLA-B7 Antigen
D12.776.395.550.489.500.080.....	HLA-B8 Antigen
D12.776.395.550.489.500.130.....	HLA-B13 Antigen
D12.776.395.550.489.500.140.....	HLA-B14 Antigen
D12.776.395.550.489.500.150.....	HLA-B15 Antigen
D12.776.395.550.489.500.180.....	HLA-B18 Antigen
D12.776.395.550.489.500.270.....	HLA-B27 Antigen
D12.776.395.550.489.500.350.....	HLA-B35 Antigen
D12.776.395.550.489.500.370.....	HLA-B37 Antigen
D12.776.395.550.489.500.380.....	HLA-B38 Antigen
D12.776.395.550.489.500.390.....	HLA-B39 Antigen
D12.776.395.550.489.500.400.....	HLA-B40 Antigen
D12.776.395.550.489.500.440.....	HLA-B44 Antigen
D12.776.395.550.489.500.510.....	HLA-B51 Antigen
D12.776.395.550.489.500.520.....	HLA-B52 Antigen
D12.776.395.550.489.600.....	HLA-C Antigens
D12.776.395.550.489.700.....	HLA-G Antigens
D12.776.395.550.509.....	Histocompatibility Antigens Class II
D12.776.395.550.509.400.....	HLA-D Antigens
D12.776.395.550.509.400.420.....	HLA-DP Antigens
D12.776.395.550.509.400.420.500.....	HLA-DP alpha-Chains
D12.776.395.550.509.400.420.750.....	HLA-DP beta-Chains

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.550.509.400.430.....HLA-DQ Antigens
D12.776.395.550.509.400.430.500.....HLA-DQ alpha-Chains
D12.776.395.550.509.400.430.750.....HLA-DQ beta-Chains
D12.776.395.550.509.400.440.....HLA-DR Antigens
D12.776.395.550.509.400.440.100.....HLA-DR alpha-Chains
D12.776.395.550.509.400.440.200.....HLA-DR beta-Chains
D12.776.395.550.509.400.440.200.010.....HLA-DRB1 Chains
D12.776.395.550.509.400.440.200.030.....HLA-DRB3 Chains
D12.776.395.550.509.400.440.200.040.....HLA-DRB4 Chains
D12.776.395.550.509.400.440.200.050.....HLA-DRB5 Chains
D12.776.395.550.509.400.440.400.....HLA-DR Serological Subtypes
D12.776.395.550.509.400.440.400.010.....HLA-DR1 Antigen
D12.776.395.550.509.400.440.400.020.....HLA-DR2 Antigen
D12.776.395.550.509.400.440.400.030.....HLA-DR3 Antigen
D12.776.395.550.509.400.440.400.040.....HLA-DR4 Antigen
D12.776.395.550.509.400.440.400.050.....HLA-DR5 Antigen
D12.776.395.550.509.400.440.400.060.....HLA-DR6 Antigen
D12.776.395.550.509.400.440.400.070.....HLA-DR7 Antigen
D12.776.395.550.530.....Laminin
D12.776.395.550.550.....Lysosome-Associated Membrane Glycoproteins
D12.776.395.550.550.249.....Tetraspanin 30
D12.776.395.550.550.500.....Lysosomal-Associated Membrane Protein 1
D12.776.395.550.550.750.....Lysosomal-Associated Membrane Protein 2
D12.776.395.550.550.875.....Lysosomal-Associated Membrane Protein 3
D12.776.395.550.560.....Mucin-1
D12.776.395.550.565.....Mucin-3
D12.776.395.550.570.....Myelin-Associated Glycoprotein
D12.776.395.550.597.....OX40 Ligand
D12.776.395.550.611.....PHEX Phosphate Regulating Neutral Endopeptidase
D12.776.395.550.625.....Platelet Membrane Glycoproteins
D12.776.395.550.625.136.....CD36 Antigens
D12.776.395.550.625.298.....Integrin alpha2beta1
D12.776.395.550.625.379.....Integrin alpha5beta1
D12.776.395.550.625.419.....Integrin alpha6beta1
D12.776.395.550.625.439.....Integrin alphaVbeta3
D12.776.395.550.625.449.....Lysosomal-Associated Membrane Protein 1
D12.776.395.550.625.460.....Platelet Glycoprotein GPIb-IX Complex
D12.776.395.550.625.785.....Platelet Glycoprotein GPIIb-IIIa Complex
D12.776.395.550.625.800.....Receptors, Thrombin
D12.776.395.550.625.800.790.....Receptor, PAR-1
D12.776.395.550.625.800.800.....Thrombomodulin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.550.625.905.....P-Selectin
D12.776.395.550.736.....Signaling Lymphocytic Activation Molecule Family
D12.776.395.550.736.250.....CD48 Antigen
D12.776.395.550.736.500.....Signaling Lymphocytic Activation Molecule Family Member 1
D12.776.395.550.847.....Syndecans
D12.776.395.550.847.100.....Syndecan-1
D12.776.395.550.847.200.....Syndecan-2
D12.776.395.550.847.600.....Syndecan-3
D12.776.395.550.847.800.....Syndecan-4
D12.776.395.550.895.....Thrombospondins
D12.776.395.550.895.800.....Thrombospondin 1
D12.776.395.550.919.....Triggering Receptor Expressed on Myeloid Cells-1
D12.776.395.550.942.....Uroplakins
D12.776.395.550.942.100.....Uroplakin Ia
D12.776.395.550.942.150.....Uroplakin Ib
D12.776.395.550.942.200.....Uroplakin II
D12.776.395.550.942.300.....Uroplakin III
D12.776.395.550.990.....Variant Surface Glycoproteins, Trypanosoma
D12.776.395.550.995.....Zona Pellucida Glycoproteins
D12.776.395.560.....Mucoproteins
D12.776.395.560.186.....Cell Wall Skeleton
D12.776.395.560.373.....Haptoglobins
D12.776.395.560.494.....Intrinsic Factor
D12.776.395.560.631.....Mucins
D12.776.395.560.631.050.....CA-125 Antigen
D12.776.395.560.631.100.....Gastric Mucins
D12.776.395.560.631.100.500.....Mucin 5AC
D12.776.395.560.631.100.750.....Mucin-6
D12.776.395.560.631.115.....Mucin-1
D12.776.395.560.631.161.....Mucin-2
D12.776.395.560.631.184.....Mucin-3
D12.776.395.560.631.195.....Mucin-4
D12.776.395.560.631.207.....Mucin-5B
D12.776.395.560.631.650.....Sialomucins
D12.776.395.560.631.650.143.....Leukosialin
D12.776.395.560.631.650.264.....Endolyn
D12.776.395.560.742.....Orosomuroid
D12.776.395.560.760.....Ovomucin
D12.776.395.560.800.....Peptidoglycan
D12.776.395.560.825.....Phytohemagglutinins
D12.776.395.560.912.....Uromodulin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.395.570.....Myelin P0 Protein
D12.776.395.600.....Osteonectin
D12.776.395.635.....Protein C
D12.776.395.642.....Protein S
D12.776.395.650.....Proteoglycans
D12.776.395.650.350.....Heparan Sulfate Proteoglycans
D12.776.395.650.350.249.....Glypicans
D12.776.395.650.350.500.....Syndecans
D12.776.395.650.350.500.100.....Syndecan-1
D12.776.395.650.350.500.200.....Syndecan-2
D12.776.395.650.350.500.600.....Syndecan-3
D12.776.395.650.350.500.800.....Syndecan-4
D12.776.395.650.750.....Chondroitin Sulfate Proteoglycans
D12.776.395.650.750.281.....Hyaluronan Receptors
D12.776.395.650.750.562.....Biglycan
D12.776.395.650.750.625.....Decorin
D12.776.395.650.750.687.....Hyalectins
D12.776.395.650.750.687.100.....Aggrecans
D12.776.395.650.750.687.275.....Brevican
D12.776.395.650.750.687.450.....Neurocan
D12.776.395.650.750.687.800.....Versicans
D12.776.395.650.875.....Small Leucine-Rich Proteoglycans
D12.776.395.650.875.250.....Biglycan
D12.776.395.650.875.500.....Decorin
D12.776.395.650.875.625.....Fibromodulin
D12.776.395.650.875.750.....Lumican
D12.776.395.690.....Serum Amyloid P-Component
D12.776.395.700.....Sialoglycoproteins
D12.776.395.700.174.....Leukosialin
D12.776.395.700.350.....Glycophorin
D12.776.395.700.675.....Integrin-Binding Sialoprotein
D12.776.395.700.837.....Osteopontin
D12.776.395.768.....Thyroglobulin
D12.776.395.832.....Thyroxine-Binding Proteins
D12.776.395.832.500.....Thyroxine-Binding Globulin
D12.776.395.901.....Transcortin
D12.776.395.930.....Tumor Necrosis Factor-alpha
D12.776.395.970.....Vitronectin
D12.776.419.....Helminth Proteins
D12.776.419.500.....Caenorhabditis elegans Proteins
D12.776.422.....Hemeproteins



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.422.220.....Cytochromes
D12.776.422.220.175.....Cytochrome a Group
D12.776.422.220.175.249.....Cytochromes a
D12.776.422.220.175.500.....Cytochromes a1
D12.776.422.220.175.600.....Cytochromes a3
D12.776.422.220.187.....Cytochrome b Group
D12.776.422.220.187.249.....Cytochromes b
D12.776.422.220.187.500.....Cytochromes b5
D12.776.422.220.187.501.....Cytochromes b6
D12.776.422.220.286.....Cytochrome c Group
D12.776.422.220.286.100.....Cytochromes c
D12.776.422.220.286.150.....Cytochromes c'
D12.776.422.220.286.200.....Cytochromes c1
D12.776.422.220.286.300.....Cytochromes c2
D12.776.422.220.286.600.....Cytochromes c6
D12.776.422.220.300.....Cytochrome d Group
D12.776.422.220.453.....Cytochrome P-450 Enzyme System
D12.776.422.220.453.010.....Aryl Hydrocarbon Hydroxylases
D12.776.422.220.453.010.050.....Aniline Hydroxylase
D12.776.422.220.453.010.110.....Benzopyrene Hydroxylase
D12.776.422.220.453.010.332.....Cytochrome P-450 CYP1A1
D12.776.422.220.453.010.443.....Cytochrome P-450 CYP1A2
D12.776.422.220.453.010.500.....Cytochrome P-450 CYP1B1
D12.776.422.220.453.010.550.....Cytochrome P-450 CYP2B1
D12.776.422.220.453.010.575.....Cytochrome P-450 CYP2B6
D12.776.422.220.453.010.590.....Cytochrome P-450 CYP2C8
D12.776.422.220.453.010.600.....Cytochrome P-450 CYP2D6
D12.776.422.220.453.012.....Camphor 5-Monooxygenase
D12.776.422.220.453.100.....Cytochrome P450 Family 1
D12.776.422.220.453.100.500.....Cytochrome P-450 CYP1A1
D12.776.422.220.453.100.750.....Cytochrome P-450 CYP1A2
D12.776.422.220.453.100.875.....Cytochrome P-450 CYP1B1
D12.776.422.220.453.484.....Cytochrome P450 Family 11
D12.776.422.220.453.484.250.....Cholesterol Side-Chain Cleavage Enzyme
D12.776.422.220.453.484.500.....Cytochrome P-450 CYP11B2
D12.776.422.220.453.484.750.....Steroid 11-beta-Hydroxylase
D12.776.422.220.453.485.....Cytochrome P450 Family 12
D12.776.422.220.453.487.....Cytochrome P450 Family 17
D12.776.422.220.453.487.500.....Steroid 17-alpha-Hydroxylase
D12.776.422.220.453.489.....Cytochrome P450 Family 19
D12.776.422.220.453.489.500.....Aromatase

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.422.220.453.491.....Cytochrome P450 Family 2
D12.776.422.220.453.491.250.....Cytochrome P-450 CYP2A6
D12.776.422.220.453.491.313.....Cytochrome P-450 CYP2B1
D12.776.422.220.453.491.344.....Cytochrome P-450 CYP2B6
D12.776.422.220.453.491.360.....Cytochrome P-450 CYP2C8
D12.776.422.220.453.491.368.....Cytochrome P-450 CYP2D6
D12.776.422.220.453.491.375.....Cytochrome P-450 CYP2E1
D12.776.422.220.453.491.500.....Limonene Hydroxylases
D12.776.422.220.453.491.500.500.....Cytochrome P-450 CYP2C9
D12.776.422.220.453.491.500.700.....Cytochrome P-450 CYP2C19
D12.776.422.220.453.493.....Cytochrome P450 Family 21
D12.776.422.220.453.493.500.....Steroid 21-Hydroxylase
D12.776.422.220.453.496.....Cytochrome P450 Family 24
D12.776.422.220.453.496.500.....Vitamin D3 24-Hydroxylase
D12.776.422.220.453.498.....Cytochrome P450 Family 26
D12.776.422.220.453.498.500.....Retinoic Acid 4-Hydroxylase
D12.776.422.220.453.499.....Cytochrome P450 Family 27
D12.776.422.220.453.499.500.....25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D12.776.422.220.453.499.750.....Cholestanetriol 26-Monooxygenase
D12.776.422.220.453.860.....Cytochrome P450 Family 3
D12.776.422.220.453.860.500.....Cytochrome P-450 CYP3A
D12.776.422.220.453.870.....Cytochrome P450 Family 4
D12.776.422.220.453.870.500.....Cytochrome P-450 CYP4A
D12.776.422.220.453.875.....Cytochrome P450 Family 46
D12.776.422.220.453.875.500.....Cholesterol 24-Hydroxylase
D12.776.422.220.453.878.....Cytochrome P450 Family 51
D12.776.422.220.453.878.500.....Sterol 14-Demethylase
D12.776.422.220.453.880.....Cytochrome P450 Family 6
D12.776.422.220.453.890.....Cytochrome P450 Family 7
D12.776.422.220.453.890.500.....Cholesterol 7-alpha-Hydroxylase
D12.776.422.220.453.900.....Cytochrome P450 Family 8
D12.776.422.220.453.900.500.....Steroid 12-alpha-Hydroxylase
D12.776.422.220.453.915.....Steroid Hydroxylases
D12.776.422.220.453.915.025.....Cholesterol 24-Hydroxylase
D12.776.422.220.453.915.050.....Cytochrome P-450 CYP11B2
D12.776.422.220.453.915.099.....Aromatase
D12.776.422.220.453.915.150.....Cholestanetriol 26-Monooxygenase
D12.776.422.220.453.915.200.....Cholesterol 7-alpha-Hydroxylase
D12.776.422.220.453.915.212.....Cholesterol Side-Chain Cleavage Enzyme
D12.776.422.220.453.915.400.....25-Hydroxyvitamin D3 1-alpha-Hydroxylase
D12.776.422.220.453.915.730.....Steroid 12-alpha-Hydroxylase

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.422.220.453.915.737.....Steroid 16-alpha-Hydroxylase
D12.776.422.220.453.915.748.....Steroid 17-alpha-Hydroxylase
D12.776.422.220.453.915.750.....Steroid 11-beta-Hydroxylase
D12.776.422.220.453.915.760.....Steroid 21-Hydroxylase
D12.776.422.220.453.915.880.....Sterol 14-Demethylase
D12.776.422.220.726.....Cytochromes f
D12.776.422.316.....Globins
D12.776.422.316.762.....Hemoglobins
D12.776.422.316.762.149.....Carboxyhemoglobin
D12.776.422.316.762.260.....Erythrocrucorins
D12.776.422.316.762.320.....Fetal Hemoglobin
D12.776.422.316.762.380.....Hemoglobin A
D12.776.422.316.762.380.440.....Glycated Hemoglobin A
D12.776.422.316.762.380.450.....Hemoglobin A2
D12.776.422.316.762.403.....Hemoglobin Subunits
D12.776.422.316.762.403.320.....alpha-Globins
D12.776.422.316.762.403.320.500.....zeta-Globins
D12.776.422.316.762.403.325.....beta-Globins
D12.776.422.316.762.403.325.249.....delta-Globins
D12.776.422.316.762.403.325.374.....epsilon-Globins
D12.776.422.316.762.403.325.500.....gamma-Globins
D12.776.422.316.762.426.....Hemoglobins, Abnormal
D12.776.422.316.762.426.338.....Hemoglobin C
D12.776.422.316.762.426.375.....Hemoglobin E
D12.776.422.316.762.426.463.....Hemoglobin H
D12.776.422.316.762.426.480.....Hemoglobin J
D12.776.422.316.762.426.510.....Hemoglobin M
D12.776.422.316.762.426.588.....Hemoglobin, Sickle
D12.776.422.316.762.571.....Methemoglobin
D12.776.422.316.762.687.....Oxyhemoglobins
D12.776.422.316.762.865.....Sulfhemoglobin
D12.776.422.316.762.932.....Truncated Hemoglobins
D12.776.422.316.881.....Leghemoglobin
D12.776.422.316.940.....Myoglobin
D12.776.422.316.940.500.....Metmyoglobin
D12.776.422.680.....Methemalbumin
D12.776.441.....Huntingtin Protein
D12.776.460.....Immediate-Early Proteins
D12.776.460.050.....Adenovirus E1 Proteins
D12.776.460.050.100.....Adenovirus E1A Proteins
D12.776.460.050.110.....Adenovirus E1B Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.460.287.....Butyrate Response Factor 1
D12.776.460.525.....Early Growth Response Transcription Factors
D12.776.460.525.500.....Early Growth Response Protein 1
D12.776.460.525.750.....Early Growth Response Protein 2
D12.776.460.525.875.....Early Growth Response Protein 3
D12.776.460.762.....Tristetraprolin
D12.776.463.....Immobilized Proteins
D12.776.463.250.....Antibodies, Immobilized
D12.776.463.500.....Enzymes, Immobilized
D12.776.467.....Intercellular Signaling Peptides and Proteins
D12.776.467.024.....Adipokines
D12.776.467.024.249.....Adiponectin
D12.776.467.024.500.....Leptin
D12.776.467.024.750.....Resistin
D12.776.467.049.....Agouti Signaling Protein
D12.776.467.074.....Agouti-Related Protein
D12.776.467.100.....Angiogenic Proteins
D12.776.467.100.050.....Angiopoietin-like Proteins
D12.776.467.100.050.500.....Angiopoietin-like 4 Protein
D12.776.467.100.100.....Angiopoietins
D12.776.467.100.100.100.....Angiopoietin-1
D12.776.467.100.100.200.....Angiopoietin-2
D12.776.467.100.450.....Angiostatic Proteins
D12.776.467.100.450.500.....Angiostatins
D12.776.467.100.450.750.....Endostatins
D12.776.467.100.800.....Vascular Endothelial Growth Factors
D12.776.467.100.800.200.....Vascular Endothelial Growth Factor A
D12.776.467.100.800.300.....Vascular Endothelial Growth Factor B
D12.776.467.100.800.400.....Vascular Endothelial Growth Factor C
D12.776.467.100.800.500.....Vascular Endothelial Growth Factor D
D12.776.467.100.800.600.....Vascular Endothelial Growth Factor, Endocrine-Gland-Derived
D12.776.467.150.....B7 Antigens
D12.776.467.150.100.....B7-1 Antigen
D12.776.467.150.200.....B7-2 Antigen
D12.776.467.150.300.....B7-H1 Antigen
D12.776.467.150.500.....Inducible T-Cell Co-Stimulator Ligand
D12.776.467.150.800.....Programmed Cell Death 1 Ligand 2 Protein
D12.776.467.150.900.....V-Set Domain-Containing T-Cell Activation Inhibitor 1
D12.776.467.200.....CCN Intercellular Signaling Proteins
D12.776.467.200.100.....Connective Tissue Growth Factor
D12.776.467.200.200.....Cysteine-Rich Protein 61

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.200.500.....Nephroblastoma Overexpressed Protein
D12.776.467.374.....Cytokines
D12.776.467.374.200.....Chemokines
D12.776.467.374.200.070.....beta-Thromboglobulin
D12.776.467.374.200.100.....Chemokines, C
D12.776.467.374.200.110.....Chemokines, CC
D12.776.467.374.200.110.050.....Chemokine CCL1
D12.776.467.374.200.110.100.....Chemokine CCL18
D12.776.467.374.200.110.125.....Chemokine CCL26
D12.776.467.374.200.110.150.....Chemokine CCL3
D12.776.467.374.200.110.200.....Chemokine CCL4
D12.776.467.374.200.110.250.....Chemokine CCL5
D12.776.467.374.200.110.550.....Chemokine CCL11
D12.776.467.374.200.110.850.....Chemokine CCL17
D12.776.467.374.200.110.870.....Chemokine CCL19
D12.776.467.374.200.110.880.....Chemokine CCL20
D12.776.467.374.200.110.890.....Chemokine CCL21
D12.776.467.374.200.110.900.....Chemokine CCL22
D12.776.467.374.200.110.910.....Chemokine CCL24
D12.776.467.374.200.110.930.....Chemokine CCL27
D12.776.467.374.200.110.990.....Monocyte Chemoattractant Proteins
D12.776.467.374.200.110.990.600.....Chemokine CCL2
D12.776.467.374.200.110.990.800.....Chemokine CCL7
D12.776.467.374.200.110.990.900.....Chemokine CCL8
D12.776.467.374.200.120.....Chemokines, CXC
D12.776.467.374.200.120.050.....Chemokine CXCL1
D12.776.467.374.200.120.075.....Chemokine CXCL16
D12.776.467.374.200.120.100.....Chemokine CXCL2
D12.776.467.374.200.120.250.....Chemokine CXCL5
D12.776.467.374.200.120.300.....Chemokine CXCL6
D12.776.467.374.200.120.450.....Chemokine CXCL9
D12.776.467.374.200.120.500.....Chemokine CXCL10
D12.776.467.374.200.120.550.....Chemokine CXCL11
D12.776.467.374.200.120.600.....Chemokine CXCL12
D12.776.467.374.200.120.650.....Chemokine CXCL13
D12.776.467.374.200.120.800.....Interleukin-8
D12.776.467.374.200.120.900.....Platelet Factor 4
D12.776.467.374.200.130.....Chemokines, CX3C
D12.776.467.374.200.130.500.....Chemokine CX3CL1
D12.776.467.374.200.600.....Macrophage Inflammatory Proteins
D12.776.467.374.200.600.075.....Chemokine CCL18

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.374.200.600.150.....Chemokine CCL3
D12.776.467.374.200.600.200.....Chemokine CCL4
D12.776.467.374.200.600.870.....Chemokine CCL19
D12.776.467.374.200.600.880.....Chemokine CCL20
D12.776.467.374.200.600.940.....Chemokine CXCL2
D12.776.467.374.305.....Growth Differentiation Factor 15
D12.776.467.374.410.....Hematopoietic Cell Growth Factors
D12.776.467.374.410.240.....Colony-Stimulating Factors
D12.776.467.374.410.240.150.....Erythropoietin
D12.776.467.374.410.240.150.500.....Epoetin Alfa
D12.776.467.374.410.240.350.....Granulocyte Colony-Stimulating Factor
D12.776.467.374.410.240.350.500.....Filgrastim
D12.776.467.374.410.240.375.....Granulocyte-Macrophage Colony-Stimulating Factor
D12.776.467.374.410.240.400.....Interleukin-3
D12.776.467.374.410.240.500.....Macrophage Colony-Stimulating Factor
D12.776.467.374.410.240.750.....Thrombopoietin
D12.776.467.374.410.800.....Stem Cell Factor
D12.776.467.374.420.....Hepatocyte Growth Factor
D12.776.467.374.440.....Interferons
D12.776.467.374.440.890.....Interferon Type I
D12.776.467.374.440.890.250.....Interferon-alpha
D12.776.467.374.440.890.275.....Interferon-beta
D12.776.467.374.440.890.275.500.....Interferon beta-1a
D12.776.467.374.440.890.275.750.....Interferon beta-1b
D12.776.467.374.440.893.....Interferon-gamma
D12.776.467.374.460.....Interleukin 1 Receptor Antagonist Protein
D12.776.467.374.465.....Interleukins
D12.776.467.374.465.010.....Interleukin-1
D12.776.467.374.465.010.300.....Interleukin-1alpha
D12.776.467.374.465.010.600.....Interleukin-1beta
D12.776.467.374.465.021.....Interleukin-2
D12.776.467.374.465.032.....Interleukin-3
D12.776.467.374.465.178.....Interleukin-4
D12.776.467.374.465.186.....Interleukin-5
D12.776.467.374.465.202.....Interleukin-6
D12.776.467.374.465.224.....Interleukin-7
D12.776.467.374.465.246.....Interleukin-8
D12.776.467.374.465.312.....Interleukin-9
D12.776.467.374.465.510.....Interleukin-10
D12.776.467.374.465.511.....Interleukin-11
D12.776.467.374.465.512.....Interleukin-12

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.374.465.512.249.....Interleukin-12 Subunit p35
D12.776.467.374.465.512.500.....Interleukin-12 Subunit p40
D12.776.467.374.465.513.....Interleukin-13
D12.776.467.374.465.515.....Interleukin-15
D12.776.467.374.465.516.....Interleukin-16
D12.776.467.374.465.517.....Interleukin-17
D12.776.467.374.465.518.....Interleukin-18
D12.776.467.374.465.759.....Interleukin-23
D12.776.467.374.465.759.249.....Interleukin-12 Subunit p40
D12.776.467.374.465.759.500.....Interleukin-23 Subunit p19
D12.776.467.374.465.800.....Interleukin-27
D12.776.467.374.465.850.....Interleukin-33
D12.776.467.374.470.....Leukemia Inhibitory Factor
D12.776.467.374.480.....Lymphokines
D12.776.467.374.480.372.....Interleukin-2
D12.776.467.374.480.428.....Leukocyte Migration-Inhibitory Factors
D12.776.467.374.480.438.....Lymphotoxin-alpha
D12.776.467.374.480.615.....Macrophage-Activating Factors
D12.776.467.374.480.615.350.....Interferon-gamma
D12.776.467.374.480.625.....Macrophage Migration-Inhibitory Factors
D12.776.467.374.480.700.....Suppressor Factors, Immunologic
D12.776.467.374.480.750.....Transfer Factor
D12.776.467.374.500.....Monokines
D12.776.467.374.500.400.....Interleukin-1
D12.776.467.374.500.400.300.....Interleukin-1alpha
D12.776.467.374.500.400.600.....Interleukin-1beta
D12.776.467.374.500.800.....Tumor Necrosis Factor-alpha
D12.776.467.374.562.....Oncostatin M
D12.776.467.374.625.....Osteopontin
D12.776.467.374.687.....Transforming Growth Factor beta
D12.776.467.374.687.100.....Transforming Growth Factor beta1
D12.776.467.374.687.200.....Transforming Growth Factor beta2
D12.776.467.374.687.300.....Transforming Growth Factor beta3
D12.776.467.374.750.....Tumor Necrosis Factors
D12.776.467.374.750.030.....CD27 Ligand
D12.776.467.374.750.061.....B-Cell Activating Factor
D12.776.467.374.750.065.....4-1BB Ligand
D12.776.467.374.750.092.....CD30 Ligand
D12.776.467.374.750.124.....CD40 Ligand
D12.776.467.374.750.155.....Cytokine TWEAK
D12.776.467.374.750.186.....Ectodysplasins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.374.750.249.....Fas Ligand Protein
D12.776.467.374.750.500.....Lymphotoxin-alpha
D12.776.467.374.750.505.....Lymphotoxin alpha1, beta2 Heterotrimer
D12.776.467.374.750.515.....Lymphotoxin-beta
D12.776.467.374.750.531.....OX40 Ligand
D12.776.467.374.750.562.....RANK Ligand
D12.776.467.374.750.625.....TNF-Related Apoptosis-Inducing Ligand
D12.776.467.374.750.626.....Tumor Necrosis Factor-alpha
D12.776.467.374.750.656.....Tumor Necrosis Factor Ligand Superfamily Member 13
D12.776.467.374.750.690.....Tumor Necrosis Factor Ligand Superfamily Member 14
D12.776.467.374.750.710.....Tumor Necrosis Factor Ligand Superfamily Member 15
D12.776.467.382.....EGF Family of Proteins
D12.776.467.382.249.....Amphiregulin
D12.776.467.382.374.....Betacellulin
D12.776.467.382.500.....Epidermal Growth Factor
D12.776.467.382.531.....Epigen
D12.776.467.382.562.....Epiregulin
D12.776.467.382.625.....Heparin-binding EGF-like Growth Factor
D12.776.467.382.750.....Transforming Growth Factor alpha
D12.776.467.390.....Endothelial Growth Factors
D12.776.467.400.....Endothelins
D12.776.467.400.225.....Endothelin-1
D12.776.467.400.235.....Endothelin-2
D12.776.467.400.245.....Endothelin-3
D12.776.467.500.....Ephrins
D12.776.467.500.100.....Ephrin-A1
D12.776.467.500.200.....Ephrin-A2
D12.776.467.500.300.....Ephrin-A3
D12.776.467.500.400.....Ephrin-A4
D12.776.467.500.500.....Ephrin-A5
D12.776.467.500.600.....Ephrin-B1
D12.776.467.500.700.....Ephrin-B2
D12.776.467.500.800.....Ephrin-B3
D12.776.467.624.....Fibroblast Growth Factors
D12.776.467.624.110.....Fibroblast Growth Factor 1
D12.776.467.624.120.....Fibroblast Growth Factor 2
D12.776.467.624.130.....Fibroblast Growth Factor 3
D12.776.467.624.140.....Fibroblast Growth Factor 4
D12.776.467.624.150.....Fibroblast Growth Factor 5
D12.776.467.624.160.....Fibroblast Growth Factor 6
D12.776.467.624.170.....Fibroblast Growth Factor 7



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.624.180.....Fibroblast Growth Factor 8
D12.776.467.624.190.....Fibroblast Growth Factor 9
D12.776.467.624.200.....Fibroblast Growth Factor 10
D12.776.467.671.....Hedgehog Proteins
D12.776.467.812.....Kinins
D12.776.467.812.169.....Bradykinin
D12.776.467.812.169.400.....Kallidin
D12.776.467.812.654.....Kininogens
D12.776.467.812.654.350.....Kininogen, High-Molecular-Weight
D12.776.467.812.654.400.....Kininogen, Low-Molecular-Weight
D12.776.467.812.900.....Tachykinins
D12.776.467.812.900.354.....Eledoisin
D12.776.467.812.900.475.....Kassinin
D12.776.467.812.900.500.....Neurokinin A
D12.776.467.812.900.550.....Neurokinin B
D12.776.467.812.900.800.....Physalaemin
D12.776.467.812.900.866.....Substance P
D12.776.467.836.....Matrix Metalloproteinases, Secreted
D12.776.467.836.049.....Bone Morphogenetic Protein 1
D12.776.467.836.100.....Matrix Metalloproteinase 1
D12.776.467.836.150.....Matrix Metalloproteinase 2
D12.776.467.836.200.....Matrix Metalloproteinase 3
D12.776.467.836.250.....Matrix Metalloproteinase 7
D12.776.467.836.300.....Matrix Metalloproteinase 8
D12.776.467.836.350.....Matrix Metalloproteinase 9
D12.776.467.836.400.....Matrix Metalloproteinase 10
D12.776.467.836.450.....Matrix Metalloproteinase 11
D12.776.467.836.500.....Matrix Metalloproteinase 12
D12.776.467.836.550.....Matrix Metalloproteinase 13
D12.776.467.836.800.....Matrix Metalloproteinase 20
D12.776.467.860.....Nerve Growth Factors
D12.776.467.860.100.....Brain-Derived Neurotrophic Factor
D12.776.467.860.212.....Ciliary Neurotrophic Factor
D12.776.467.860.325.....Glia Maturation Factor
D12.776.467.860.381.....Glial Cell Line-Derived Neurotrophic Factors
D12.776.467.860.381.500.....Glial Cell Line-Derived Neurotrophic Factor
D12.776.467.860.381.750.....Neurturin
D12.776.467.860.437.....Nerve Growth Factor
D12.776.467.860.494.....Netrins
D12.776.467.860.494.500.....Netrin-1
D12.776.467.860.550.....Neuregulins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.860.550.750.....Neuregulin-1
D12.776.467.860.775.....Neurotrophin 3
D12.776.467.860.887.....Pituitary Adenylate Cyclase-Activating Polypeptide
D12.776.467.890.....Parathyroid Hormone-Related Protein
D12.776.467.910.....Platelet-Derived Growth Factor
D12.776.467.910.650.....Proto-Oncogene Proteins c-sis
D12.776.467.923.....Semaphorins
D12.776.467.923.374.....Semaphorin-3A
D12.776.467.937.....Somatomedins
D12.776.467.937.400.....Insulin-Like Growth Factor I
D12.776.467.937.420.....Insulin-Like Growth Factor II
D12.776.467.942.....TGF-beta Superfamily Proteins
D12.776.467.942.200.....Bone Morphogenetic Proteins
D12.776.467.942.200.100.....Bone Morphogenetic Protein 1
D12.776.467.942.200.200.....Bone Morphogenetic Protein 2
D12.776.467.942.200.300.....Bone Morphogenetic Protein 3
D12.776.467.942.200.400.....Bone Morphogenetic Protein 4
D12.776.467.942.200.500.....Bone Morphogenetic Protein 5
D12.776.467.942.200.600.....Bone Morphogenetic Protein 6
D12.776.467.942.200.700.....Bone Morphogenetic Protein 7
D12.776.467.942.200.900.....Bone Morphogenetic Protein 15
D12.776.467.942.200.910.....Growth Differentiation Factor 2
D12.776.467.942.200.950.....Growth Differentiation Factor 10
D12.776.467.942.300.....Growth Differentiation Factors
D12.776.467.942.300.049.....Bone Morphogenetic Protein 15
D12.776.467.942.300.100.....Growth Differentiation Factor 1
D12.776.467.942.300.200.....Growth Differentiation Factor 2
D12.776.467.942.300.300.....Growth Differentiation Factor 3
D12.776.467.942.300.500.....Growth Differentiation Factor 5
D12.776.467.942.300.600.....Growth Differentiation Factor 6
D12.776.467.942.300.800.....Growth Differentiation Factor 9
D12.776.467.942.300.900.....Growth Differentiation Factor 10
D12.776.467.942.300.915.....Growth Differentiation Factor 15
D12.776.467.942.300.925.....Myostatin
D12.776.467.942.550.....Nodal Signaling Ligands
D12.776.467.942.550.100.....Growth Differentiation Factor 1
D12.776.467.942.550.300.....Growth Differentiation Factor 3
D12.776.467.942.550.475.....Left-Right Determination Factors
D12.776.467.942.550.650.....Nodal Protein
D12.776.467.942.775.....Transforming Growth Factor beta
D12.776.467.942.775.100.....Transforming Growth Factor beta1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.467.942.775.200.....Transforming Growth Factor beta2
D12.776.467.942.775.300.....Transforming Growth Factor beta3
D12.776.467.948.....Tolloid-Like Metalloproteinases
D12.776.467.948.500.....Bone Morphogenetic Protein 1
D12.776.467.960.....Transforming Growth Factors
D12.776.467.960.360.....Transforming Growth Factor alpha
D12.776.467.984.....Wnt Proteins
D12.776.467.984.050.....Wnt-5a Protein
D12.776.467.984.100.....Wnt1 Protein
D12.776.467.984.200.....Wnt2 Protein
D12.776.467.984.300.....Wnt3 Protein
D12.776.467.984.350.....Wnt3A Protein
D12.776.467.984.400.....Wnt4 Protein
D12.776.476.....Intracellular Signaling Peptides and Proteins
D12.776.476.008.....3',5'-Cyclic-AMP Phosphodiesterases
D12.776.476.008.100.....Cyclic Nucleotide Phosphodiesterases, Type 1
D12.776.476.008.200.....Cyclic Nucleotide Phosphodiesterases, Type 2
D12.776.476.008.300.....Cyclic Nucleotide Phosphodiesterases, Type 3
D12.776.476.008.400.....Cyclic Nucleotide Phosphodiesterases, Type 4
D12.776.476.008.500.....Cyclic Nucleotide Phosphodiesterases, Type 5
D12.776.476.008.600.....Cyclic Nucleotide Phosphodiesterases, Type 6
D12.776.476.008.700.....Cyclic Nucleotide Phosphodiesterases, Type 7
D12.776.476.009.....3',5'-Cyclic-GMP Phosphodiesterases
D12.776.476.009.100.....Cyclic Nucleotide Phosphodiesterases, Type 1
D12.776.476.009.200.....Cyclic Nucleotide Phosphodiesterases, Type 2
D12.776.476.009.500.....Cyclic Nucleotide Phosphodiesterases, Type 5
D12.776.476.009.750.....Cyclic Nucleotide Phosphodiesterases, Type 6
D12.776.476.011.....Activating Transcription Factor 6
D12.776.476.024.....Adaptor Proteins, Signal Transducing
D12.776.476.024.034.....5-Lipoxygenase-Activating Proteins
D12.776.476.024.050.....14-3-3 Proteins
D12.776.476.024.069.....A Kinase Anchor Proteins
D12.776.476.024.104.....Arrestins
D12.776.476.024.104.050.....Arrestin
D12.776.476.024.104.525.....beta-Arrestins
D12.776.476.024.104.525.500.....beta-Arrestin 1
D12.776.476.024.104.525.750.....beta-Arrestin 2
D12.776.476.024.139.....CARD Signaling Adaptor Proteins
D12.776.476.024.139.124.....Apoptotic Protease-Activating Factor 1
D12.776.476.024.139.140.....B-Cell CLL-Lymphoma 10 Protein
D12.776.476.024.139.155.....Caspase 9

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.024.139.186.....CRADD Signaling Adaptor Protein
D12.776.476.024.139.249.....Nod1 Signaling Adaptor Protein
D12.776.476.024.139.500.....Nod2 Signaling Adaptor Protein
D12.776.476.024.139.750.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.776.476.024.280.....Caveolin 1
D12.776.476.024.295.....Caveolin 2
D12.776.476.024.311.....Cortactin
D12.776.476.024.316.....Crk-Associated Substrate Protein
D12.776.476.024.320.....Death Domain Receptor Signaling Adaptor Proteins
D12.776.476.024.320.025.....Caspase 8
D12.776.476.024.320.050.....CRADD Signaling Adaptor Protein
D12.776.476.024.320.100.....Edar-Associated Death Domain Protein
D12.776.476.024.320.550.....Fas-Associated Death Domain Protein
D12.776.476.024.320.662.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.776.476.024.320.775.....TNF Receptor-Associated Death Domain Protein
D12.776.476.024.325.....Discs Large Homolog 1 Protein
D12.776.476.024.330.....Dishevelled Proteins
D12.776.476.024.377.....GRB2 Adaptor Protein
D12.776.476.024.379.....GRB7 Adaptor Protein
D12.776.476.024.380.....GRB10 Adaptor Protein
D12.776.476.024.381.....Homer Scaffolding Proteins
D12.776.476.024.382.....Insulin Receptor Substrate Proteins
D12.776.476.024.385.....Interferon Regulatory Factors
D12.776.476.024.385.124.....Interferon Regulatory Factor-1
D12.776.476.024.385.249.....Interferon Regulatory Factor-2
D12.776.476.024.385.374.....Interferon Regulatory Factor-3
D12.776.476.024.385.437.....Interferon Regulatory Factor-7
D12.776.476.024.385.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.476.024.386.....Interferon-Stimulated Gene Factor 3
D12.776.476.024.386.500.....Interferon-Stimulated Gene Factor 3, alpha Subunit
D12.776.476.024.386.500.500.....STAT1 Transcription Factor
D12.776.476.024.386.500.750.....STAT2 Transcription Factor
D12.776.476.024.386.750.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.476.024.387.....Kelch-Like ECH-Associated Protein 1
D12.776.476.024.388.....Mediator Complex
D12.776.476.024.388.249.....Cyclin C
D12.776.476.024.388.500.....Cyclin-Dependent Kinase 8
D12.776.476.024.388.750.....Mediator Complex Subunit 1
D12.776.476.024.389.....MTOR Associated Protein, LST8 Homolog
D12.776.476.024.390.....Myeloid Differentiation Factor 88
D12.776.476.024.391.....Nod Signaling Adaptor Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.024.391.249.....Nod1 Signaling Adaptor Protein
D12.776.476.024.391.500.....Nod2 Signaling Adaptor Protein
D12.776.476.024.394.....Nuclear Receptor Coactivators
D12.776.476.024.394.049.....Mediator Complex Subunit 1
D12.776.476.024.394.100.....Nuclear Receptor Coactivator 1
D12.776.476.024.394.200.....Nuclear Receptor Coactivator 2
D12.776.476.024.394.300.....Nuclear Receptor Coactivator 3
D12.776.476.024.394.650.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.476.024.397.....Paxillin
D12.776.476.024.400.....PII Nitrogen Regulatory Proteins
D12.776.476.024.402.....Protein Inhibitors of Activated STAT
D12.776.476.024.404.....Proto-Oncogene Proteins c-crk
D12.776.476.024.407.....Proto-Oncogene Proteins c-vav
D12.776.476.024.411.....Rapamycin-Insensitive Companion of mTOR Protein
D12.776.476.024.414.....Receptor Activity-Modifying Proteins
D12.776.476.024.414.100.....Receptor Activity-Modifying Protein 1
D12.776.476.024.414.200.....Receptor Activity-Modifying Protein 2
D12.776.476.024.414.300.....Receptor Activity-Modifying Protein 3
D12.776.476.024.419.....Regulatory-Associated Protein of mTOR
D12.776.476.024.420.....Retinoblastoma Binding Proteins
D12.776.476.024.420.049.....E2F1 Transcription Factor
D12.776.476.024.420.100.....Retinoblastoma-Binding Protein 1
D12.776.476.024.420.200.....Retinoblastoma-Binding Protein 2
D12.776.476.024.420.600.....Retinoblastoma-Binding Protein 4
D12.776.476.024.420.700.....Retinoblastoma-Binding Protein 7
D12.776.476.024.422.....Sequestosome-1 Protein
D12.776.476.024.424.....Shc Signaling Adaptor Proteins
D12.776.476.024.424.500.....Src Homology 2 Domain-Containing, Transforming Protein 1
D12.776.476.024.424.750.....Src Homology 2 Domain-Containing, Transforming Protein 2
D12.776.476.024.424.875.....Src Homology 2 Domain-Containing, Transforming Protein 3
D12.776.476.024.426.....Signaling Lymphocytic Activation Molecule Associated Protein
D12.776.476.024.428.....Smad Proteins
D12.776.476.024.428.249.....Smad Proteins, Inhibitory
D12.776.476.024.428.249.600.....Smad6 Protein
D12.776.476.024.428.249.700.....Smad7 Protein
D12.776.476.024.428.500.....Smad Proteins, Receptor-Regulated
D12.776.476.024.428.500.100.....Smad1 Protein
D12.776.476.024.428.500.200.....Smad2 Protein
D12.776.476.024.428.500.300.....Smad3 Protein
D12.776.476.024.428.500.500.....Smad5 Protein
D12.776.476.024.428.500.800.....Smad8 Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.024.428.750.....Smad4 Protein
D12.776.476.024.430.....STAT Transcription Factors
D12.776.476.024.430.100.....STAT1 Transcription Factor
D12.776.476.024.430.200.....STAT2 Transcription Factor
D12.776.476.024.430.300.....STAT3 Transcription Factor
D12.776.476.024.430.400.....STAT4 Transcription Factor
D12.776.476.024.430.500.....STAT5 Transcription Factor
D12.776.476.024.430.600.....STAT6 Transcription Factor
D12.776.476.024.437.....Suppressor of Cytokine Signaling Proteins
D12.776.476.024.437.500.....Suppressor of Cytokine Signaling 1 Protein
D12.776.476.024.437.750.....Suppressor of Cytokine Signaling 3 Protein
D12.776.476.024.468.....Syntenins
D12.776.476.024.500.....Tumor Necrosis Factor Receptor-Associated Peptides and Proteins
D12.776.476.024.500.050.....CRADD Signaling Adaptor Protein
D12.776.476.024.500.061.....Edar-Associated Death Domain Protein
D12.776.476.024.500.124.....Fas-Associated Death Domain Protein
D12.776.476.024.500.186.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.776.476.024.500.186.500.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.776.476.024.500.249.....TNF Receptor-Associated Death Domain Protein
D12.776.476.024.500.500.....TNF Receptor-Associated Factor 1
D12.776.476.024.500.750.....TNF Receptor-Associated Factor 2
D12.776.476.024.500.875.....TNF Receptor-Associated Factor 3
D12.776.476.024.500.906.....TNF Receptor-Associated Factor 4
D12.776.476.024.500.937.....TNF Receptor-Associated Factor 5
D12.776.476.024.500.968.....TNF Receptor-Associated Factor 6
D12.776.476.050.....Adenylyl Cyclases
D12.776.476.062.....AMP-Activated Protein Kinases
D12.776.476.075.....Apoptosis Regulatory Proteins
D12.776.476.075.311.....Apoptosis Inducing Factor
D12.776.476.075.323.....Bcl-2-Like Protein 11
D12.776.476.075.335.....Beclin-1
D12.776.476.075.358.....CARD Signaling Adaptor Proteins
D12.776.476.075.358.124.....Apoptotic Protease-Activating Factor 1
D12.776.476.075.358.140.....B-Cell CLL-Lymphoma 10 Protein
D12.776.476.075.358.155.....Caspase 9
D12.776.476.075.358.186.....CRADD Signaling Adaptor Protein
D12.776.476.075.358.249.....Nod1 Signaling Adaptor Protein
D12.776.476.075.358.500.....Nod2 Signaling Adaptor Protein
D12.776.476.075.358.750.....Receptor-Interacting Protein Serine-Threonine Kinase 2
D12.776.476.075.405.....Caspases
D12.776.476.075.405.350.....Caspases, Effector

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.075.405.350.300.....Caspase 3
D12.776.476.075.405.350.600.....Caspase 6
D12.776.476.075.405.350.700.....Caspase 7
D12.776.476.075.405.350.900.....Caspase 14
D12.776.476.075.405.550.....Caspases, Initiator
D12.776.476.075.405.550.100.....Caspase 1
D12.776.476.075.405.550.200.....Caspase 2
D12.776.476.075.405.550.800.....Caspase 8
D12.776.476.075.405.550.900.....Caspase 9
D12.776.476.075.405.550.910.....Caspase 10
D12.776.476.075.405.550.920.....Caspase 12
D12.776.476.075.413.....DCC Receptor
D12.776.476.075.421.....Death Domain Receptor Signaling Adaptor Proteins
D12.776.476.075.421.024.....CASP8 and FADD-Like Apoptosis Regulating Protein
D12.776.476.075.421.037.....Caspase 8
D12.776.476.075.421.050.....CRADD Signaling Adaptor Protein
D12.776.476.075.421.100.....Edar-Associated Death Domain Protein
D12.776.476.075.421.200.....Fas-Associated Death Domain Protein
D12.776.476.075.421.400.....Receptor-Interacting Protein Serine-Threonine Kinases
D12.776.476.075.421.600.....TNF Receptor-Associated Death Domain Protein
D12.776.476.075.429.....High-Temperature Requirement A Serine Peptidase 2
D12.776.476.075.437.....Inhibitor of Apoptosis Proteins
D12.776.476.075.437.250.....Baculoviral IAP Repeat-Containing 3 Protein
D12.776.476.075.437.500.....Neuronal Apoptosis-Inhibitory Protein
D12.776.476.075.437.750.....X-Linked Inhibitor of Apoptosis Protein
D12.776.476.075.718.....Proto-Oncogene Proteins c-bcl-2
D12.776.476.075.718.100.....bcl-Associated Death Protein
D12.776.476.075.718.400.....bcl-2-Associated X Protein
D12.776.476.075.718.425.....bcl-2 Homologous Antagonist-Killer Protein
D12.776.476.075.718.875.....bcl-X Protein
D12.776.476.075.718.937.....BH3 Interacting Domain Death Agonist Protein
D12.776.476.075.718.968.....Myeloid Cell Leukemia Sequence 1 Protein
D12.776.476.078.....Autophagy-Related Protein-1 Homolog
D12.776.476.081.....Axin Signaling Complex
D12.776.476.081.249.....Adenomatous Polyposis Coli Protein
D12.776.476.081.500.....Axin Protein
D12.776.476.081.750.....Casein Kinase I
D12.776.476.081.750.100.....Casein Kinase Ialpha
D12.776.476.081.750.200.....Casein Kinase Idelta
D12.776.476.081.750.300.....Casein Kinase Iepsilon
D12.776.476.081.875.....Glycogen Synthase Kinase 3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.081.875.500.....Glycogen Synthase Kinase 3 beta
D12.776.476.087.....Calcineurin
D12.776.476.100.....Calcium-Calmodulin-Dependent Protein Kinases
D12.776.476.100.049.....Calcium-Calmodulin-Dependent Protein Kinase Kinase
D12.776.476.100.100.....Calcium-Calmodulin-Dependent Protein Kinase Type 1
D12.776.476.100.200.....Calcium-Calmodulin-Dependent Protein Kinase Type 2
D12.776.476.100.350.....Calcium-Calmodulin-Dependent Protein Kinase Type 4
D12.776.476.100.387.....Death-Associated Protein Kinases
D12.776.476.100.425.....Elongation Factor 2 Kinase
D12.776.476.100.500.....Myosin-Light-Chain Kinase
D12.776.476.150.....Casein Kinases
D12.776.476.150.299.....Casein Kinase I
D12.776.476.150.299.100.....Casein Kinase Ialpha
D12.776.476.150.299.200.....Casein Kinase Idelta
D12.776.476.150.299.300.....Casein Kinase Iepsilon
D12.776.476.150.600.....Casein Kinase II
D12.776.476.162.....Class I Phosphatidylinositol 3-Kinases
D12.776.476.162.100.....Class Ia Phosphatidylinositol 3-Kinase
D12.776.476.162.200.....Class Ib Phosphatidylinositol 3-Kinase
D12.776.476.168.....Class II Phosphatidylinositol 3-Kinases
D12.776.476.171.....Class III Phosphatidylinositol 3-Kinases
D12.776.476.171.500.....Vacuolar Sorting Protein VPS15
D12.776.476.175.....Cold Shock Proteins and Peptides
D12.776.476.200.....Cyclic Nucleotide-Regulated Protein Kinases
D12.776.476.200.125.....Cyclic AMP-Dependent Protein Kinases
D12.776.476.200.125.750.....Cyclic AMP-Dependent Protein Kinase Type I
D12.776.476.200.125.750.124.....Cyclic AMP-Dependent Protein Kinase RIalpha Subunit
D12.776.476.200.125.750.249.....Cyclic AMP-Dependent Protein Kinase RIbeta Subunit
D12.776.476.200.125.750.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D12.776.476.200.125.875.....Cyclic AMP-Dependent Protein Kinase Type II
D12.776.476.200.125.875.500.....Cyclic AMP-Dependent Protein Kinase Catalytic Subunits
D12.776.476.200.125.875.750.....Cyclic AMP-Dependent Protein Kinase RIalpha Subunit
D12.776.476.200.125.875.875.....Cyclic AMP-Dependent Protein Kinase RIbeta Subunit
D12.776.476.200.150.....Cyclic GMP-Dependent Protein Kinases
D12.776.476.200.150.500.....Cyclic GMP-Dependent Protein Kinase Type I
D12.776.476.200.150.750.....Cyclic GMP-Dependent Protein Kinase Type II
D12.776.476.200.575.....Protamine Kinase
D12.776.476.225.....Cyclin-Dependent Kinase Inhibitor Proteins
D12.776.476.225.100.....Cyclin-Dependent Kinase Inhibitor p15
D12.776.476.225.200.....Cyclin-Dependent Kinase Inhibitor p16
D12.776.476.225.300.....Cyclin-Dependent Kinase Inhibitor p18



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.225.400.....Cyclin-Dependent Kinase Inhibitor p19
D12.776.476.225.500.....Cyclin-Dependent Kinase Inhibitor p21
D12.776.476.225.600.....Cyclin-Dependent Kinase Inhibitor p27
D12.776.476.225.700.....Cyclin-Dependent Kinase Inhibitor p57
D12.776.476.250.....Cyclin-Dependent Kinases
D12.776.476.250.067.....CDC2-CDC28 Kinases
D12.776.476.250.067.249.....CDC2 Protein Kinase
D12.776.476.250.067.500.....CDC28 Protein Kinase, <i>S cerevisiae</i>
D12.776.476.250.067.875.....Cyclin-Dependent Kinase 5
D12.776.476.250.067.900.....Cyclin-Dependent Kinase 9
D12.776.476.250.323.....Cyclin-Dependent Kinase 2
D12.776.476.250.387.....Cyclin-Dependent Kinase 3
D12.776.476.250.451.....Cyclin-Dependent Kinase 4
D12.776.476.250.515.....Cyclin-Dependent Kinase 6
D12.776.476.250.548.....Cyclin-Dependent Kinase 8
D12.776.476.250.580.....Maturation-Promoting Factor
D12.776.476.250.580.500.....CDC2 Protein Kinase
D12.776.476.262.....Cyclins
D12.776.476.262.100.....Cyclin A
D12.776.476.262.100.100.....Cyclin A1
D12.776.476.262.100.200.....Cyclin A2
D12.776.476.262.120.....Cyclin B
D12.776.476.262.120.100.....Cyclin B1
D12.776.476.262.120.200.....Cyclin B2
D12.776.476.262.135.....Cyclin C
D12.776.476.262.150.....Cyclin D
D12.776.476.262.150.100.....Cyclin D1
D12.776.476.262.150.200.....Cyclin D2
D12.776.476.262.150.300.....Cyclin D3
D12.776.476.262.180.....Cyclin E
D12.776.476.262.200.....Cyclin G
D12.776.476.262.200.100.....Cyclin G1
D12.776.476.262.200.200.....Cyclin G2
D12.776.476.262.300.....Cyclin H
D12.776.476.262.400.....Cyclin I
D12.776.476.262.700.....Cyclin T
D12.776.476.265.....Disks Large Homolog 4 Protein
D12.776.476.268.....Dual-Specificity Phosphatases
D12.776.476.268.100.....cdc25 Phosphatases
D12.776.476.268.200.....Dual Specificity Phosphatase 1
D12.776.476.268.250.....Dual Specificity Phosphatase 2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.268.300.....Dual Specificity Phosphatase 3
D12.776.476.268.600.....Dual Specificity Phosphatase 6
D12.776.476.275.....eIF-2 Kinase
D12.776.476.287.....Focal Adhesion Protein-Tyrosine Kinases
D12.776.476.293.....G-Protein-Coupled Receptor Kinases
D12.776.476.293.249.....beta-Adrenergic Receptor Kinases
D12.776.476.293.249.200.....G-Protein-Coupled Receptor Kinase 2
D12.776.476.293.249.300.....G-Protein-Coupled Receptor Kinase 3
D12.776.476.293.500.....G-Protein-Coupled Receptor Kinase 1
D12.776.476.293.750.....G-Protein-Coupled Receptor Kinase 4
D12.776.476.293.875.....G-Protein-Coupled Receptor Kinase 5
D12.776.476.300.....Glycogen Synthase Kinases
D12.776.476.300.500.....Glycogen Synthase Kinase 3
D12.776.476.300.500.500.....Glycogen Synthase Kinase 3 beta
D12.776.476.325.....GTP-Binding Protein Regulators
D12.776.476.325.150.....GTPase-Activating Proteins
D12.776.476.325.150.100.....Chimerin Proteins
D12.776.476.325.150.100.200.....Chimerin 1
D12.776.476.325.150.300.....Eukaryotic Initiation Factor-5
D12.776.476.325.150.500.....ras GTPase-Activating Proteins
D12.776.476.325.150.500.460.....Neurofibromin 1
D12.776.476.325.150.500.500.....p120 GTPase Activating Protein
D12.776.476.325.150.750.....RGS Proteins
D12.776.476.325.225.....Guanine Nucleotide Dissociation Inhibitors
D12.776.476.325.225.500.....rho-Specific Guanine Nucleotide Dissociation Inhibitors
D12.776.476.325.225.500.100.....rho Guanine Nucleotide Dissociation Inhibitor alpha
D12.776.476.325.225.500.200.....rho Guanine Nucleotide Dissociation Inhibitor beta
D12.776.476.325.225.500.300.....rho Guanine Nucleotide Dissociation Inhibitor gamma
D12.776.476.325.300.....Guanine Nucleotide Exchange Factors
D12.776.476.325.300.050.....Eukaryotic Initiation Factor-2B
D12.776.476.325.300.099.....Rho Guanine Nucleotide Exchange Factors
D12.776.476.325.300.099.500.....Proto-Oncogene Proteins c-bcr
D12.776.476.325.300.099.750.....Proto-Oncogene Proteins c-vav
D12.776.476.325.300.300.....Guanine Nucleotide-Releasing Factor 2
D12.776.476.325.300.600.....ral Guanine Nucleotide Exchange Factor
D12.776.476.325.300.700.....ras Guanine Nucleotide Exchange Factors
D12.776.476.325.300.700.500.....ras-GRF1
D12.776.476.325.300.700.700.....Son of Sevenless Proteins
D12.776.476.325.300.700.700.600.....Son of Sevenless Protein, Drosophila
D12.776.476.325.300.700.700.630.....SOS1 Protein
D12.776.476.325.300.850.....T-Lymphoma Invasion and Metastasis-inducing Protein 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.350.....Guanylate Cyclase
D12.776.476.350.500.....Soluble Guanylyl Cyclase
D12.776.476.375.....Heterotrimeric GTP-Binding Proteins
D12.776.476.375.100.....GTP-Binding Protein alpha Subunits
D12.776.476.375.100.100.....GTP-Binding Protein alpha Subunits, G12-G13
D12.776.476.375.100.200.....GTP-Binding Protein alpha Subunits, Gi-Go
D12.776.476.375.100.200.500.....GTP-Binding Protein alpha Subunit, Gi2
D12.776.476.375.100.300.....GTP-Binding Protein alpha Subunits, Gq-G11
D12.776.476.375.100.400.....GTP-Binding Protein alpha Subunits, Gs
D12.776.476.375.520.....GTP-Binding Protein beta Subunits
D12.776.476.375.730.....GTP-Binding Protein gamma Subunits
D12.776.476.375.940.....Transducin
D12.776.476.378.....I-kappa B Kinase
D12.776.476.381.....I-kappa B Proteins
D12.776.476.381.500.....NF-KappaB Inhibitor alpha
D12.776.476.383.....Inhibitor of Growth Protein 1
D12.776.476.384.....Interleukin-1 Receptor-Associated Kinases
D12.776.476.387.....Intracellular Calcium-Sensing Proteins
D12.776.476.387.249.....Calmodulin
D12.776.476.387.311.....Calnexin
D12.776.476.387.374.....Calreticulin
D12.776.476.387.437.....Gelsolin
D12.776.476.387.500.....Neuronal Calcium-Sensor Proteins
D12.776.476.387.500.124.....Guanylate Cyclase-Activating Proteins
D12.776.476.387.500.249.....Hippocalcin
D12.776.476.387.500.374.....Kv Channel-Interacting Proteins
D12.776.476.387.500.500.....Neurocalcin
D12.776.476.387.500.750.....Recoverin
D12.776.476.393.....Janus Kinases
D12.776.476.393.100.....Janus Kinase 1
D12.776.476.393.200.....Janus Kinase 2
D12.776.476.393.300.....Janus Kinase 3
D12.776.476.393.650.....TYK2 Kinase
D12.776.476.396.....Lim Kinases
D12.776.476.400.....MAP Kinase Kinase Kinases
D12.776.476.400.100.....MAP Kinase Kinase Kinase 1
D12.776.476.400.200.....MAP Kinase Kinase Kinase 2
D12.776.476.400.300.....MAP Kinase Kinase Kinase 3
D12.776.476.400.400.....MAP Kinase Kinase Kinase 4
D12.776.476.400.500.....MAP Kinase Kinase Kinase 5
D12.776.476.400.800.....Proto-Oncogene Proteins c-mos

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.400.842.....raf Kinases
D12.776.476.400.842.249.....Oncogene Proteins v-raf
D12.776.476.400.842.374.....Proto-Oncogene Proteins A-raf
D12.776.476.400.842.437.....Proto-Oncogene Proteins B-raf
D12.776.476.400.842.500.....Proto-Oncogene Proteins c-raf
D12.776.476.420.....Methyl-Accepting Chemotaxis Proteins
D12.776.476.440.....Mitogen-Activated Protein Kinase Kinases
D12.776.476.440.100.....MAP Kinase Kinase 1
D12.776.476.440.200.....MAP Kinase Kinase 2
D12.776.476.440.300.....MAP Kinase Kinase 3
D12.776.476.440.400.....MAP Kinase Kinase 4
D12.776.476.440.500.....MAP Kinase Kinase 5
D12.776.476.440.600.....MAP Kinase Kinase 6
D12.776.476.440.700.....MAP Kinase Kinase 7
D12.776.476.445.....Mitogen-Activated Protein Kinase Phosphatases
D12.776.476.445.200.....Dual Specificity Phosphatase 1
D12.776.476.445.250.....Dual Specificity Phosphatase 2
D12.776.476.445.300.....Dual Specificity Phosphatase 3
D12.776.476.445.600.....Dual Specificity Phosphatase 6
D12.776.476.450.....Mitogen-Activated Protein Kinases
D12.776.476.450.169.....Extracellular Signal-Regulated MAP Kinases
D12.776.476.450.169.500.....Mitogen-Activated Protein Kinase 1
D12.776.476.450.169.750.....Mitogen-Activated Protein Kinase 3
D12.776.476.450.169.875.....Mitogen-Activated Protein Kinase 6
D12.776.476.450.169.937.....Mitogen-Activated Protein Kinase 7
D12.776.476.450.340.....JNK Mitogen-Activated Protein Kinases
D12.776.476.450.340.500.....Mitogen-Activated Protein Kinase 8
D12.776.476.450.340.750.....Mitogen-Activated Protein Kinase 9
D12.776.476.450.340.800.....Mitogen-Activated Protein Kinase 10
D12.776.476.450.835.....p38 Mitogen-Activated Protein Kinases
D12.776.476.450.835.500.....Mitogen-Activated Protein Kinase 11
D12.776.476.450.835.750.....Mitogen-Activated Protein Kinase 12
D12.776.476.450.835.875.....Mitogen-Activated Protein Kinase 13
D12.776.476.450.835.937.....Mitogen-Activated Protein Kinase 14
D12.776.476.525.....Monomeric GTP-Binding Proteins
D12.776.476.525.100.....ADP-Ribosylation Factors
D12.776.476.525.100.100.....ADP-Ribosylation Factor 1
D12.776.476.525.400.....rab GTP-Binding Proteins
D12.776.476.525.400.025.....rab1 GTP-Binding Proteins
D12.776.476.525.400.050.....rab2 GTP-Binding Protein
D12.776.476.525.400.075.....rab27 GTP-Binding Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.525.400.100.....rab3 GTP-Binding Proteins
D12.776.476.525.400.100.100.....rab3A GTP-Binding Protein
D12.776.476.525.400.150.....rab4 GTP-Binding Proteins
D12.776.476.525.400.200.....rab5 GTP-Binding Proteins
D12.776.476.525.450.....ral GTP-Binding Proteins
D12.776.476.525.462.....ran GTP-Binding Protein
D12.776.476.525.475.....rap GTP-Binding Proteins
D12.776.476.525.475.100.....rap1 GTP-Binding Proteins
D12.776.476.525.488.....Ras Homolog Enriched in Brain Protein
D12.776.476.525.500.....ras Proteins
D12.776.476.525.500.300.....Oncogene Protein p21(ras)
D12.776.476.525.500.600.....Proto-Oncogene Proteins p21(ras)
D12.776.476.525.700.....rho GTP-Binding Proteins
D12.776.476.525.700.050.....cdc42 GTP-Binding Protein
D12.776.476.525.700.050.500.....cdc42 GTP-Binding Protein, <i>Saccharomyces cerevisiae</i>
D12.776.476.525.700.100.....rac GTP-Binding Proteins
D12.776.476.525.700.100.100.....rac1 GTP-Binding Protein
D12.776.476.525.700.200.....rhoA GTP-Binding Protein
D12.776.476.525.700.300.....rhoB GTP-Binding Protein
D12.776.476.525.700.650.....rhoC GTP-Binding Protein
D12.776.476.534.....Mucin-4
D12.776.476.539.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.476.543.....Olfactory Marker Protein
D12.776.476.548.....p21-Activated Kinases
D12.776.476.555.....Phosphatidylethanolamine Binding Protein
D12.776.476.556.....Phosphoinositide Phospholipase C
D12.776.476.556.500.....Phospholipase C beta
D12.776.476.556.625.....Phospholipase C delta
D12.776.476.556.750.....Phospholipase C gamma
D12.776.476.561.....Protein Phosphatase 2
D12.776.476.564.....Protein Tyrosine Phosphatases, Non-Receptor
D12.776.476.564.100.....Protein Tyrosine Phosphatase, Non-Receptor Type 1
D12.776.476.564.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 2
D12.776.476.564.300.....Protein Tyrosine Phosphatase, Non-Receptor Type 3
D12.776.476.564.400.....Protein Tyrosine Phosphatase, Non-Receptor Type 4
D12.776.476.564.600.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D12.776.476.564.800.....Protein Tyrosine Phosphatase, Non-Receptor Type 11
D12.776.476.564.850.....Protein Tyrosine Phosphatase, Non-Receptor Type 12
D12.776.476.564.860.....Protein Tyrosine Phosphatase, Non-Receptor Type 13
D12.776.476.564.930.....Protein Tyrosine Phosphatase, Non-Receptor Type 22
D12.776.476.565.....Proto-Oncogene Proteins c-akt

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.476.571.....Proto-Oncogene Proteins c-fyn
D12.776.476.590.....PTEN Phosphohydrolase
D12.776.476.592.....Receptor-Like Protein Tyrosine Phosphatases
D12.776.476.592.100.....Receptor-Like Protein Tyrosine Phosphatases, Class 1
D12.776.476.592.100.500.....Leukocyte Common Antigens
D12.776.476.592.200.....Receptor-Like Protein Tyrosine Phosphatases, Class 2
D12.776.476.592.300.....Receptor-Like Protein Tyrosine Phosphatases, Class 3
D12.776.476.592.400.....Receptor-Like Protein Tyrosine Phosphatases, Class 4
D12.776.476.592.500.....Receptor-Like Protein Tyrosine Phosphatases, Class 5
D12.776.476.592.700.....Receptor-Like Protein Tyrosine Phosphatases, Class 7
D12.776.476.592.800.....Receptor-Like Protein Tyrosine Phosphatases, Class 8
D12.776.476.595.....rho-Associated Kinases
D12.776.476.600.....Ribosomal Protein S6 Kinases
D12.776.476.600.249.....Ribosomal Protein S6 Kinases, 70-kDa
D12.776.476.600.500.....Ribosomal Protein S6 Kinases, 90-kDa
D12.776.476.650.....RNA-Binding Protein EWS
D12.776.476.700.....SAP90-PSD95 Associated Proteins
D12.776.476.800.....SH2 Domain-Containing Protein Tyrosine Phosphatases
D12.776.476.800.200.....Protein Tyrosine Phosphatase, Non-Receptor Type 6
D12.776.476.800.800.....Protein Tyrosine Phosphatase, Non-Receptor Type 11
D12.776.476.900.....Sirtuins
D12.776.476.900.100.....Sirtuin 1
D12.776.476.900.200.....Sirtuin 2
D12.776.476.900.600.....Sirtuin 3
D12.776.476.913.....Syk Kinase
D12.776.476.925.....TOR Serine-Threonine Kinases
D12.776.476.925.500.....Mechanistic Target of Rapamycin Complex 1
D12.776.476.925.500.250.....MTOR Associated Protein, LST8 Homolog
D12.776.476.925.500.500.....Regulatory-Associated Protein of mTOR
D12.776.476.925.750.....Mechanistic Target of Rapamycin Complex 2
D12.776.476.925.750.500.....Rapamycin-Insensitive Companion of mTOR Protein
D12.776.476.938.....Tumor Necrosis Factor alpha-Induced Protein 3
D12.776.476.944.....WNK Lysine-Deficient Protein Kinase 1
D12.776.476.950.....ZAP-70 Protein-Tyrosine Kinase
D12.776.481.....Intrinsically Disordered Proteins
D12.776.486.....Iodoproteins
D12.776.486.706.....Thyroglobulin
D12.776.494.....Iron-Regulatory Proteins
D12.776.494.249.....Hepcidins
D12.776.494.500.....Iron Regulatory Protein 1
D12.776.494.750.....Iron Regulatory Protein 2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.503.....Lectins
D12.776.503.070.....Chitinase-3-Like Protein 1
D12.776.503.140.....Discoidins
D12.776.503.280.....Lectins, C-Type
D12.776.503.280.124.....Asialoglycoprotein Receptor
D12.776.503.280.249.....Collectins
D12.776.503.280.249.500.....Mannose-Binding Lectin
D12.776.503.280.249.600.....Pulmonary Surfactant-Associated Protein A
D12.776.503.280.249.625.....Pulmonary Surfactant-Associated Protein D
D12.776.503.280.437.....Hyalectins
D12.776.503.280.437.100.....Aggrecans
D12.776.503.280.437.275.....Brevican
D12.776.503.280.437.450.....Neurocan
D12.776.503.280.437.800.....Versicans
D12.776.503.280.578.....Pancreatitis-Associated Proteins
D12.776.503.280.578.500.....Lithostathine
D12.776.503.280.718.....Scavenger Receptors, Class E
D12.776.503.280.718.500.....Chemokine CXCL16
D12.776.503.295.....Calnexin
D12.776.503.303.....Calreticulin
D12.776.503.307.....Galectins
D12.776.503.307.100.....Galectin 1
D12.776.503.307.200.....Galectin 2
D12.776.503.307.300.....Galectin 3
D12.776.503.307.400.....Galectin 4
D12.776.503.311.....Mannose-Binding Lectins
D12.776.503.311.500.....Mannose-Binding Lectin
D12.776.503.499.....Plant Lectins
D12.776.503.499.249.....Abrin
D12.776.503.499.500.....Concanavalin A
D12.776.503.499.625.....Peanut Agglutinin
D12.776.503.499.750.....Phytohemagglutinins
D12.776.503.499.875.....Pokeweed Mitogens
D12.776.503.499.937.....Ricin
D12.776.503.499.968.....Wheat Germ Agglutinins
D12.776.503.499.968.900.....Wheat Germ Agglutinin-Horseradish Peroxidase Conjugate
D12.776.503.687.....Receptors, N-Acetylglucosamine
D12.776.503.843.....Selectins
D12.776.503.843.300.....E-Selectin
D12.776.503.843.510.....L-Selectin
D12.776.503.843.775.....P-Selectin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.503.921.....Sialic Acid Binding Immunoglobulin-like Lectins
D12.776.503.921.049.....Myelin-Associated Glycoprotein
D12.776.503.921.100.....Sialic Acid Binding Ig-like Lectin 1
D12.776.503.921.200.....Sialic Acid Binding Ig-like Lectin 2
D12.776.503.921.400.....Sialic Acid Binding Ig-like Lectin 3
D12.776.512.....LIM Domain Proteins
D12.776.512.124.....Lim Kinases
D12.776.512.249.....LIM-Homeodomain Proteins
D12.776.512.374.....Paxillin
D12.776.512.500.....Zyxin
D12.776.521.....Lipoproteins
D12.776.521.120.....Apolipoproteins
D12.776.521.120.100.....Apolipoproteins M
D12.776.521.120.200.....Apolipoproteins A
D12.776.521.120.200.100.....Apolipoprotein A-I
D12.776.521.120.200.150.....Apolipoprotein A-II
D12.776.521.120.200.575.....Apolipoprotein A-V
D12.776.521.120.300.....Apolipoproteins B
D12.776.521.120.300.240.....Apolipoprotein B-48
D12.776.521.120.300.249.....Apolipoprotein B-100
D12.776.521.120.400.....Apolipoproteins C
D12.776.521.120.400.500.....Apolipoprotein C-I
D12.776.521.120.400.750.....Apolipoprotein C-II
D12.776.521.120.400.875.....Apolipoprotein C-III
D12.776.521.120.450.....Apolipoproteins D
D12.776.521.120.500.....Apolipoproteins E
D12.776.521.120.500.249.....Apolipoprotein E2
D12.776.521.120.500.500.....Apolipoprotein E3
D12.776.521.120.500.750.....Apolipoprotein E4
D12.776.521.120.750.....Apolipoproteins L
D12.776.521.120.750.500.....Apolipoprotein L1
D12.776.521.181.....ATP Binding Cassette Transporter, Sub-Family G, Member 5
D12.776.521.212.....ATP Binding Cassette Transporter, Sub-Family G, Member 8
D12.776.521.242.....Chylomicrons
D12.776.521.242.500.....Chylomicron Remnants
D12.776.521.400.....Lipoprotein(a)
D12.776.521.400.500.....Apoprotein(a)
D12.776.521.450.....Lipoprotein-X
D12.776.521.479.....Lipoproteins, HDL
D12.776.521.479.470.....Cholesterol, HDL
D12.776.521.479.602.....High-Density Lipoproteins, Pre-beta



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.521.479.735.....Lipoproteins, HDL2
D12.776.521.479.867.....Lipoproteins, HDL3
D12.776.521.514.....Lipoproteins, IDL
D12.776.521.550.....Lipoproteins, LDL
D12.776.521.550.500.....Cholesterol, LDL
D12.776.521.622.....Lipoproteins, VLDL
D12.776.521.622.700.....Cholesterol, VLDL
D12.776.526.....LDL-Receptor Related Proteins
D12.776.526.100.....Low Density Lipoprotein Receptor-Related Protein-1
D12.776.526.200.....Low Density Lipoprotein Receptor-Related Protein-2
D12.776.526.500.....Low Density Lipoprotein Receptor-Related Protein-5
D12.776.526.600.....Low Density Lipoprotein Receptor-Related Protein-6
D12.776.532.....Luminescent Proteins
D12.776.532.020.....Aequorin
D12.776.532.265.....Green Fluorescent Proteins
D12.776.532.510.....Luciferases
D12.776.532.510.249.....Luciferases, Bacterial
D12.776.532.510.500.....Luciferases, Firefly
D12.776.532.510.750.....Luciferases, Renilla
D12.776.543.....Membrane Proteins
D12.776.543.019.....5-Lipoxygenase-Activating Proteins
D12.776.543.029.....Amphiregulin
D12.776.543.039.....Amyloid beta-Protein Precursor
D12.776.543.039.500.....Amyloid beta-Peptides
D12.776.543.080.....Ankyrins
D12.776.543.090.....Arrestins
D12.776.543.090.050.....Arrestin
D12.776.543.090.525.....beta-Arrestins
D12.776.543.090.525.500.....beta-Arrestin 1
D12.776.543.090.525.750.....beta-Arrestin 2
D12.776.543.095.....B7 Antigens
D12.776.543.095.100.....B7-1 Antigen
D12.776.543.095.200.....B7-2 Antigen
D12.776.543.095.300.....B7-H1 Antigen
D12.776.543.095.500.....Inducible T-Cell Co-Stimulator Ligand
D12.776.543.095.800.....Programmed Cell Death 1 Ligand 2 Protein
D12.776.543.095.900.....V-Set Domain-Containing T-Cell Activation Inhibitor 1
D12.776.543.100.....Bacterial Outer Membrane Proteins
D12.776.543.100.050.....Adhesins, Bacterial
D12.776.543.100.050.040.....Adhesins, Escherichia coli
D12.776.543.100.300.....Fimbriae Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.116.....Bcl-2-Like Protein 11
D12.776.543.131.....Cadherin Related Proteins
D12.776.543.131.500.....Proto-Oncogene Proteins c-ret
D12.776.543.162.....Calnexin
D12.776.543.178.....Carbonic Anhydrase IX
D12.776.543.193.....Chemokine CX3CL1
D12.776.543.200.....Cornified Envelope Proline-Rich Proteins
D12.776.543.213.....Discs Large Homolog 1 Protein
D12.776.543.219.....Disks Large Homolog 4 Protein
D12.776.543.225.....Dysferlin
D12.776.543.250.....Dystrophin
D12.776.543.268.....Dystrophin-Associated Proteins
D12.776.543.268.250.....Dysbindin
D12.776.543.268.500.....Dystroglycans
D12.776.543.268.750.....Sarcoglycans
D12.776.543.277.....Electron Transport Chain Complex Proteins
D12.776.543.277.500.....Electron-Transferring Flavoproteins
D12.776.543.277.500.500.....Electron Transport Complex I
D12.776.543.277.500.750.....Electron Transport Complex II
D12.776.543.277.500.750.500.....Succinate Dehydrogenase
D12.776.543.277.687.....Electron Transport Complex IV
D12.776.543.277.875.....Succinate Cytochrome c Oxidoreductase
D12.776.543.277.875.249.....Electron Transport Complex II
D12.776.543.277.875.249.500.....Succinate Dehydrogenase
D12.776.543.277.875.500.....Electron Transport Complex III
D12.776.543.287.....Ephrins
D12.776.543.287.100.....Ephrin-A1
D12.776.543.287.200.....Ephrin-A2
D12.776.543.287.300.....Ephrin-A3
D12.776.543.287.400.....Ephrin-A4
D12.776.543.287.500.....Ephrin-A5
D12.776.543.287.600.....Ephrin-B1
D12.776.543.287.700.....Ephrin-B2
D12.776.543.287.800.....Ephrin-B3
D12.776.543.306.....gp100 Melanoma Antigen
D12.776.543.325.....Heterotrimeric GTP-Binding Proteins
D12.776.543.325.100.....GTP-Binding Protein alpha Subunits
D12.776.543.325.100.100.....GTP-Binding Protein alpha Subunits, G12-G13
D12.776.543.325.100.200.....GTP-Binding Protein alpha Subunits, Gi-Go
D12.776.543.325.100.200.500.....GTP-Binding Protein alpha Subunit, Gi2
D12.776.543.325.100.300.....GTP-Binding Protein alpha Subunits, Gq-G11

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.325.100.400.....GTP-Binding Protein alpha Subunits, Gs
D12.776.543.325.450.....GTP-Binding Protein beta Subunits
D12.776.543.325.625.....GTP-Binding Protein gamma Subunits
D12.776.543.325.800.....Transducin
D12.776.543.475.....LDL-Receptor Related Protein-Associated Protein
D12.776.543.484.....Lipid-Linked Proteins
D12.776.543.484.500.....GPI-Linked Proteins
D12.776.543.484.500.100.....Lipopolysaccharide Receptors
D12.776.543.484.500.120.....CD24 Antigen
D12.776.543.484.500.130.....CD55 Antigens
D12.776.543.484.500.140.....CD59 Antigens
D12.776.543.484.500.150.....Bone Marrow Stromal Antigen 2
D12.776.543.484.500.160.....Carbonic Anhydrase IV
D12.776.543.484.500.180.....CD48 Antigen
D12.776.543.484.500.190.....CD52 Antigen
D12.776.543.484.500.200.....Ciliary Neurotrophic Factor Receptor alpha Subunit
D12.776.543.484.500.250.....Contactins
D12.776.543.484.500.250.100.....Contactin 1
D12.776.543.484.500.250.200.....Contactin 2
D12.776.543.484.500.300.....Ephrin-A1
D12.776.543.484.500.310.....Ephrin-A2
D12.776.543.484.500.320.....Ephrin-A3
D12.776.543.484.500.330.....Ephrin-A4
D12.776.543.484.500.340.....Ephrin-A5
D12.776.543.484.500.370.....Folate Receptors, GPI-Anchored
D12.776.543.484.500.370.500.....Folate Receptor 1
D12.776.543.484.500.370.750.....Folate Receptor 2
D12.776.543.484.500.400.....Glial Cell Line-Derived Neurotrophic Factor Receptors
D12.776.543.484.500.550.....Glypicans
D12.776.543.484.500.625.....Prion Proteins
D12.776.543.484.500.700.....Matrix Metalloproteinase 17
D12.776.543.484.500.738.....Nogo Receptors
D12.776.543.484.500.738.250.....Nogo Receptor 2
D12.776.543.484.500.738.500.....Nogo Receptor 1
D12.776.543.484.500.775.....Oligodendrocyte-Myelin Glycoprotein
D12.776.543.484.500.813.....Receptors, Urokinase Plasminogen Activator
D12.776.543.484.500.850.....Uromodulin
D12.776.543.488.....MARVEL Domain-Containing Proteins
D12.776.543.488.249.....MARVEL Domain Containing 2 Protein
D12.776.543.488.374.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D12.776.543.488.500.....Occludin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.488.750.....Synaptogyrins
D12.776.543.488.875.....Synaptophysin
D12.776.543.493.....Matrix Metalloproteinases, Membrane-Associated
D12.776.543.512.....Membrane Fusion Proteins
D12.776.543.512.249.....SNARE Proteins
D12.776.543.512.249.500.....Q-SNARE Proteins
D12.776.543.512.249.500.500.....Qa-SNARE Proteins
D12.776.543.512.249.500.500.700.....Syntaxin 1
D12.776.543.512.249.500.500.750.....Syntaxin 16
D12.776.543.512.249.500.750.....Qb-SNARE Proteins
D12.776.543.512.249.500.750.500.....Synaptosomal-Associated Protein 25
D12.776.543.512.249.500.875.....Qc-SNARE Proteins
D12.776.543.512.249.500.875.500.....Synaptosomal-Associated Protein 25
D12.776.543.512.249.750.....R-SNARE Proteins
D12.776.543.512.249.750.500.....Vesicle-Associated Membrane Protein 1
D12.776.543.512.249.750.750.....Vesicle-Associated Membrane Protein 2
D12.776.543.512.249.750.875.....Vesicle-Associated Membrane Protein 3
D12.776.543.512.500.....Viral Fusion Proteins
D12.776.543.512.500.330.....HIV Envelope Protein gp41
D12.776.543.512.500.665.....Spike Glycoprotein, Coronavirus
D12.776.543.550.....Membrane Glycoproteins
D12.776.543.550.023.....AC133 Antigen
D12.776.543.550.045.....ADP-ribosyl Cyclase 1
D12.776.543.550.090.....Tetraspanin-29
D12.776.543.550.147.....CD47 Antigen
D12.776.543.550.158.....CD58 Antigens
D12.776.543.550.170.....CD27 Ligand
D12.776.543.550.182.....Kangai-1 Protein
D12.776.543.550.187.....Basigin
D12.776.543.550.189.....Thy-1 Antigens
D12.776.543.550.190.....Antiporters
D12.776.543.550.190.276.....Chloride-Bicarbonate Antiporters
D12.776.543.550.190.276.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.543.550.190.442.....Potassium-Hydrogen Antiporters
D12.776.543.550.190.608.....Reduced Folate Carrier Protein
D12.776.543.550.190.775.....Sodium-Hydrogen Exchangers
D12.776.543.550.190.775.500.....Sodium-Hydrogen Exchanger 1
D12.776.543.550.190.775.750.....Sodium-Hydrogen Exchanger 3
D12.776.543.550.192.....ATP-Binding Cassette Transporters
D12.776.543.550.192.381.....ATP Binding Cassette Transporter, Sub-Family A
D12.776.543.550.192.381.500.....ATP Binding Cassette Transporter 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.192.381.750.....ATP Binding Cassette Transporter, Sub-Family A, Member 4
D12.776.543.550.192.419.....ATP Binding Cassette Transporter, Sub-Family D
D12.776.543.550.192.419.500.....ATP Binding Cassette Transporter, Sub-Family D, Member 1
D12.776.543.550.192.457.....ATP Binding Cassette Transporter, Sub-Family G
D12.776.543.550.192.457.250.....ATP Binding Cassette Transporter, Sub-Family G, Member 1
D12.776.543.550.192.457.500.....ATP Binding Cassette Transporter, Sub-Family G, Member 2
D12.776.543.550.192.457.750.....ATP Binding Cassette Transporter, Sub-Family G, Member 5
D12.776.543.550.192.457.875.....ATP Binding Cassette Transporter, Sub-Family G, Member 8
D12.776.543.550.192.610.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.543.550.192.610.305.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.543.550.192.610.458.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.543.550.192.610.534.....ATP Binding Cassette Subfamily B Member 11
D12.776.543.550.192.610.610.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.543.550.193.....B-Cell Activating Factor
D12.776.543.550.194.....4-1BB Ligand
D12.776.543.550.195.....Butyrophilins
D12.776.543.550.195.500.....Myelin-Oligodendrocyte Glycoprotein
D12.776.543.550.196.....CD30 Ligand
D12.776.543.550.198.....CD40 Ligand
D12.776.543.550.200.....Cell Adhesion Molecules
D12.776.543.550.200.062.....12E7 Antigen
D12.776.543.550.200.093.....CD11 Antigens
D12.776.543.550.200.093.500.....CD11a Antigen
D12.776.543.550.200.093.750.....CD11b Antigen
D12.776.543.550.200.093.875.....CD11c Antigen
D12.776.543.550.200.093.937.....Lymphocyte Function-Associated Antigen-1
D12.776.543.550.200.124.....CD24 Antigen
D12.776.543.550.200.128.....Cell Adhesion Molecule-1
D12.776.543.550.200.130.....Nectins
D12.776.543.550.200.131.....Platelet Endothelial Cell Adhesion Molecule-1
D12.776.543.550.200.140.....CD146 Antigen
D12.776.543.550.200.145.....Endolyn
D12.776.543.550.200.200.....Cadherins
D12.776.543.550.200.200.500.....Desmosomal Cadherins
D12.776.543.550.200.200.500.249.....Desmocollins
D12.776.543.550.200.200.500.500.....Desmogleins
D12.776.543.550.200.200.500.500.500.....Desmoglein 1
D12.776.543.550.200.200.500.500.625.....Desmoglein 2
D12.776.543.550.200.200.500.500.750.....Desmoglein 3
D12.776.543.550.200.210.....Carcinoembryonic Antigen
D12.776.543.550.200.230.....CD4 Immuno adhesins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.200.250.....Cell Adhesion Molecules, Neuronal
D12.776.543.550.200.250.150.....Cell Adhesion Molecules, Neuron-Glia
D12.776.543.550.200.250.150.050.....Activated-Leukocyte Cell Adhesion Molecule
D12.776.543.550.200.250.325.....Contactins
D12.776.543.550.200.250.325.100.....Contactin 1
D12.776.543.550.200.250.325.200.....Contactin 2
D12.776.543.550.200.250.500.....Myelin P0 Protein
D12.776.543.550.200.250.520.....Neural Cell Adhesion Molecules
D12.776.543.550.200.250.520.156.....CD56 Antigen
D12.776.543.550.200.250.520.578.....Neural Cell Adhesion Molecule L1
D12.776.543.550.200.250.520.789.....Neurocan
D12.776.543.550.200.263.....Epithelial Cell Adhesion Molecule
D12.776.543.550.200.275.....Integrin alphaXbeta2
D12.776.543.550.200.275.500.....CD11c Antigen
D12.776.543.550.200.275.750.....CD18 Antigens
D12.776.543.550.200.450.....Intercellular Adhesion Molecule-1
D12.776.543.550.200.494.....Intercellular Adhesion Molecule-3
D12.776.543.550.200.537.....Junctional Adhesion Molecules
D12.776.543.550.200.537.500.....Coxsackie and Adenovirus Receptor-Like Membrane Protein
D12.776.543.550.200.537.750.....Junctional Adhesion Molecule A
D12.776.543.550.200.537.875.....Junctional Adhesion Molecule B
D12.776.543.550.200.537.937.....Junctional Adhesion Molecule C
D12.776.543.550.200.625.....Receptors, Lymphocyte Homing
D12.776.543.550.200.625.144.....Hyaluronan Receptors
D12.776.543.550.200.625.347.....Integrin alpha4beta1
D12.776.543.550.200.625.550.....Lymphocyte Function-Associated Antigen-1
D12.776.543.550.200.625.903.....L-Selectin
D12.776.543.550.200.700.....Selectins
D12.776.543.550.200.700.300.....E-Selectin
D12.776.543.550.200.700.510.....L-Selectin
D12.776.543.550.200.700.775.....P-Selectin
D12.776.543.550.200.810.....Sialic Acid Binding Ig-like Lectin 2
D12.776.543.550.200.920.....Vascular Cell Adhesion Molecule-1
D12.776.543.550.275.....Ectodysplasins
D12.776.543.550.294.....Endothelial Protein C Receptor
D12.776.543.550.312.....Fas Ligand Protein
D12.776.543.550.350.....Fibronectins
D12.776.543.550.400.....GAP-43 Protein
D12.776.543.550.418.....GPI-Linked Proteins
D12.776.543.550.418.100.....Lipopolysaccharide Receptors
D12.776.543.550.418.120.....CD24 Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.418.130.....CD55 Antigens
D12.776.543.550.418.140.....CD59 Antigens
D12.776.543.550.418.150.....Bone Marrow Stromal Antigen 2
D12.776.543.550.418.160.....Carbonic Anhydrase IV
D12.776.543.550.418.180.....CD48 Antigen
D12.776.543.550.418.190.....CD52 Antigen
D12.776.543.550.418.200.....Ciliary Neurotrophic Factor Receptor alpha Subunit
D12.776.543.550.418.250.....Contactins
D12.776.543.550.418.250.100.....Contactin 1
D12.776.543.550.418.250.200.....Contactin 2
D12.776.543.550.418.300.....Ephrin-A1
D12.776.543.550.418.310.....Ephrin-A2
D12.776.543.550.418.320.....Ephrin-A3
D12.776.543.550.418.330.....Ephrin-A4
D12.776.543.550.418.340.....Ephrin-A5
D12.776.543.550.418.370.....Folate Receptors, GPI-Anchored
D12.776.543.550.418.370.500.....Folate Receptor 1
D12.776.543.550.418.370.750.....Folate Receptor 2
D12.776.543.550.418.400.....Glial Cell Line-Derived Neurotrophic Factor Receptors
D12.776.543.550.418.500.....Glypicans
D12.776.543.550.418.600.....Prion Proteins
D12.776.543.550.418.700.....Matrix Metalloproteinase 17
D12.776.543.550.418.738.....Nogo Receptors
D12.776.543.550.418.738.250.....Nogo Receptor 2
D12.776.543.550.418.738.500.....Nogo Receptor 1
D12.776.543.550.418.775.....Oligodendrocyte-Myelin Glycoprotein
D12.776.543.550.418.813.....Receptors, Urokinase Plasminogen Activator
D12.776.543.550.418.850.....Uromodulin
D12.776.543.550.435.....Hepatitis A Virus Cellular Receptor 1
D12.776.543.550.437.....Hepatitis A Virus Cellular Receptor 2
D12.776.543.550.439.....Histocompatibility Antigens Class I
D12.776.543.550.439.200.....Hemochromatosis Protein
D12.776.543.550.439.400.....HLA-A Antigens
D12.776.543.550.439.400.010.....HLA-A1 Antigen
D12.776.543.550.439.400.020.....HLA-A2 Antigen
D12.776.543.550.439.400.030.....HLA-A3 Antigen
D12.776.543.550.439.400.110.....HLA-A11 Antigen
D12.776.543.550.439.400.240.....HLA-A24 Antigen
D12.776.543.550.439.500.....HLA-B Antigens
D12.776.543.550.439.500.070.....HLA-B7 Antigen
D12.776.543.550.439.500.080.....HLA-B8 Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.439.500.130.....HLA-B13 Antigen
D12.776.543.550.439.500.140.....HLA-B14 Antigen
D12.776.543.550.439.500.150.....HLA-B15 Antigen
D12.776.543.550.439.500.180.....HLA-B18 Antigen
D12.776.543.550.439.500.270.....HLA-B27 Antigen
D12.776.543.550.439.500.350.....HLA-B35 Antigen
D12.776.543.550.439.500.370.....HLA-B37 Antigen
D12.776.543.550.439.500.380.....HLA-B38 Antigen
D12.776.543.550.439.500.390.....HLA-B39 Antigen
D12.776.543.550.439.500.400.....HLA-B40 Antigen
D12.776.543.550.439.500.440.....HLA-B44 Antigen
D12.776.543.550.439.500.510.....HLA-B51 Antigen
D12.776.543.550.439.500.520.....HLA-B52 Antigen
D12.776.543.550.439.600.....HLA-C Antigens
D12.776.543.550.439.700.....HLA-G Antigens
D12.776.543.550.440.....Histocompatibility Antigens Class II
D12.776.543.550.440.400.....HLA-D Antigens
D12.776.543.550.440.400.420.....HLA-DP Antigens
D12.776.543.550.440.400.420.500.....HLA-DP alpha-Chains
D12.776.543.550.440.400.420.750.....HLA-DP beta-Chains
D12.776.543.550.440.400.430.....HLA-DQ Antigens
D12.776.543.550.440.400.430.500.....HLA-DQ alpha-Chains
D12.776.543.550.440.400.430.750.....HLA-DQ beta-Chains
D12.776.543.550.440.400.440.....HLA-DR Antigens
D12.776.543.550.440.400.440.100.....HLA-DR alpha-Chains
D12.776.543.550.440.400.440.200.....HLA-DR beta-Chains
D12.776.543.550.440.400.440.200.010.....HLA-DRB1 Chains
D12.776.543.550.440.400.440.200.030.....HLA-DRB3 Chains
D12.776.543.550.440.400.440.200.040.....HLA-DRB4 Chains
D12.776.543.550.440.400.440.200.050.....HLA-DRB5 Chains
D12.776.543.550.440.400.440.400.....HLA-DR Serological Subtypes
D12.776.543.550.440.400.440.400.010.....HLA-DR1 Antigen
D12.776.543.550.440.400.440.400.020.....HLA-DR2 Antigen
D12.776.543.550.440.400.440.400.030.....HLA-DR3 Antigen
D12.776.543.550.440.400.440.400.040.....HLA-DR4 Antigen
D12.776.543.550.440.400.440.400.050.....HLA-DR5 Antigen
D12.776.543.550.440.400.440.400.060.....HLA-DR6 Antigen
D12.776.543.550.440.400.440.400.070.....HLA-DR7 Antigen
D12.776.543.550.450.....Ion Channels
D12.776.543.550.450.150.....Calcium Channels
D12.776.543.550.450.150.400.....Calcium Channels, L-Type



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.450.150.585.....Calcium Channels, N-Type
D12.776.543.550.450.150.585.792.....Calcium Channels, P-Type
D12.776.543.550.450.150.585.826.....Calcium Channels, Q-Type
D12.776.543.550.450.150.585.867.....Calcium Channels, R-Type
D12.776.543.550.450.150.720.....Calcium Channels, T-Type
D12.776.543.550.450.150.740.....Calcium Release Activated Calcium Channels
D12.776.543.550.450.150.740.500.....ORAI1 Protein
D12.776.543.550.450.150.740.750.....ORAI2 Protein
D12.776.543.550.450.150.760.....Inositol 1,4,5-Trisphosphate Receptors
D12.776.543.550.450.150.800.....Ryanodine Receptor Calcium Release Channel
D12.776.543.550.450.150.900.....TRPC6 Cation Channel
D12.776.543.550.450.163.....Channelrhodopsins
D12.776.543.550.450.175.....Chloride Channels
D12.776.543.550.450.175.032.....Anoctamins
D12.776.543.550.450.175.032.500.....Anoctamin-1
D12.776.543.550.450.175.063.....Bestrophins
D12.776.543.550.450.175.125.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.543.550.450.175.562.....Receptors, GABA-A
D12.776.543.550.450.175.781.....Receptors, Glycine
D12.776.543.550.450.452.....Cyclic Nucleotide-Gated Cation Channels
D12.776.543.550.450.476.....Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels
D12.776.543.550.450.500.....Ligand-Gated Ion Channels
D12.776.543.550.450.500.100.....Cysteine Loop Ligand-Gated Ion Channel Receptors
D12.776.543.550.450.500.100.100.....Receptors, GABA-A
D12.776.543.550.450.500.100.200.....Receptors, Glycine
D12.776.543.550.450.500.100.500.....Receptors, Nicotinic
D12.776.543.550.450.500.100.500.500.....alpha7 Nicotinic Acetylcholine Receptor
D12.776.543.550.450.500.100.700.....Receptors, Serotonin, 5-HT3
D12.776.543.550.450.500.200.....Receptors, Ionotropic Glutamate
D12.776.543.550.450.500.200.100.....Receptors, AMPA
D12.776.543.550.450.500.200.200.....Receptors, Kainic Acid
D12.776.543.550.450.500.200.500.....Receptors, N-Methyl-D-Aspartate
D12.776.543.550.450.500.600.....Receptors, Purinergic P2X
D12.776.543.550.450.500.600.100.....Receptors, Purinergic P2X1
D12.776.543.550.450.500.600.200.....Receptors, Purinergic P2X2
D12.776.543.550.450.500.600.300.....Receptors, Purinergic P2X3
D12.776.543.550.450.500.600.400.....Receptors, Purinergic P2X4
D12.776.543.550.450.500.600.500.....Receptors, Purinergic P2X5
D12.776.543.550.450.500.600.700.....Receptors, Purinergic P2X7
D12.776.543.550.450.730.....Porins
D12.776.543.550.450.730.040.....Aquaporins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.450.730.040.249.....Aquaglyceroporins
D12.776.543.550.450.730.040.249.500.....Aquaporin 3
D12.776.543.550.450.730.040.249.750.....Aquaporin 6
D12.776.543.550.450.730.040.374.....Aquaporin 1
D12.776.543.550.450.730.040.437.....Aquaporin 2
D12.776.543.550.450.730.040.468.....Aquaporin 4
D12.776.543.550.450.730.040.484.....Aquaporin 5
D12.776.543.550.450.730.520.....Voltage-Dependent Anion Channels
D12.776.543.550.450.730.520.500.....Voltage-Dependent Anion Channel 1
D12.776.543.550.450.730.520.750.....Voltage-Dependent Anion Channel 2
D12.776.543.550.450.750.....Potassium Channels
D12.776.543.550.450.750.150.....Potassium Channels, Calcium-Activated
D12.776.543.550.450.750.150.249.....Intermediate-Conductance Calcium-Activated Potassium Channels
D12.776.543.550.450.750.150.500.....Large-Conductance Calcium-Activated Potassium Channels
D12.776.543.550.450.750.150.500.500.....Large-Conductance Calcium-Activated Potassium Channel alpha Subunits
D12.776.543.550.450.750.150.500.750.....Large-Conductance Calcium-Activated Potassium Channel beta Subunits
D12.776.543.550.450.750.150.750.....Small-Conductance Calcium-Activated Potassium Channels
D12.776.543.550.450.750.450.....Potassium Channels, Inwardly Rectifying
D12.776.543.550.450.750.450.500.....G Protein-Coupled Inwardly-Rectifying Potassium Channels
D12.776.543.550.450.750.450.550.....KATP Channels
D12.776.543.550.450.750.450.550.500.....Sulfonylurea Receptors
D12.776.543.550.450.750.850.....Potassium Channels, Tandem Pore Domain
D12.776.543.550.450.750.900.....Potassium Channels, Voltage-Gated
D12.776.543.550.450.750.900.124.....Delayed Rectifier Potassium Channels
D12.776.543.550.450.750.900.124.249.....KCNQ Potassium Channels
D12.776.543.550.450.750.900.124.249.500.....KCNQ1 Potassium Channel
D12.776.543.550.450.750.900.124.249.750.....KCNQ2 Potassium Channel
D12.776.543.550.450.750.900.124.249.875.....KCNQ3 Potassium Channel
D12.776.543.550.450.750.900.124.311.....Kv1.1 Potassium Channel
D12.776.543.550.450.750.900.124.342.....Kv1.2 Potassium Channel
D12.776.543.550.450.750.900.124.358.....Kv1.3 Potassium Channel
D12.776.543.550.450.750.900.124.374.....Kv1.5 Potassium Channel
D12.776.543.550.450.750.900.124.437.....Kv1.6 Potassium Channel
D12.776.543.550.450.750.900.124.500.....Shab Potassium Channels
D12.776.543.550.450.750.900.249.....Ether-A-Go-Go Potassium Channels
D12.776.543.550.450.750.900.249.500.....ERG1 Potassium Channel
D12.776.543.550.450.750.900.500.....Shaker Superfamily of Potassium Channels
D12.776.543.550.450.750.900.500.124.....Kv1.1 Potassium Channel
D12.776.543.550.450.750.900.500.186.....Kv1.2 Potassium Channel
D12.776.543.550.450.750.900.500.233.....Kv1.4 Potassium Channel
D12.776.543.550.450.750.900.500.241.....Kv1.5 Potassium Channel

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.550.450.750.900.500.249.....Shab Potassium Channels
D12.776.543.550.450.750.900.500.625.....Shal Potassium Channels
D12.776.543.550.450.750.900.500.750.....Shaw Potassium Channels
D12.776.543.550.450.875.....Sodium Channels
D12.776.543.550.450.875.050.....Acid Sensing Ion Channels
D12.776.543.550.450.875.100.....Degenerin Sodium Channels
D12.776.543.550.450.875.200.....Epithelial Sodium Channels
D12.776.543.550.450.875.750.....Voltage-Gated Sodium Channels
D12.776.543.550.450.875.750.100.....NAV1.1 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.200.....NAV1.2 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.300.....NAV1.3 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.400.....NAV1.4 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.500.....NAV1.5 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.600.....NAV1.6 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.700.....NAV1.7 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.800.....NAV1.8 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.900.....NAV1.9 Voltage-Gated Sodium Channel
D12.776.543.550.450.875.750.970.....Voltage-Gated Sodium Channel beta Subunits
D12.776.543.550.450.875.750.970.100.....Voltage-Gated Sodium Channel beta-1 Subunit
D12.776.543.550.450.875.750.970.200.....Voltage-Gated Sodium Channel beta-2 Subunit
D12.776.543.550.450.875.750.970.300.....Voltage-Gated Sodium Channel beta-3 Subunit
D12.776.543.550.450.875.750.970.400.....Voltage-Gated Sodium Channel beta-4 Subunit
D12.776.543.550.500.....Laminin
D12.776.543.550.527.....Lysosome-Associated Membrane Glycoproteins
D12.776.543.550.527.249.....Tetraspanin 30
D12.776.543.550.527.500.....Lysosomal-Associated Membrane Protein 1
D12.776.543.550.527.750.....Lysosomal-Associated Membrane Protein 2
D12.776.543.550.527.875.....Lysosomal-Associated Membrane Protein 3
D12.776.543.550.530.....Mucin-1
D12.776.543.550.542.....Mucin-3
D12.776.543.550.555.....Myelin-Associated Glycoprotein
D12.776.543.550.590.....OX40 Ligand
D12.776.543.550.607.....PHEX Phosphate Regulating Neutral Endopeptidase
D12.776.543.550.625.....Platelet Membrane Glycoproteins
D12.776.543.550.625.136.....CD36 Antigens
D12.776.543.550.625.298.....Integrin alpha2beta1
D12.776.543.550.625.379.....Integrin alpha5beta1
D12.776.543.550.625.419.....Integrin alpha6beta1
D12.776.543.550.625.439.....Integrin alphaVbeta3
D12.776.543.550.625.449.....Lysosomal-Associated Membrane Protein 1
D12.776.543.550.625.460.....Platelet Glycoprotein GPIb-IX Complex

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.543.550.625.785.....	Platelet Glycoprotein GPIIb-IIIa Complex
D12.776.543.550.625.800.....	Receptors, Thrombin
D12.776.543.550.625.800.790.....	Receptor, PAR-1
D12.776.543.550.625.800.800.....	Thrombomodulin
D12.776.543.550.625.905.....	P-Selectin
D12.776.543.550.712.....	Sarcoglycans
D12.776.543.550.746.....	Signaling Lymphocytic Activation Molecule Family
D12.776.543.550.746.250.....	CD48 Antigen
D12.776.543.550.746.500.....	Signaling Lymphocytic Activation Molecule Family Member 1
D12.776.543.550.779.....	SLC4A Proteins
D12.776.543.550.779.249.....	Chloride-Bicarbonate Antiporters
D12.776.543.550.779.249.500.....	Anion Exchange Protein 1, Erythrocyte
D12.776.543.550.779.500.....	Sodium-Bicarbonate Symporters
D12.776.543.550.847.....	Syndecans
D12.776.543.550.847.100.....	Syndecan-1
D12.776.543.550.847.200.....	Syndecan-2
D12.776.543.550.847.300.....	Syndecan-3
D12.776.543.550.847.400.....	Syndecan-4
D12.776.543.550.895.....	Thrombospondins
D12.776.543.550.895.800.....	Thrombospondin 1
D12.776.543.550.919.....	Triggering Receptor Expressed on Myeloid Cells-1
D12.776.543.550.942.....	Uroplakins
D12.776.543.550.942.100.....	Uroplakin Ia
D12.776.543.550.942.150.....	Uroplakin Ib
D12.776.543.550.942.200.....	Uroplakin II
D12.776.543.550.942.300.....	Uroplakin III
D12.776.543.550.990.....	Variant Surface Glycoproteins, Trypanosoma
D12.776.543.550.995.....	Zona Pellucida Glycoproteins
D12.776.543.585.....	Membrane Transport Proteins
D12.776.543.585.100.....	ATP-Binding Cassette Transporters
D12.776.543.585.100.190.....	ATP Binding Cassette Transporter, Sub-Family A
D12.776.543.585.100.190.500.....	ATP Binding Cassette Transporter 1
D12.776.543.585.100.190.750.....	ATP Binding Cassette Transporter, Sub-Family A, Member 4
D12.776.543.585.100.209.....	ATP Binding Cassette Transporter, Sub-Family D
D12.776.543.585.100.209.500.....	ATP Binding Cassette Transporter, Sub-Family D, Member 1
D12.776.543.585.100.228.....	ATP Binding Cassette Transporter, Sub-Family G
D12.776.543.585.100.228.250.....	ATP Binding Cassette Transporter, Sub-Family G, Member 1
D12.776.543.585.100.228.500.....	ATP Binding Cassette Transporter, Sub-Family G, Member 2
D12.776.543.585.100.228.750.....	ATP Binding Cassette Transporter, Sub-Family G, Member 5
D12.776.543.585.100.228.875.....	ATP Binding Cassette Transporter, Sub-Family G, Member 8
D12.776.543.585.100.304.....	Multidrug Resistance-Associated Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.100.304.500.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.543.585.100.610.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.543.585.100.610.250.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.543.585.100.610.375.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.543.585.100.610.438.....ATP Binding Cassette Subfamily B Member 11
D12.776.543.585.100.610.500.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.543.585.100.805.....Sulfonylurea Receptors
D12.776.543.585.200.....Amino Acid Transport Systems
D12.776.543.585.200.249.....Amino Acid Transport Systems, Acidic
D12.776.543.585.200.249.500.....Amino Acid Transport System X-AG
D12.776.543.585.200.249.500.500.....Glutamate Plasma Membrane Transport Proteins
D12.776.543.585.200.249.500.500.500.....Excitatory Amino Acid Transporter 1
D12.776.543.585.200.249.500.500.750.....Excitatory Amino Acid Transporter 2
D12.776.543.585.200.249.500.500.875.....Excitatory Amino Acid Transporter 3
D12.776.543.585.200.249.500.500.937.....Excitatory Amino Acid Transporter 4
D12.776.543.585.200.249.500.500.968.....Excitatory Amino Acid Transporter 5
D12.776.543.585.200.374.....Amino Acid Transport Systems, Basic
D12.776.543.585.200.374.600.....Amino Acid Transport System y+
D12.776.543.585.200.374.600.200.....Cationic Amino Acid Transporter 1
D12.776.543.585.200.374.600.300.....Cationic Amino Acid Transporter 2
D12.776.543.585.200.374.750.....Amino Acid Transport System y+L
D12.776.543.585.200.374.750.500.....Fusion Regulatory Protein-1
D12.776.543.585.200.374.750.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.543.585.200.374.750.500.500.....Fusion Regulatory Protein 1, Light Chains
D12.776.543.585.200.500.....Amino Acid Transport Systems, Neutral
D12.776.543.585.200.500.100.....Amino Acid Transport System A
D12.776.543.585.200.500.200.....Amino Acid Transport System ASC
D12.776.543.585.200.500.500.....Amino Acid Transport System L
D12.776.543.585.200.500.500.500.....Fusion Regulatory Protein-1
D12.776.543.585.200.500.500.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.543.585.200.500.500.500.500.....Fusion Regulatory Protein 1, Light Chains
D12.776.543.585.200.500.500.500.500.....Large Neutral Amino Acid-Transporter 1
D12.776.543.585.200.500.875.....Glycine Plasma Membrane Transport Proteins
D12.776.543.585.250.....Connexins
D12.776.543.585.250.100.....Connexin 26
D12.776.543.585.250.150.....Connexin 30
D12.776.543.585.250.200.....Connexin 43
D12.776.543.585.300.....Fatty Acid Transport Proteins
D12.776.543.585.300.500.....CD36 Antigens
D12.776.543.585.400.....Ion Channels
D12.776.543.585.400.150.....Calcium Channels

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.400.150.400.....Calcium Channels, L-Type
D12.776.543.585.400.150.585.....Calcium Channels, N-Type
D12.776.543.585.400.150.585.792.....Calcium Channels, P-Type
D12.776.543.585.400.150.585.826.....Calcium Channels, Q-Type
D12.776.543.585.400.150.585.867.....Calcium Channels, R-Type
D12.776.543.585.400.150.720.....Calcium Channels, T-Type
D12.776.543.585.400.150.740.....Calcium Release Activated Calcium Channels
D12.776.543.585.400.150.740.500.....ORAI1 Protein
D12.776.543.585.400.150.740.750.....ORAI2 Protein
D12.776.543.585.400.150.760.....Inositol 1,4,5-Trisphosphate Receptors
D12.776.543.585.400.150.800.....Ryanodine Receptor Calcium Release Channel
D12.776.543.585.400.150.850.....TRPC6 Cation Channel
D12.776.543.585.400.150.900.....TRPP Cation Channels
D12.776.543.585.400.163.....Channelrhodopsins
D12.776.543.585.400.175.....Chloride Channels
D12.776.543.585.400.175.032.....Anoctamins
D12.776.543.585.400.175.032.500.....Anoctamin-1
D12.776.543.585.400.175.063.....Bestrophins
D12.776.543.585.400.175.125.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.543.585.400.175.562.....Receptors, GABA-A
D12.776.543.585.400.175.781.....Receptors, Glycine
D12.776.543.585.400.452.....Cyclic Nucleotide-Gated Cation Channels
D12.776.543.585.400.476.....Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels
D12.776.543.585.400.500.....Ligand-Gated Ion Channels
D12.776.543.585.400.500.100.....Cysteine Loop Ligand-Gated Ion Channel Receptors
D12.776.543.585.400.500.100.100.....Receptors, GABA-A
D12.776.543.585.400.500.100.200.....Receptors, Glycine
D12.776.543.585.400.500.100.500.....Receptors, Nicotinic
D12.776.543.585.400.500.100.500.500.....alpha7 Nicotinic Acetylcholine Receptor
D12.776.543.585.400.500.100.700.....Receptors, Serotonin, 5-HT3
D12.776.543.585.400.500.200.....Receptors, Ionotropic Glutamate
D12.776.543.585.400.500.200.100.....Receptors, AMPA
D12.776.543.585.400.500.200.200.....Receptors, Kainic Acid
D12.776.543.585.400.500.200.500.....Receptors, N-Methyl-D-Aspartate
D12.776.543.585.400.500.600.....Receptors, Purinergic P2X
D12.776.543.585.400.500.600.100.....Receptors, Purinergic P2X1
D12.776.543.585.400.500.600.200.....Receptors, Purinergic P2X2
D12.776.543.585.400.500.600.300.....Receptors, Purinergic P2X3
D12.776.543.585.400.500.600.400.....Receptors, Purinergic P2X4
D12.776.543.585.400.500.600.500.....Receptors, Purinergic P2X5
D12.776.543.585.400.500.600.700.....Receptors, Purinergic P2X7

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.400.730.....Porins
D12.776.543.585.400.730.040.....Aquaporins
D12.776.543.585.400.730.040.249.....Aquaglyceroporins
D12.776.543.585.400.730.040.249.500.....Aquaporin 3
D12.776.543.585.400.730.040.249.750.....Aquaporin 6
D12.776.543.585.400.730.040.436.....Aquaporin 1
D12.776.543.585.400.730.040.530.....Aquaporin 2
D12.776.543.585.400.730.040.577.....Aquaporin 4
D12.776.543.585.400.730.040.600.....Aquaporin 5
D12.776.543.585.400.730.520.....Voltage-Dependent Anion Channels
D12.776.543.585.400.730.520.500.....Voltage-Dependent Anion Channel 1
D12.776.543.585.400.730.520.750.....Voltage-Dependent Anion Channel 2
D12.776.543.585.400.750.....Potassium Channels
D12.776.543.585.400.750.150.....Potassium Channels, Calcium-Activated
D12.776.543.585.400.750.150.249.....Intermediate-Conductance Calcium-Activated Potassium Channels
D12.776.543.585.400.750.150.500.....Large-Conductance Calcium-Activated Potassium Channels
D12.776.543.585.400.750.150.500.249.....Large-Conductance Calcium-Activated Potassium Channel alpha Subunits
D12.776.543.585.400.750.150.500.500.....Large-Conductance Calcium-Activated Potassium Channel beta Subunits
D12.776.543.585.400.750.150.750.....Small-Conductance Calcium-Activated Potassium Channels
D12.776.543.585.400.750.450.....Potassium Channels, Inwardly Rectifying
D12.776.543.585.400.750.450.500.....G Protein-Coupled Inwardly-Rectifying Potassium Channels
D12.776.543.585.400.750.450.550.....KATP Channels
D12.776.543.585.400.750.450.550.500.....Sulfonylurea Receptors
D12.776.543.585.400.750.850.....Potassium Channels, Tandem Pore Domain
D12.776.543.585.400.750.900.....Potassium Channels, Voltage-Gated
D12.776.543.585.400.750.900.124.....Delayed Rectifier Potassium Channels
D12.776.543.585.400.750.900.124.249.....KCNQ Potassium Channels
D12.776.543.585.400.750.900.124.249.500.....KCNQ1 Potassium Channel
D12.776.543.585.400.750.900.124.249.750.....KCNQ2 Potassium Channel
D12.776.543.585.400.750.900.124.249.875.....KCNQ3 Potassium Channel
D12.776.543.585.400.750.900.124.374.....Kv1.5 Potassium Channel
D12.776.543.585.400.750.900.124.500.....Shab Potassium Channels
D12.776.543.585.400.750.900.249.....Ether-A-Go-Go Potassium Channels
D12.776.543.585.400.750.900.249.500.....ERG1 Potassium Channel
D12.776.543.585.400.750.900.624.....Shaker Superfamily of Potassium Channels
D12.776.543.585.400.750.900.624.124.....Kv1.1 Potassium Channel
D12.776.543.585.400.750.900.624.186.....Kv1.2 Potassium Channel
D12.776.543.585.400.750.900.624.217.....Kv1.3 Potassium Channel
D12.776.543.585.400.750.900.624.233.....Kv1.4 Potassium Channel
D12.776.543.585.400.750.900.624.241.....Kv1.5 Potassium Channel
D12.776.543.585.400.750.900.624.245.....Kv1.6 Potassium Channel

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.400.750.900.624.249.....Shab Potassium Channels
D12.776.543.585.400.750.900.624.625.....Shal Potassium Channels
D12.776.543.585.400.750.900.624.750.....Shaw Potassium Channels
D12.776.543.585.400.875.....Sodium Channels
D12.776.543.585.400.875.050.....Acid Sensing Ion Channels
D12.776.543.585.400.875.100.....Degenerin Sodium Channels
D12.776.543.585.400.875.200.....Epithelial Sodium Channels
D12.776.543.585.400.875.750.....Voltage-Gated Sodium Channels
D12.776.543.585.400.875.750.100.....NAV1.1 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.200.....NAV1.2 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.300.....NAV1.3 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.400.....NAV1.4 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.500.....NAV1.5 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.600.....NAV1.6 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.700.....NAV1.7 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.800.....NAV1.8 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.900.....NAV1.9 Voltage-Gated Sodium Channel
D12.776.543.585.400.875.750.970.....Voltage-Gated Sodium Channel beta Subunits
D12.776.543.585.400.875.750.970.100.....Voltage-Gated Sodium Channel beta-1 Subunit
D12.776.543.585.400.875.750.970.200.....Voltage-Gated Sodium Channel beta-2 Subunit
D12.776.543.585.400.875.750.970.300.....Voltage-Gated Sodium Channel beta-3 Subunit
D12.776.543.585.400.875.750.970.650.....Voltage-Gated Sodium Channel beta-4 Subunit
D12.776.543.585.400.901.....Transient Receptor Potential Channels
D12.776.543.585.400.901.250.....TRPA1 Cation Channel
D12.776.543.585.400.901.500.....TRPC Cation Channels
D12.776.543.585.400.901.500.500.....TRPC6 Cation Channel
D12.776.543.585.400.901.555.....TRPM Cation Channels
D12.776.543.585.400.901.777.....TRPP Cation Channels
D12.776.543.585.450.....Ion Pumps
D12.776.543.585.450.074.....Anion Transport Proteins
D12.776.543.585.450.074.249.....Halorhodopsins
D12.776.543.585.450.074.500.....Organic Anion Transporters
D12.776.543.585.450.074.500.149.....Dicarboxylic Acid Transporters
D12.776.543.585.450.074.500.224.....Folic Acid Transporters
D12.776.543.585.450.074.500.224.500.....Folate Receptors, GPI-Anchored
D12.776.543.585.450.074.500.224.500.500.....Folate Receptor 1
D12.776.543.585.450.074.500.224.500.750.....Folate Receptor 2
D12.776.543.585.450.074.500.224.625.....Proton-Coupled Folate Transporter
D12.776.543.585.450.074.500.224.750.....Reduced Folate Carrier Protein
D12.776.543.585.450.074.500.300.....Monocarboxylic Acid Transporters
D12.776.543.585.450.074.500.500.....Organic Anion Transporters, ATP-Dependent



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.450.074.500.500.500.....Multidrug Resistance-Associated Proteins
D12.776.543.585.450.074.500.500.500.500.....Cystic Fibrosis Transmembrane Conductance Regulator
D12.776.543.585.450.074.500.500.875.....ATP Binding Cassette Transporter, Sub-Family B
D12.776.543.585.450.074.500.500.875.250.....ATP-Binding Cassette Sub-Family B Member 2
D12.776.543.585.450.074.500.500.875.375.....ATP-Binding Cassette, Sub-Family B, Member 3
D12.776.543.585.450.074.500.500.875.438.....ATP Binding Cassette Subfamily B Member 11
D12.776.543.585.450.074.500.500.875.500.....ATP-Binding Cassette, Sub-Family B, Member 1
D12.776.543.585.450.074.500.812.....Organic Anion Transporters, Sodium-Dependent
D12.776.543.585.450.074.500.812.500.....Sodium-Coupled Vitamin C Transporters
D12.776.543.585.450.074.500.875.....Organic Anion Transporters, Sodium-Independent
D12.776.543.585.450.074.500.875.500.....Solute Carrier Organic Anion Transporter Family Member 1b1
D12.776.543.585.450.074.500.875.750.....Organic Anion Transport Protein 1
D12.776.543.585.450.074.500.875.875.....Solute Carrier Organic Anion Transporter Family Member 1B3
D12.776.543.585.450.074.750.....Phosphate Transport Proteins
D12.776.543.585.450.074.750.500.....Proton-Phosphate Symporters
D12.776.543.585.450.074.750.750.....Sodium-Phosphate Cotransporter Proteins
D12.776.543.585.450.074.750.750.500.....Sodium-Phosphate Cotransporter Proteins, Type I
D12.776.543.585.450.074.750.750.750.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.543.585.450.074.750.750.750.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.543.585.450.074.750.750.750.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.543.585.450.074.750.750.750.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.543.585.450.074.750.750.875.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.543.585.450.162.....Antiporters
D12.776.543.585.450.162.193.....Chloride-Bicarbonate Antiporters
D12.776.543.585.450.162.193.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.543.585.450.162.225.....Mitochondrial ADP, ATP Translocases
D12.776.543.585.450.162.225.100.....Adenine Nucleotide Translocator 1
D12.776.543.585.450.162.225.200.....Adenine Nucleotide Translocator 2
D12.776.543.585.450.162.225.300.....Adenine Nucleotide Translocator 3
D12.776.543.585.450.162.234.....Organic Anion Transport Protein 1
D12.776.543.585.450.162.276.....Potassium-Hydrogen Antiporters
D12.776.543.585.450.162.359.....Reduced Folate Carrier Protein
D12.776.543.585.450.162.442.....Sodium-Calcium Exchanger
D12.776.543.585.450.162.775.....Sodium-Hydrogen Exchangers
D12.776.543.585.450.162.775.500.....Sodium-Hydrogen Exchanger 1
D12.776.543.585.450.162.775.750.....Sodium-Hydrogen Exchanger 3
D12.776.543.585.450.162.800.....Sodium-Potassium-Exchanging ATPase
D12.776.543.585.450.162.887.....Vesicular Neurotransmitter Transport Proteins
D12.776.543.585.450.162.887.500.....Vesicular Biogenic Amine Transport Proteins
D12.776.543.585.450.162.887.500.249.....Vesicular Acetylcholine Transport Proteins
D12.776.543.585.450.162.887.500.500.....Vesicular Monoamine Transport Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.450.162.887.625.....Vesicular Glutamate Transport Proteins
D12.776.543.585.450.162.887.625.500.....Vesicular Glutamate Transport Protein 1
D12.776.543.585.450.162.887.625.750.....Vesicular Glutamate Transport Protein 2
D12.776.543.585.450.162.887.750.....Vesicular Inhibitory Amino Acid Transport Proteins
D12.776.543.585.450.250.....Cation Transport Proteins
D12.776.543.585.450.250.249.....Arsenite Transporting ATPases
D12.776.543.585.450.250.500.....Calcium-Transporting ATPases
D12.776.543.585.450.250.500.249.....Plasma Membrane Calcium-Transporting ATPases
D12.776.543.585.450.250.500.500.....Sarcoplasmic Reticulum Calcium-Transporting ATPases
D12.776.543.585.450.250.656.....Copper-transporting ATPases
D12.776.543.585.450.250.812.....Organic Cation Transport Proteins
D12.776.543.585.450.250.812.500.....Organic Cation Transporter 1
D12.776.543.585.450.250.812.625.....Organic Cation Transporter 2
D12.776.543.585.450.250.812.750.....Solute Carrier Family 22 Member 5
D12.776.543.585.450.250.875.....Proton Pumps
D12.776.543.585.450.250.875.249.....Bacteriorhodopsins
D12.776.543.585.450.250.875.311.....Cytochrome b6f Complex
D12.776.543.585.450.250.875.311.500.....Cytochromes b6
D12.776.543.585.450.250.875.311.750.....Cytochromes f
D12.776.543.585.450.250.875.311.875.....Plastoquinol-Plastocyanin Reductase
D12.776.543.585.450.250.875.437.....Electron Transport Complex I
D12.776.543.585.450.250.875.468.....Electron Transport Complex III
D12.776.543.585.450.250.875.484.....Electron Transport Complex IV
D12.776.543.585.450.250.875.487.....Inorganic Pyrophosphatase
D12.776.543.585.450.250.875.492.....Photosystem I Protein Complex
D12.776.543.585.450.250.875.500.....Proton-Translocating ATPases
D12.776.543.585.450.250.875.500.249.....Bacterial Proton-Translocating ATPases
D12.776.543.585.450.250.875.500.500.....Chloroplast Proton-Translocating ATPases
D12.776.543.585.450.250.875.500.625.....H(+)-K(+)-Exchanging ATPase
D12.776.543.585.450.250.875.500.750.....Mitochondrial Proton-Translocating ATPases
D12.776.543.585.450.250.875.500.875.....Vacuolar Proton-Translocating ATPases
D12.776.543.585.450.250.890.....Sodium-Potassium-Exchanging ATPase
D12.776.543.585.450.250.945.....Zinc Transporter 8
D12.776.543.585.450.437.....SLC4A Proteins
D12.776.543.585.450.437.249.....Chloride-Bicarbonate Antiporters
D12.776.543.585.450.437.249.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.543.585.450.437.500.....Sodium-Bicarbonate Symporters
D12.776.543.585.450.625.....Symporters
D12.776.543.585.450.625.124.....Dopamine Plasma Membrane Transport Proteins
D12.776.543.585.450.625.139.....GABA Plasma Membrane Transport Proteins
D12.776.543.585.450.625.147.....Glutamate Plasma Membrane Transport Proteins

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.543.585.450.625.147.500.....	Excitatory Amino Acid Transporter 1
D12.776.543.585.450.625.147.750.....	Excitatory Amino Acid Transporter 2
D12.776.543.585.450.625.147.875.....	Excitatory Amino Acid Transporter 3
D12.776.543.585.450.625.147.937.....	Excitatory Amino Acid Transporter 4
D12.776.543.585.450.625.147.968.....	Excitatory Amino Acid Transporter 5
D12.776.543.585.450.625.155.....	Glycine Plasma Membrane Transport Proteins
D12.776.543.585.450.625.186.....	Norepinephrine Plasma Membrane Transport Proteins
D12.776.543.585.450.625.202.....	Peptide Transporter 1
D12.776.543.585.450.625.217.....	Proton-Coupled Folate Transporter
D12.776.543.585.450.625.249.....	Proton-Phosphate Symporters
D12.776.543.585.450.625.374.....	Serotonin Plasma Membrane Transport Proteins
D12.776.543.585.450.625.500.....	Sodium-Bicarbonate Symporters
D12.776.543.585.450.625.531.....	Sodium-Coupled Vitamin C Transporters
D12.776.543.585.450.625.562.....	Sodium-Glucose Transport Proteins
D12.776.543.585.450.625.562.500.....	Sodium-Glucose Transporter 1
D12.776.543.585.450.625.562.750.....	Sodium-Glucose Transporter 2
D12.776.543.585.450.625.625.....	Sodium-Phosphate Cotransporter Proteins
D12.776.543.585.450.625.625.500.....	Sodium-Phosphate Cotransporter Proteins, Type I
D12.776.543.585.450.625.625.750.....	Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.543.585.450.625.625.750.124.....	Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.543.585.450.625.625.750.249.....	Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.543.585.450.625.625.750.500.....	Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.543.585.450.625.625.875.....	Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.543.585.450.625.750.....	Sodium-Potassium-Chloride Symporters
D12.776.543.585.450.625.750.500.....	Solute Carrier Family 12, Member 1
D12.776.543.585.450.625.750.625.....	Solute Carrier Family 12, Member 2
D12.776.543.585.450.625.750.875.....	Solute Carrier Family 12, Member 4
D12.776.543.585.475.....	Mitochondrial Membrane Transport Proteins
D12.776.543.585.475.500.....	Mitochondrial ADP, ATP Translocases
D12.776.543.585.475.500.100.....	Adenine Nucleotide Translocator 1
D12.776.543.585.475.500.200.....	Adenine Nucleotide Translocator 2
D12.776.543.585.475.500.300.....	Adenine Nucleotide Translocator 3
D12.776.543.585.475.625.....	Mitochondrial Proton-Translocating ATPases
D12.776.543.585.475.688.....	Mitochondrial Uncoupling Proteins
D12.776.543.585.475.688.500.....	Uncoupling Protein 1
D12.776.543.585.475.688.750.....	Uncoupling Protein 2
D12.776.543.585.475.688.875.....	Uncoupling Protein 3
D12.776.543.585.475.750.....	Voltage-Dependent Anion Channel 1
D12.776.543.585.475.875.....	Voltage-Dependent Anion Channel 2
D12.776.543.585.500.....	Monosaccharide Transport Proteins
D12.776.543.585.500.500.....	Glucose Transport Proteins, Facilitative

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.500.500.500.....Glucose Transporter Type 1
D12.776.543.585.500.500.750.....Glucose Transporter Type 2
D12.776.543.585.500.500.875.....Glucose Transporter Type 3
D12.776.543.585.500.500.937.....Glucose Transporter Type 4
D12.776.543.585.500.500.968.....Glucose Transporter Type 5
D12.776.543.585.500.750.....Sodium-Glucose Transport Proteins
D12.776.543.585.500.750.500.....Sodium-Glucose Transporter 1
D12.776.543.585.500.750.750.....Sodium-Glucose Transporter 2
D12.776.543.585.562.....Neurotransmitter Transport Proteins
D12.776.543.585.562.374.....Plasma Membrane Neurotransmitter Transport Proteins
D12.776.543.585.562.374.500.....Catecholamine Plasma Membrane Transport Proteins
D12.776.543.585.562.374.500.500.....Dopamine Plasma Membrane Transport Proteins
D12.776.543.585.562.374.500.750.....Norepinephrine Plasma Membrane Transport Proteins
D12.776.543.585.562.374.750.....GABA Plasma Membrane Transport Proteins
D12.776.543.585.562.374.781.....Glutamate Plasma Membrane Transport Proteins
D12.776.543.585.562.374.781.500.....Excitatory Amino Acid Transporter 1
D12.776.543.585.562.374.781.750.....Excitatory Amino Acid Transporter 2
D12.776.543.585.562.374.781.781.....Excitatory Amino Acid Transporter 3
D12.776.543.585.562.374.781.812.....Excitatory Amino Acid Transporter 4
D12.776.543.585.562.374.781.875.....Excitatory Amino Acid Transporter 5
D12.776.543.585.562.374.812.....Glycine Plasma Membrane Transport Proteins
D12.776.543.585.562.374.875.....Serotonin Plasma Membrane Transport Proteins
D12.776.543.585.562.750.....Vesicular Neurotransmitter Transport Proteins
D12.776.543.585.562.750.500.....Vesicular Biogenic Amine Transport Proteins
D12.776.543.585.562.750.500.249.....Vesicular Acetylcholine Transport Proteins
D12.776.543.585.562.750.500.500.....Vesicular Monoamine Transport Proteins
D12.776.543.585.562.750.625.....Vesicular Glutamate Transport Proteins
D12.776.543.585.562.750.625.500.....Vesicular Glutamate Transport Protein 1
D12.776.543.585.562.750.625.750.....Vesicular Glutamate Transport Protein 2
D12.776.543.585.562.750.750.....Vesicular Inhibitory Amino Acid Transport Proteins
D12.776.543.585.625.....Nucleobase, Nucleoside, Nucleotide, and Nucleic Acid Transport Proteins
D12.776.543.585.625.500.....Nucleobase Transport Proteins
D12.776.543.585.625.750.....Nucleoside Transport Proteins
D12.776.543.585.625.750.500.....Equilibrative Nucleoside Transport Proteins
D12.776.543.585.625.750.500.500.....Equilibrative Nucleoside Transporter 1
D12.776.543.585.625.750.500.750.....Equilibrative-Nucleoside Transporter 2
D12.776.543.585.625.875.....Nucleotide Transport Proteins
D12.776.543.585.625.875.500.....Mitochondrial ADP, ATP Translocases
D12.776.543.585.625.875.500.100.....Adenine Nucleotide Translocator 1
D12.776.543.585.625.875.500.200.....Adenine Nucleotide Translocator 2
D12.776.543.585.625.875.500.300.....Adenine Nucleotide Translocator 3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.750.....Nucleocytoplasmic Transport Proteins
D12.776.543.585.750.100.....Aryl Hydrocarbon Receptor Nuclear Translocator
D12.776.543.585.750.200.....Cellular Apoptosis Susceptibility Protein
D12.776.543.585.750.500.....Karyopherins
D12.776.543.585.750.500.100.....alpha Karyopherins
D12.776.543.585.750.500.249.....beta Karyopherins
D12.776.543.585.750.625.....Nuclear Pore Complex Proteins
D12.776.543.585.750.687.....Period Circadian Proteins
D12.776.543.585.750.750.....ran GTP-Binding Protein
D12.776.543.585.813.....P-type ATPases
D12.776.543.585.813.250.....Calcium-Transporting ATPases
D12.776.543.585.813.250.249.....Plasma Membrane Calcium-Transporting ATPases
D12.776.543.585.813.250.500.....Sarcoplasmic Reticulum Calcium-Transporting ATPases
D12.776.543.585.813.500.....Copper-transporting ATPases
D12.776.543.585.813.625.....H(+)-K(+)-Exchanging ATPase
D12.776.543.585.813.750.....Sodium-Potassium-Exchanging ATPase
D12.776.543.585.875.....SEC Translocation Channels
D12.776.543.585.937.....Solute Carrier Proteins
D12.776.543.585.937.250.....Amino Acid Transport System X-AG
D12.776.543.585.937.250.500.....Glutamate Plasma Membrane Transport Proteins
D12.776.543.585.937.250.500.500.....Excitatory Amino Acid Transporter 1
D12.776.543.585.937.250.500.750.....Excitatory Amino Acid Transporter 2
D12.776.543.585.937.250.500.875.....Excitatory Amino Acid Transporter 3
D12.776.543.585.937.250.500.937.....Excitatory Amino Acid Transporter 4
D12.776.543.585.937.250.500.968.....Excitatory Amino Acid Transporter 5
D12.776.543.585.937.313.....Amino Acid Transport System y+L
D12.776.543.585.937.313.500.....Fusion Regulatory Protein-1
D12.776.543.585.937.313.500.250.....Fusion Regulatory Protein 1, Heavy Chain
D12.776.543.585.937.313.500.625.....Fusion Regulatory Protein 1, Light Chains
D12.776.543.585.937.313.500.625.500.....Large Neutral Amino Acid-Transporter 1
D12.776.543.585.937.375.....Amino Acid Transport System y+
D12.776.543.585.937.375.200.....Cationic Amino Acid Transporter 1
D12.776.543.585.937.375.300.....Cationic Amino Acid Transporter 2
D12.776.543.585.937.500.....Dopamine Plasma Membrane Transport Proteins
D12.776.543.585.937.563.....Equilibrative Nucleoside Transport Proteins
D12.776.543.585.937.563.500.....Equilibrative Nucleoside Transporter 1
D12.776.543.585.937.563.750.....Equilibrative-Nucleoside Transporter 2
D12.776.543.585.937.625.....Glucose Transport Proteins, Facilitative
D12.776.543.585.937.625.500.....Glucose Transporter Type 1
D12.776.543.585.937.625.750.....Glucose Transporter Type 2
D12.776.543.585.937.625.875.....Glucose Transporter Type 3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.937.625.937.....Glucose Transporter Type 4
D12.776.543.585.937.625.968.....Glucose Transporter Type 5
D12.776.543.585.937.688.....Mitochondrial ADP, ATP Translocases
D12.776.543.585.937.688.100.....Adenine Nucleotide Translocator 1
D12.776.543.585.937.688.200.....Adenine Nucleotide Translocator 2
D12.776.543.585.937.688.300.....Adenine Nucleotide Translocator 3
D12.776.543.585.937.696.....Mitochondrial Uncoupling Proteins
D12.776.543.585.937.696.500.....Uncoupling Protein 1
D12.776.543.585.937.696.750.....Uncoupling Protein 2
D12.776.543.585.937.696.875.....Uncoupling Protein 3
D12.776.543.585.937.700.....Norepinephrine Plasma Membrane Transport Proteins
D12.776.543.585.937.701.....Organic Cation Transport Proteins
D12.776.543.585.937.701.500.....Organic Cation Transporter 1
D12.776.543.585.937.701.625.....Organic Cation Transporter 2
D12.776.543.585.937.701.750.....Solute Carrier Family 22 Member 5
D12.776.543.585.937.702.....Peptide Transporter 1
D12.776.543.585.937.719.....Organic Anion Transport Protein 1
D12.776.543.585.937.735.....Proton-Coupled Folate Transporter
D12.776.543.585.937.743.....Reduced Folate Carrier Protein
D12.776.543.585.937.747.....Serotonin Plasma Membrane Transport Proteins
D12.776.543.585.937.750.....SLC4A Proteins
D12.776.543.585.937.750.249.....Chloride-Bicarbonate Antiporters
D12.776.543.585.937.750.249.500.....Anion Exchange Protein 1, Erythrocyte
D12.776.543.585.937.750.500.....Sodium-Bicarbonate Symporters
D12.776.543.585.937.813.....Sodium-Coupled Vitamin C Transporters
D12.776.543.585.937.821.....Sodium-Glucose Transporter 1
D12.776.543.585.937.825.....Sodium-Glucose Transporter 2
D12.776.543.585.937.828.....Sodium-Hydrogen Exchangers
D12.776.543.585.937.828.500.....Sodium-Hydrogen Exchanger 1
D12.776.543.585.937.828.750.....Sodium-Hydrogen Exchanger 3
D12.776.543.585.937.829.....Sodium-Phosphate Cotransporter Proteins, Type II
D12.776.543.585.937.829.124.....Sodium-Phosphate Cotransporter Proteins, Type IIa
D12.776.543.585.937.829.249.....Sodium-Phosphate Cotransporter Proteins, Type IIb
D12.776.543.585.937.829.500.....Sodium-Phosphate Cotransporter Proteins, Type IIc
D12.776.543.585.937.844.....Sodium-Phosphate Cotransporter Proteins, Type III
D12.776.543.585.937.875.....Sodium-Potassium-Chloride Symporters
D12.776.543.585.937.875.500.....Solute Carrier Family 12, Member 1
D12.776.543.585.937.875.625.....Solute Carrier Family 12, Member 2
D12.776.543.585.937.875.750.....Solute Carrier Family 12, Member 3
D12.776.543.585.937.875.875.....Solute Carrier Family 12, Member 4
D12.776.543.585.937.901.....Solute Carrier Organic Anion Transporter Family Member 1b1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.585.937.950.....Solute Carrier Organic Anion Transporter Family Member 1B3
D12.776.543.585.937.975.....Zinc Transporter 8
D12.776.543.602.....Mitochondrial Trifunctional Protein
D12.776.543.602.200.....Mitochondrial Trifunctional Protein, alpha Subunit
D12.776.543.602.500.....Mitochondrial Trifunctional Protein, beta Subunit
D12.776.543.620.....Myelin Proteins
D12.776.543.620.264.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D12.776.543.620.530.....Myelin-Associated Glycoprotein
D12.776.543.620.540.....Myelin Basic Protein
D12.776.543.620.550.....Myelin-Oligodendrocyte Glycoprotein
D12.776.543.620.570.....Myelin P0 Protein
D12.776.543.620.575.....Myelin P2 Protein
D12.776.543.620.580.....Myelin Proteolipid Protein
D12.776.543.620.738.....Nogo Proteins
D12.776.543.620.895.....Oligodendrocyte-Myelin Glycoprotein
D12.776.543.637.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.543.653.....NADPH Oxidases
D12.776.543.653.500.....Dual Oxidases
D12.776.543.653.750.....NADPH Oxidase 1
D12.776.543.653.875.....NADPH Oxidase 2
D12.776.543.653.937.....NADPH Oxidase 4
D12.776.543.653.968.....NADPH Oxidase 5
D12.776.543.685.....Neurofibromin 2
D12.776.543.689.....Peroxisomal Biogenesis Factor 2
D12.776.543.693.....Phospholipid Transfer Proteins
D12.776.543.695.....Pore Forming Cytotoxic Proteins
D12.776.543.695.054.....Antimicrobial Cationic Peptides
D12.776.543.695.054.099.....Cathelicidins
D12.776.543.695.054.149.....Cecropins
D12.776.543.695.054.200.....Defensins
D12.776.543.695.054.200.050.....alpha-Defensins
D12.776.543.695.054.200.075.....beta-Defensins
D12.776.543.695.054.400.....Dermcidins
D12.776.543.695.054.425.....Hepcidins
D12.776.543.695.054.450.....Histatins
D12.776.543.695.054.500.....Magainins
D12.776.543.695.054.550.....Melittin
D12.776.543.695.054.600.....Polymyxins
D12.776.543.695.054.600.110.....Colistin
D12.776.543.695.054.600.750.....Polymyxin B
D12.776.543.695.054.800.....Thionins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.695.110.....Bacteriocins
D12.776.543.695.110.700.....Nisin
D12.776.543.695.110.850.....Pediocins
D12.776.543.695.221.....Gramicidin
D12.776.543.695.444.....Hemolysin Proteins
D12.776.543.695.750.....Leukocidins
D12.776.543.695.875.....Perforin
D12.776.543.695.937.....Streptolysins
D12.776.543.696.....Presenilins
D12.776.543.696.500.....Presenilin-1
D12.776.543.696.750.....Presenilin-2
D12.776.543.697.....Protoporphyrinogen Oxidase
D12.776.543.701.....Pulmonary Surfactant-Associated Protein B
D12.776.543.717.....Pulmonary Surfactant-Associated Protein C
D12.776.543.725.....Receptor Activity-Modifying Proteins
D12.776.543.725.100.....Receptor Activity-Modifying Protein 1
D12.776.543.725.200.....Receptor Activity-Modifying Protein 2
D12.776.543.725.300.....Receptor Activity-Modifying Protein 3
D12.776.543.733.....Receptor-Like Protein Tyrosine Phosphatases
D12.776.543.733.937.....Receptor-Like Protein Tyrosine Phosphatases, Class 1
D12.776.543.733.937.500.....Leukocyte Common Antigens
D12.776.543.750.....Receptors, Cell Surface
D12.776.543.750.003.....Netrin Receptors
D12.776.543.750.003.500.....DCC Receptor
D12.776.543.750.011.....CD36 Antigens
D12.776.543.750.024.....Asialoglycoprotein Receptor
D12.776.543.750.035.....Autoreceptors
D12.776.543.750.045.....Endothelial Protein C Receptor
D12.776.543.750.054.....Methyl-Accepting Chemotaxis Proteins
D12.776.543.750.058.....Patched Receptors
D12.776.543.750.058.500.....Patched-1 Receptor
D12.776.543.750.058.750.....Patched-2 Receptor
D12.776.543.750.130.....Cysteine Loop Ligand-Gated Ion Channel Receptors
D12.776.543.750.130.500.....Receptors, GABA-A
D12.776.543.750.130.625.....Receptors, Glycine
D12.776.543.750.130.687.....Receptors, Nicotinic
D12.776.543.750.130.687.500.....alpha7 Nicotinic Acetylcholine Receptor
D12.776.543.750.130.750.....Receptors, Serotonin, 5-HT3
D12.776.543.750.250.....Endoglin
D12.776.543.750.301.....Folate Receptors, GPI-Anchored
D12.776.543.750.301.500.....Folate Receptor 1



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.301.750.....Folate Receptor 2
D12.776.543.750.400.....Junctional Adhesion Molecule A
D12.776.543.750.590.....Neuropilins
D12.776.543.750.590.500.....Neuropilin-1
D12.776.543.750.590.750.....Neuropilin-2
D12.776.543.750.600.....Nogo Receptors
D12.776.543.750.600.250.....Nogo Receptor 2
D12.776.543.750.600.500.....Nogo Receptor 1
D12.776.543.750.615.....Receptor for Advanced Glycation End Products
D12.776.543.750.630.....Receptor Protein-Tyrosine Kinases
D12.776.543.750.630.003.....c-Mer Tyrosine Kinase
D12.776.543.750.630.005.....Discoidin Domain Receptors
D12.776.543.750.630.005.500.....Discoidin Domain Receptor 1
D12.776.543.750.630.005.750.....Discoidin Domain Receptor 2
D12.776.543.750.630.009.....ErbB Receptors
D12.776.543.750.630.009.300.....Receptor, Epidermal Growth Factor
D12.776.543.750.630.009.400.....Receptor, ErbB-2
D12.776.543.750.630.009.500.....Receptor, ErbB-3
D12.776.543.750.630.009.600.....Receptor, ErbB-4
D12.776.543.750.630.020.....fms-Like Tyrosine Kinase 3
D12.776.543.750.630.124.....Proto-Oncogene Proteins c-kit
D12.776.543.750.630.186.....Proto-Oncogene Proteins c-met
D12.776.543.750.630.217.....Proto-Oncogene Proteins c-ret
D12.776.543.750.630.233.....Receptor Tyrosine Kinase-like Orphan Receptors
D12.776.543.750.630.440.....Receptor, Fibroblast Growth Factor, Type 1
D12.776.543.750.630.441.....Receptor, Fibroblast Growth Factor, Type 2
D12.776.543.750.630.442.....Receptor, Fibroblast Growth Factor, Type 3
D12.776.543.750.630.443.....Receptor, Fibroblast Growth Factor, Type 4
D12.776.543.750.630.468.....Receptor, IGF Type 1
D12.776.543.750.630.484.....Receptor, Insulin
D12.776.543.750.630.492.....Receptor, Macrophage Colony-Stimulating Factor
D12.776.543.750.630.496.....Receptor, trkA
D12.776.543.750.630.498.....Receptor, trkB
D12.776.543.750.630.499.....Receptor, trkC
D12.776.543.750.630.500.....Receptors, Eph Family
D12.776.543.750.630.500.050.....Receptor, EphA1
D12.776.543.750.630.500.100.....Receptor, EphA2
D12.776.543.750.630.500.150.....Receptor, EphA3
D12.776.543.750.630.500.200.....Receptor, EphA4
D12.776.543.750.630.500.250.....Receptor, EphA5
D12.776.543.750.630.500.300.....Receptor, EphA6

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.630.500.350.....Receptor, EphA7
D12.776.543.750.630.500.400.....Receptor, EphA8
D12.776.543.750.630.500.450.....Receptor, EphB1
D12.776.543.750.630.500.500.....Receptor, EphB2
D12.776.543.750.630.500.687.....Receptor, EphB3
D12.776.543.750.630.500.781.....Receptor, EphB4
D12.776.543.750.630.500.875.....Receptor, EphB5
D12.776.543.750.630.500.937.....Receptor, EphB6
D12.776.543.750.630.625.....Receptors, Platelet-Derived Growth Factor
D12.776.543.750.630.625.300.....Receptor, Platelet-Derived Growth Factor alpha
D12.776.543.750.630.625.400.....Receptor, Platelet-Derived Growth Factor beta
D12.776.543.750.630.687.....Receptors, TIE
D12.776.543.750.630.687.249.....Receptor, TIE-1
D12.776.543.750.630.687.500.....Receptor, TIE-2
D12.776.543.750.630.750.....Receptors, Vascular Endothelial Growth Factor
D12.776.543.750.630.750.100.....Vascular Endothelial Growth Factor Receptor-1
D12.776.543.750.630.750.200.....Vascular Endothelial Growth Factor Receptor-2
D12.776.543.750.630.750.300.....Vascular Endothelial Growth Factor Receptor-3
D12.776.543.750.650.....Receptors, Adipokine
D12.776.543.750.650.249.....Receptors, Adiponectin
D12.776.543.750.650.500.....Receptors, Leptin
D12.776.543.750.655.....Receptors, Artificial
D12.776.543.750.660.....Receptors, Autocrine Motility Factor
D12.776.543.750.670.....Receptors, Biogenic Amine
D12.776.543.750.670.300.....Receptors, Catecholamine
D12.776.543.750.670.300.300.....Receptors, Adrenergic
D12.776.543.750.670.300.300.300.....Receptors, Adrenergic, alpha
D12.776.543.750.670.300.300.300.100.....Receptors, Adrenergic, alpha-1
D12.776.543.750.670.300.300.300.200.....Receptors, Adrenergic, alpha-2
D12.776.543.750.670.300.300.340.....Receptors, Adrenergic, beta
D12.776.543.750.670.300.300.340.100.....Receptors, Adrenergic, beta-1
D12.776.543.750.670.300.300.340.200.....Receptors, Adrenergic, beta-2
D12.776.543.750.670.300.300.340.300.....Receptors, Adrenergic, beta-3
D12.776.543.750.670.300.400.....Receptors, Dopamine
D12.776.543.750.670.300.400.400.....Receptors, Dopamine D1
D12.776.543.750.670.300.400.400.500.....Receptors, Dopamine D5
D12.776.543.750.670.300.400.500.....Receptors, Dopamine D2
D12.776.543.750.670.300.400.500.249.....Receptors, Dopamine D3
D12.776.543.750.670.300.400.500.500.....Receptors, Dopamine D4
D12.776.543.750.670.450.....Receptors, Histamine
D12.776.543.750.670.450.300.....Receptors, Histamine H1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.670.450.400.....Receptors, Histamine H2
D12.776.543.750.670.450.500.....Receptors, Histamine H3
D12.776.543.750.670.450.750.....Receptors, Histamine H4
D12.776.543.750.670.800.....Receptors, Serotonin
D12.776.543.750.670.800.100.....Receptors, Serotonin, 5-HT1
D12.776.543.750.670.800.100.100.....Receptor, Serotonin, 5-HT1A
D12.776.543.750.670.800.100.150.....Receptor, Serotonin, 5-HT1B
D12.776.543.750.670.800.100.200.....Receptor, Serotonin, 5-HT1D
D12.776.543.750.670.800.200.....Receptors, Serotonin, 5-HT2
D12.776.543.750.670.800.200.100.....Receptor, Serotonin, 5-HT2A
D12.776.543.750.670.800.200.150.....Receptor, Serotonin, 5-HT2B
D12.776.543.750.670.800.200.200.....Receptor, Serotonin, 5-HT2C
D12.776.543.750.670.800.300.....Receptors, Serotonin, 5-HT3
D12.776.543.750.670.800.400.....Receptors, Serotonin, 5-HT4
D12.776.543.750.685.....Receptors, Collagen
D12.776.543.750.685.050.....Discoidin Domain Receptors
D12.776.543.750.685.050.500.....Discoidin Domain Receptor 1
D12.776.543.750.685.050.750.....Discoidin Domain Receptor 2
D12.776.543.750.685.100.....Integrin alpha1beta1
D12.776.543.750.685.200.....Integrin alpha2beta1
D12.776.543.750.685.300.....Integrin alpha3beta1
D12.776.543.750.690.....Receptors, Death Domain
D12.776.543.750.690.500.....fas Receptor
D12.776.543.750.690.550.....Edar Receptor
D12.776.543.750.690.600.....Receptors, TNF-Related Apoptosis-Inducing Ligand
D12.776.543.750.690.725.....Receptors, Tumor Necrosis Factor, Member 25
D12.776.543.750.690.750.....Receptors, Tumor Necrosis Factor, Type I
D12.776.543.750.695.....Receptors, G-Protein-Coupled
D12.776.543.750.695.006.....Apelin Receptors
D12.776.543.750.695.011.....Calcitonin Receptor-Like Protein
D12.776.543.750.695.017.....Frizzled Receptors
D12.776.543.750.695.017.500.....Smoothed Receptor
D12.776.543.750.695.021.....Glucagon-Like Peptide Receptors
D12.776.543.750.695.021.500.....Glucagon-Like Peptide-1 Receptor
D12.776.543.750.695.021.600.....Glucagon-Like Peptide-2 Receptor
D12.776.543.750.695.022.....Receptors, Kisspeptin-1
D12.776.543.750.695.023.....Orexin Receptors
D12.776.543.750.695.024.....Receptor, Anaphylatoxin C5a
D12.776.543.750.695.035.....Receptor, PAR-2
D12.776.543.750.695.041.....Receptors, Adrenomedullin
D12.776.543.750.695.047.....Receptors, Angiotensin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.695.047.625.....Receptor, Angiotensin, Type 1
D12.776.543.750.695.047.687.....Receptor, Angiotensin, Type 2
D12.776.543.750.695.070.....Receptors, Bombesin
D12.776.543.750.695.080.....Receptors, Bradykinin
D12.776.543.750.695.080.249.....Receptor, Bradykinin B1
D12.776.543.750.695.080.500.....Receptor, Bradykinin B2
D12.776.543.750.695.100.....Receptors, Calcitonin
D12.776.543.750.695.105.....Receptors, Calcitonin Gene-Related Peptide
D12.776.543.750.695.115.....Receptors, Calcium-Sensing
D12.776.543.750.695.125.....Receptors, Cannabinoid
D12.776.543.750.695.125.100.....Receptor, Cannabinoid, CB1
D12.776.543.750.695.125.200.....Receptor, Cannabinoid, CB2
D12.776.543.750.695.150.....Receptors, Catecholamine
D12.776.543.750.695.150.300.....Receptors, Adrenergic
D12.776.543.750.695.150.300.300.....Receptors, Adrenergic, alpha
D12.776.543.750.695.150.300.300.700.....Receptors, Adrenergic, alpha-1
D12.776.543.750.695.150.300.300.725.....Receptors, Adrenergic, alpha-2
D12.776.543.750.695.150.300.340.....Receptors, Adrenergic, beta
D12.776.543.750.695.150.300.340.700.....Receptors, Adrenergic, beta-1
D12.776.543.750.695.150.300.340.725.....Receptors, Adrenergic, beta-2
D12.776.543.750.695.150.300.340.900.....Receptors, Adrenergic, beta-3
D12.776.543.750.695.150.400.....Receptors, Dopamine
D12.776.543.750.695.150.400.400.....Receptors, Dopamine D1
D12.776.543.750.695.150.400.400.500.....Receptors, Dopamine D5
D12.776.543.750.695.150.400.500.....Receptors, Dopamine D2
D12.776.543.750.695.150.400.500.500.....Receptors, Dopamine D3
D12.776.543.750.695.150.400.500.750.....Receptors, Dopamine D4
D12.776.543.750.695.160.....Receptors, Chemokine
D12.776.543.750.695.160.150.....Receptors, CCR
D12.776.543.750.695.160.150.100.....Receptors, CCR1
D12.776.543.750.695.160.150.200.....Receptors, CCR2
D12.776.543.750.695.160.150.300.....Receptors, CCR3
D12.776.543.750.695.160.150.400.....Receptors, CCR4
D12.776.543.750.695.160.150.500.....Receptors, CCR5
D12.776.543.750.695.160.150.600.....Receptors, CCR6
D12.776.543.750.695.160.150.700.....Receptors, CCR7
D12.776.543.750.695.160.150.800.....Receptors, CCR8
D12.776.543.750.695.160.150.950.....Receptors, CCR10
D12.776.543.750.695.160.500.....Receptors, CXCR
D12.776.543.750.695.160.500.150.....CX3C Chemokine Receptor 1
D12.776.543.750.695.160.500.300.....Receptors, CXCR3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.695.160.500.400.....Receptors, CXCR4
D12.776.543.750.695.160.500.500.....Receptors, CXCR5
D12.776.543.750.695.160.500.625.....Receptors, CXCR6
D12.776.543.750.695.160.500.750.....Receptors, Interleukin-8
D12.776.543.750.695.160.500.750.500.....Receptors, Interleukin-8A
D12.776.543.750.695.160.500.750.750.....Receptors, Interleukin-8B
D12.776.543.750.695.170.....Receptors, Cholecystokinin
D12.776.543.750.695.170.100.....Receptor, Cholecystokinin A
D12.776.543.750.695.170.200.....Receptor, Cholecystokinin B
D12.776.543.750.695.180.....Receptors, Corticotropin-Releasing Hormone
D12.776.543.750.695.200.....Receptors, Eicosanoid
D12.776.543.750.695.200.450.....Receptors, Leukotriene
D12.776.543.750.695.200.450.300.....Receptors, Leukotriene B4
D12.776.543.750.695.200.575.....Receptors, Lipoxin
D12.776.543.750.695.200.700.....Receptors, Prostaglandin
D12.776.543.750.695.200.700.299.....Receptors, Epoprostenol
D12.776.543.750.695.200.700.600.....Receptors, Prostaglandin E
D12.776.543.750.695.200.700.600.100.....Receptors, Prostaglandin E, EP1 Subtype
D12.776.543.750.695.200.700.600.200.....Receptors, Prostaglandin E, EP2 Subtype
D12.776.543.750.695.200.700.600.300.....Receptors, Prostaglandin E, EP3 Subtype
D12.776.543.750.695.200.700.600.400.....Receptors, Prostaglandin E, EP4 Subtype
D12.776.543.750.695.200.700.800.....Receptors, Thromboxane A2, Prostaglandin H2
D12.776.543.750.695.200.800.....Receptors, Thromboxane
D12.776.543.750.695.200.800.500.....Receptors, Thromboxane A2, Prostaglandin H2
D12.776.543.750.695.220.....Receptors, Endothelin
D12.776.543.750.695.220.100.....Receptor, Endothelin A
D12.776.543.750.695.220.200.....Receptor, Endothelin B
D12.776.543.750.695.235.....Receptors, Formyl Peptide
D12.776.543.750.695.250.....Receptors, FSH
D12.776.543.750.695.300.....Receptors, GABA-B
D12.776.543.750.695.315.....Receptors, Galanin
D12.776.543.750.695.315.100.....Receptor, Galanin, Type 1
D12.776.543.750.695.315.200.....Receptor, Galanin, Type 2
D12.776.543.750.695.315.300.....Receptor, Galanin, Type 3
D12.776.543.750.695.322.....Receptors, Ghrelin
D12.776.543.750.695.330.....Receptors, Glucagon
D12.776.543.750.695.350.....Receptors, Histamine H1
D12.776.543.750.695.355.....Receptors, Histamine H2
D12.776.543.750.695.358.....Receptors, Histamine H4
D12.776.543.750.695.360.....Receptors, Islet Amyloid Polypeptide
D12.776.543.750.695.400.....Receptors, LH

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.695.410.....Receptors, LHRH
D12.776.543.750.695.420.....Receptors, Lysophospholipid
D12.776.543.750.695.420.249.....Receptors, Lysophosphatidic Acid
D12.776.543.750.695.420.500.....Receptors, Lysosphingolipid
D12.776.543.750.695.430.....Receptors, Melanocortin
D12.776.543.750.695.430.500.....Receptor, Melanocortin, Type 1
D12.776.543.750.695.430.750.....Receptor, Melanocortin, Type 2
D12.776.543.750.695.430.875.....Receptor, Melanocortin, Type 3
D12.776.543.750.695.430.937.....Receptor, Melanocortin, Type 4
D12.776.543.750.695.440.....Receptors, Melatonin
D12.776.543.750.695.440.500.....Receptor, Melatonin, MT1
D12.776.543.750.695.440.750.....Receptor, Melatonin, MT2
D12.776.543.750.695.450.....Receptors, Metabotropic Glutamate
D12.776.543.750.695.450.500.....Receptor, Metabotropic Glutamate 5
D12.776.543.750.695.475.....Receptors, Muscarinic
D12.776.543.750.695.475.100.....Receptor, Muscarinic M1
D12.776.543.750.695.475.200.....Receptor, Muscarinic M2
D12.776.543.750.695.475.300.....Receptor, Muscarinic M3
D12.776.543.750.695.475.400.....Receptor, Muscarinic M4
D12.776.543.750.695.475.500.....Receptor, Muscarinic M5
D12.776.543.750.695.500.....Receptors, Neuropeptide Y
D12.776.543.750.695.550.....Receptors, Neurotensin
D12.776.543.750.695.600.....Receptors, Odorant
D12.776.543.750.695.620.....Receptors, Opioid
D12.776.543.750.695.620.200.....Receptors, Opioid, delta
D12.776.543.750.695.620.400.....Receptors, Opioid, kappa
D12.776.543.750.695.620.550.....Receptors, Opioid, mu
D12.776.543.750.695.620.775.....Receptors, sigma
D12.776.543.750.695.630.....Receptors, Oxytocin
D12.776.543.750.695.650.....Receptors, Parathyroid Hormone
D12.776.543.750.695.650.100.....Receptor, Parathyroid Hormone, Type 1
D12.776.543.750.695.650.200.....Receptor, Parathyroid Hormone, Type 2
D12.776.543.750.695.660.....Receptors, Pheromone
D12.776.543.750.695.660.500.....Receptors, Mating Factor
D12.776.543.750.695.665.....Receptors, Pituitary Adenylate Cyclase-Activating Polypeptide
D12.776.543.750.695.665.500.....Receptors, Pituitary Adenylate Cyclase-Activating Polypeptide, Type I
D12.776.543.750.695.665.750.....Receptors, Vasoactive Intestinal Peptide, Type II
D12.776.543.750.695.665.760.....Receptors, Vasoactive Intestinal Polypeptide, Type I
D12.776.543.750.695.700.....Receptors, Purinergic
D12.776.543.750.695.700.150.....Receptors, Cyclic AMP
D12.776.543.750.695.700.700.....Receptors, Purinergic P1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.695.700.700.100.....Receptor, Adenosine A1
D12.776.543.750.695.700.700.200.....Receptors, Adenosine A2
D12.776.543.750.695.700.700.200.100.....Receptor, Adenosine A2A
D12.776.543.750.695.700.700.200.200.....Receptor, Adenosine A2B
D12.776.543.750.695.700.700.300.....Receptor, Adenosine A3
D12.776.543.750.695.700.720.....Receptors, Purinergic P2
D12.776.543.750.695.700.720.250.....Receptors, Purinergic P2X
D12.776.543.750.695.700.720.250.100.....Receptors, Purinergic P2X1
D12.776.543.750.695.700.720.250.200.....Receptors, Purinergic P2X2
D12.776.543.750.695.700.720.250.300.....Receptors, Purinergic P2X3
D12.776.543.750.695.700.720.250.400.....Receptors, Purinergic P2X4
D12.776.543.750.695.700.720.250.500.....Receptors, Purinergic P2X5
D12.776.543.750.695.700.720.250.700.....Receptors, Purinergic P2X7
D12.776.543.750.695.700.720.500.....Receptors, Purinergic P2Y
D12.776.543.750.695.700.720.500.100.....Receptors, Purinergic P2Y1
D12.776.543.750.695.700.720.500.200.....Receptors, Purinergic P2Y2
D12.776.543.750.695.700.720.500.300.....Receptors, Purinergic P2Y12
D12.776.543.750.695.800.....Receptors, Serotonin
D12.776.543.750.695.800.100.....Receptors, Serotonin, 5-HT1
D12.776.543.750.695.800.100.100.....Receptor, Serotonin, 5-HT1A
D12.776.543.750.695.800.100.150.....Receptor, Serotonin, 5-HT1B
D12.776.543.750.695.800.100.200.....Receptor, Serotonin, 5-HT1D
D12.776.543.750.695.800.200.....Receptors, Serotonin, 5-HT2
D12.776.543.750.695.800.200.100.....Receptor, Serotonin, 5-HT2A
D12.776.543.750.695.800.200.150.....Receptor, Serotonin, 5-HT2B
D12.776.543.750.695.800.200.200.....Receptor, Serotonin, 5-HT2C
D12.776.543.750.695.800.400.....Receptors, Serotonin, 5-HT4
D12.776.543.750.695.850.....Receptors, Somatostatin
D12.776.543.750.695.862.....Receptors, Tachykinin
D12.776.543.750.695.862.500.....Receptors, Neurokinin-1
D12.776.543.750.695.862.540.....Receptors, Neurokinin-2
D12.776.543.750.695.862.580.....Receptors, Neurokinin-3
D12.776.543.750.695.875.....Receptors, Thrombin
D12.776.543.750.695.875.500.....Receptor, PAR-1
D12.776.543.750.695.900.....Receptors, Vasoactive Intestinal Peptide
D12.776.543.750.695.900.500.....Receptors, Vasoactive Intestinal Peptide, Type II
D12.776.543.750.695.900.520.....Receptors, Vasoactive Intestinal Polypeptide, Type I
D12.776.543.750.695.910.....Receptors, Vasopressin
D12.776.543.750.695.955.....Rhodopsin
D12.776.543.750.700.....Receptors, Guanylate Cyclase-Coupled
D12.776.543.750.700.250.....Receptors, Enterotoxin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.700.500.....Receptors, Atrial Natriuretic Factor
D12.776.543.750.705.....Receptors, Immunologic
D12.776.543.750.705.023.....Leukocyte Immunoglobulin-like Receptor B1
D12.776.543.750.705.045.....Lipopolysaccharide Receptors
D12.776.543.750.705.222.....Costimulatory and Inhibitory T-Cell Receptors
D12.776.543.750.705.222.500.....CD28 Antigens
D12.776.543.750.705.222.750.....CTLA-4 Antigen
D12.776.543.750.705.222.812.....Inducible T-Cell Co-Stimulator Protein
D12.776.543.750.705.222.875.....Programmed Cell Death 1 Receptor
D12.776.543.750.705.400.....Immunophilins
D12.776.543.750.705.400.300.....Cyclophilins
D12.776.543.750.705.400.700.....Tacrolimus Binding Proteins
D12.776.543.750.705.400.700.500.....Tacrolimus Binding Protein 1A
D12.776.543.750.705.408.....Integrins
D12.776.543.750.705.408.100.....Integrin alpha Chains
D12.776.543.750.705.408.100.100.....CD11a Antigen
D12.776.543.750.705.408.100.150.....CD11b Antigen
D12.776.543.750.705.408.100.200.....CD11c Antigen
D12.776.543.750.705.408.100.300.....Integrin alpha1
D12.776.543.750.705.408.100.350.....Integrin alpha2
D12.776.543.750.705.408.100.400.....Integrin alpha3
D12.776.543.750.705.408.100.450.....Integrin alpha4
D12.776.543.750.705.408.100.500.....Integrin alpha5
D12.776.543.750.705.408.100.550.....Integrin alpha6
D12.776.543.750.705.408.100.900.....Integrin alphaV
D12.776.543.750.705.408.100.950.....Platelet Membrane Glycoprotein IIb
D12.776.543.750.705.408.200.....Integrin beta Chains
D12.776.543.750.705.408.200.249.....CD18 Antigens
D12.776.543.750.705.408.200.500.....Integrin beta1
D12.776.543.750.705.408.200.750.....Integrin beta3
D12.776.543.750.705.408.200.800.....Integrin beta4
D12.776.543.750.705.408.460.....Receptors, Cytoadhesin
D12.776.543.750.705.408.460.170.....Integrin alpha6beta4
D12.776.543.750.705.408.460.700.....Platelet Glycoprotein GPIIb-IIIa Complex
D12.776.543.750.705.408.460.870.....Receptors, Vitronectin
D12.776.543.750.705.408.460.870.500.....Integrin alphaVbeta3
D12.776.543.750.705.408.495.....Receptors, Fibrinogen
D12.776.543.750.705.408.495.500.....Macrophage-1 Antigen
D12.776.543.750.705.408.530.....Receptors, Fibronectin
D12.776.543.750.705.408.530.249.....Integrin alpha2beta1
D12.776.543.750.705.408.530.500.....Integrin alpha4beta1



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.408.530.750.....Integrin alpha5beta1
D12.776.543.750.705.408.600.....Receptors, Leukocyte-Adhesion
D12.776.543.750.705.408.600.100.....Integrin alphaXbeta2
D12.776.543.750.705.408.600.100.500.....CD11c Antigen
D12.776.543.750.705.408.600.100.750.....CD18 Antigens
D12.776.543.750.705.408.600.400.....Lymphocyte Function-Associated Antigen-1
D12.776.543.750.705.408.600.500.....Macrophage-1 Antigen
D12.776.543.750.705.408.850.....Receptors, Very Late Antigen
D12.776.543.750.705.408.850.099.....Integrin alpha1beta1
D12.776.543.750.705.408.850.199.....Integrin alpha2beta1
D12.776.543.750.705.408.850.249.....Integrin alpha3beta1
D12.776.543.750.705.408.850.299.....Integrin alpha4beta1
D12.776.543.750.705.408.850.349.....Integrin alpha5beta1
D12.776.543.750.705.408.850.674.....Integrin alpha6beta1
D12.776.543.750.705.675.....Platelet Membrane Glycoproteins
D12.776.543.750.705.675.136.....CD36 Antigens
D12.776.543.750.705.675.352.....Integrin alpha2beta1
D12.776.543.750.705.675.460.....Integrin alpha5beta1
D12.776.543.750.705.675.514.....Integrin alpha6beta1
D12.776.543.750.705.675.541.....Integrin alphaVbeta3
D12.776.543.750.705.675.554.....Lysosomal-Associated Membrane Protein 1
D12.776.543.750.705.675.568.....Platelet Glycoprotein GPIb-IX Complex
D12.776.543.750.705.675.784.....Platelet Glycoprotein GPIIb-IIIa Complex
D12.776.543.750.705.675.892.....Receptors, Thrombin
D12.776.543.750.705.675.892.790.....Receptor, PAR-1
D12.776.543.750.705.675.892.800.....Thrombomodulin
D12.776.543.750.705.816.....Receptors, Antigen
D12.776.543.750.705.816.821.....Receptors, Antigen, B-Cell
D12.776.543.750.705.816.821.500.....CD79 Antigens
D12.776.543.750.705.816.821.750.....Pre-B Cell Receptors
D12.776.543.750.705.816.821.750.500.....Immunoglobulin Light Chains, Surrogate
D12.776.543.750.705.816.824.....Receptors, Antigen, T-Cell
D12.776.543.750.705.816.824.300.....Complementarity Determining Regions
D12.776.543.750.705.816.824.800.....Receptor-CD3 Complex, Antigen, T-Cell
D12.776.543.750.705.816.824.825.....Receptors, Antigen, T-Cell, alpha-beta
D12.776.543.750.705.816.824.830.....Receptors, Antigen, T-Cell, gamma-delta
D12.776.543.750.705.833.....Receptors, Complement
D12.776.543.750.705.833.062.....CD11b Antigen
D12.776.543.750.705.833.124.....Membrane Cofactor Protein
D12.776.543.750.705.833.249.....Integrin alphaXbeta2
D12.776.543.750.705.833.249.500.....CD11c Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.833.249.750.....CD18 Antigens
D12.776.543.750.705.833.500.....Macrophage-1 Antigen
D12.776.543.750.705.833.550.....Receptor, Anaphylatoxin C5a
D12.776.543.750.705.833.600.....Receptors, Complement 3b
D12.776.543.750.705.833.610.....Receptors, Complement 3d
D12.776.543.750.705.852.....Receptors, Cytokine
D12.776.543.750.705.852.125.....Receptors, Chemokine
D12.776.543.750.705.852.125.150.....Receptors, CCR
D12.776.543.750.705.852.125.150.100.....Receptors, CCR1
D12.776.543.750.705.852.125.150.200.....Receptors, CCR2
D12.776.543.750.705.852.125.150.300.....Receptors, CCR3
D12.776.543.750.705.852.125.150.400.....Receptors, CCR4
D12.776.543.750.705.852.125.150.500.....Receptors, CCR5
D12.776.543.750.705.852.125.150.600.....Receptors, CCR6
D12.776.543.750.705.852.125.150.700.....Receptors, CCR7
D12.776.543.750.705.852.125.150.800.....Receptors, CCR8
D12.776.543.750.705.852.125.150.950.....Receptors, CCR10
D12.776.543.750.705.852.125.500.....Receptors, CXCR
D12.776.543.750.705.852.125.500.150.....CX3C Chemokine Receptor 1
D12.776.543.750.705.852.125.500.300.....Receptors, CXCR3
D12.776.543.750.705.852.125.500.400.....Receptors, CXCR4
D12.776.543.750.705.852.125.500.500.....Receptors, CXCR5
D12.776.543.750.705.852.125.500.625.....Receptors, CXCR6
D12.776.543.750.705.852.125.500.750.....Receptors, Interleukin-8
D12.776.543.750.705.852.125.500.750.500.....Receptors, Interleukin-8A
D12.776.543.750.705.852.125.500.750.750.....Receptors, Interleukin-8B
D12.776.543.750.705.852.150.....Receptors, Colony-Stimulating Factor
D12.776.543.750.705.852.150.100.....Proto-Oncogene Proteins c-kit
D12.776.543.750.705.852.150.150.....Receptor, Macrophage Colony-Stimulating Factor
D12.776.543.750.705.852.150.200.....Receptors, Erythropoietin
D12.776.543.750.705.852.150.280.....Receptors, Granulocyte Colony-Stimulating Factor
D12.776.543.750.705.852.150.310.....Receptors, Granulocyte-Macrophage Colony-Stimulating Factor
D12.776.543.750.705.852.150.310.500.....Cytokine Receptor Common beta Subunit
D12.776.543.750.705.852.150.360.....Receptors, Interleukin-3
D12.776.543.750.705.852.400.....Receptors, Interferon
D12.776.543.750.705.852.400.500.....Receptor, Interferon alpha-beta
D12.776.543.750.705.852.420.....Receptors, Interleukin
D12.776.543.750.705.852.420.300.....Receptors, Interleukin-1
D12.776.543.750.705.852.420.300.249.....Interleukin-1 Receptor Accessory Protein
D12.776.543.750.705.852.420.300.375.....Interleukin-1 Receptor-Like 1 Protein
D12.776.543.750.705.852.420.300.500.....Receptors, Interleukin-1 Type I

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.852.420.300.750.....Receptors, Interleukin-1 Type II
D12.776.543.750.705.852.420.320.....Receptors, Interleukin-2
D12.776.543.750.705.852.420.320.500.....Interleukin-2 Receptor alpha Subunit
D12.776.543.750.705.852.420.320.750.....Interleukin-2 Receptor beta Subunit
D12.776.543.750.705.852.420.320.875.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.420.340.....Receptors, Interleukin-3
D12.776.543.750.705.852.420.340.350.....Cytokine Receptor Common beta Subunit
D12.776.543.750.705.852.420.340.500.....Interleukin-3 Receptor alpha Subunit
D12.776.543.750.705.852.420.360.....Receptors, Interleukin-4
D12.776.543.750.705.852.420.360.300.....Receptors, Interleukin-4, Type I
D12.776.543.750.705.852.420.360.300.200.....Interleukin-4 Receptor alpha Subunit
D12.776.543.750.705.852.420.360.300.500.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.420.360.600.....Receptors, Interleukin-4, Type II
D12.776.543.750.705.852.420.360.600.200.....Interleukin-4 Receptor alpha Subunit
D12.776.543.750.705.852.420.360.600.500.....Interleukin-13 Receptor alpha1 Subunit
D12.776.543.750.705.852.420.380.....Receptors, Interleukin-5
D12.776.543.750.705.852.420.380.500.....Cytokine Receptor Common beta Subunit
D12.776.543.750.705.852.420.380.750.....Interleukin-5 Receptor alpha Subunit
D12.776.543.750.705.852.420.400.....Receptors, Interleukin-6
D12.776.543.750.705.852.420.400.500.....Cytokine Receptor gp130
D12.776.543.750.705.852.420.400.750.....Interleukin-6 Receptor alpha Subunit
D12.776.543.750.705.852.420.420.....Receptors, Interleukin-7
D12.776.543.750.705.852.420.420.450.....Interleukin-7 Receptor alpha Subunit
D12.776.543.750.705.852.420.420.500.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.420.421.....Receptors, Interleukin-8
D12.776.543.750.705.852.420.421.500.....Receptors, Interleukin-8A
D12.776.543.750.705.852.420.421.750.....Receptors, Interleukin-8B
D12.776.543.750.705.852.420.500.....Receptors, Interleukin-9
D12.776.543.750.705.852.420.500.500.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.420.550.....Receptors, Interleukin-10
D12.776.543.750.705.852.420.550.500.....Interleukin-10 Receptor alpha Subunit
D12.776.543.750.705.852.420.550.750.....Interleukin-10 Receptor beta Subunit
D12.776.543.750.705.852.420.560.....Receptors, Interleukin-11
D12.776.543.750.705.852.420.560.249.....Cytokine Receptor gp130
D12.776.543.750.705.852.420.560.500.....Interleukin-11 Receptor alpha Subunit
D12.776.543.750.705.852.420.580.....Receptors, Interleukin-12
D12.776.543.750.705.852.420.580.500.....Interleukin-12 Receptor beta 1 Subunit
D12.776.543.750.705.852.420.580.750.....Interleukin-12 Receptor beta 2 Subunit
D12.776.543.750.705.852.420.600.....Receptors, Interleukin-13
D12.776.543.750.705.852.420.600.300.....Interleukin-13 Receptor alpha2 Subunit
D12.776.543.750.705.852.420.600.800.....Receptors, Interleukin-4, Type II

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.852.420.600.800.200.....Interleukin-4 Receptor alpha Subunit
D12.776.543.750.705.852.420.600.800.500.....Interleukin-13 Receptor alpha1 Subunit
D12.776.543.750.705.852.420.800.....Receptors, Interleukin-15
D12.776.543.750.705.852.420.800.500.....Interleukin-2 Receptor beta Subunit
D12.776.543.750.705.852.420.800.550.....Interleukin-15 Receptor alpha Subunit
D12.776.543.750.705.852.420.800.750.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.420.810.....Receptors, Interleukin-16
D12.776.543.750.705.852.420.810.500.....CD4 Antigens
D12.776.543.750.705.852.420.820.....Receptors, Interleukin-17
D12.776.543.750.705.852.420.830.....Receptors, Interleukin-18
D12.776.543.750.705.852.420.830.500.....Interleukin-18 Receptor alpha Subunit
D12.776.543.750.705.852.420.830.750.....Interleukin-18 Receptor beta Subunit
D12.776.543.750.705.852.420.900.....Receptors, Interleukin-21
D12.776.543.750.705.852.420.900.450.....Interleukin-21 Receptor alpha Subunit
D12.776.543.750.705.852.420.900.500.....Interleukin Receptor Common gamma Subunit
D12.776.543.750.705.852.555.....Receptors, Oncostatin M
D12.776.543.750.705.852.555.600.....Receptors, Oncostatin M, Type II
D12.776.543.750.705.852.555.600.500.....Cytokine Receptor gp130
D12.776.543.750.705.852.555.600.750.....Oncostatin M Receptor beta Subunit
D12.776.543.750.705.852.583.....Receptors, OSM-LIF
D12.776.543.750.705.852.583.500.....Cytokine Receptor gp130
D12.776.543.750.705.852.583.750.....Leukemia Inhibitory Factor Receptor alpha Subunit
D12.776.543.750.705.852.610.....Receptors, Thrombopoietin
D12.776.543.750.705.852.720.....Receptors, Transforming Growth Factor beta
D12.776.543.750.705.852.760.....Receptors, Tumor Necrosis Factor
D12.776.543.750.705.852.760.048.....Tumor Necrosis Factor Receptor Superfamily, Member 7
D12.776.543.750.705.852.760.072.....Ki-1 Antigen
D12.776.543.750.705.852.760.097.....CD40 Antigens
D12.776.543.750.705.852.760.195.....fas Receptor
D12.776.543.750.705.852.760.220.....Tumor Necrosis Factor Receptor Superfamily, Member 9
D12.776.543.750.705.852.760.222.....B-Cell Activation Factor Receptor
D12.776.543.750.705.852.760.226.....B-Cell Maturation Antigen
D12.776.543.750.705.852.760.232.....Etanercept
D12.776.543.750.705.852.760.238.....Glucocorticoid-Induced TNFR-Related Protein
D12.776.543.750.705.852.760.245.....Lymphotoxin beta Receptor
D12.776.543.750.705.852.760.345.....Receptor Activator of Nuclear Factor-kappa B
D12.776.543.750.705.852.760.347.....Receptors, Ectodysplasin
D12.776.543.750.705.852.760.347.500.....Edar Receptor
D12.776.543.750.705.852.760.347.750.....Xedar Receptor
D12.776.543.750.705.852.760.350.....Receptors, OX40
D12.776.543.750.705.852.760.396.....Receptors, TNF-Related Apoptosis-Inducing Ligand

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.852.760.500.....Receptors, Tumor Necrosis Factor, Member 14
D12.776.543.750.705.852.760.505.....Receptors, Tumor Necrosis Factor, Member 25
D12.776.543.750.705.852.760.597.....Receptors, Tumor Necrosis Factor, Type I
D12.776.543.750.705.852.760.798.....Receptors, Tumor Necrosis Factor, Type II
D12.776.543.750.705.852.760.899.....Transmembrane Activator and CAML Interactor Protein
D12.776.543.750.705.852.760.949.....Tumor Necrosis Factor Decoy Receptors
D12.776.543.750.705.852.760.949.249.....Osteoprotegerin
D12.776.543.750.705.852.760.949.400.....Receptors, Tumor Necrosis Factor, Member 6b
D12.776.543.750.705.852.760.949.500.....Receptors, Tumor Necrosis Factor, Member 10c
D12.776.543.750.705.852.760.974.....TWEAK Receptor
D12.776.543.750.705.871.....Receptors, Fc
D12.776.543.750.705.871.280.....Receptors, IgE
D12.776.543.750.705.871.300.....Receptors, IgG
D12.776.543.750.705.871.700.....Receptors, Polymeric Immunoglobulin
D12.776.543.750.705.873.....Receptors, Formyl Peptide
D12.776.543.750.705.876.....Receptors, Laminin
D12.776.543.750.705.876.249.....Integrin alpha1beta1
D12.776.543.750.705.876.280.....Integrin alpha2beta1
D12.776.543.750.705.876.311.....Integrin alpha3beta1
D12.776.543.750.705.876.374.....Integrin alpha5beta1
D12.776.543.750.705.876.500.....Integrin alpha6beta1
D12.776.543.750.705.876.750.....Integrin alpha6beta4
D12.776.543.750.705.877.....Receptors, Lymphocyte Homing
D12.776.543.750.705.877.144.....Hyaluronan Receptors
D12.776.543.750.705.877.347.....Integrin alpha4beta1
D12.776.543.750.705.877.550.....Lymphocyte Function-Associated Antigen-1
D12.776.543.750.705.877.903.....L-Selectin
D12.776.543.750.705.880.....Receptors, Mitogen
D12.776.543.750.705.880.300.....Discoidin Domain Receptors
D12.776.543.750.705.880.300.500.....Discoidin Domain Receptor 1
D12.776.543.750.705.880.300.750.....Discoidin Domain Receptor 2
D12.776.543.750.705.880.600.....Receptors, Concanavalin A
D12.776.543.750.705.895.....Receptors, Natural Killer Cell
D12.776.543.750.705.895.500.....Receptors, KIR
D12.776.543.750.705.895.500.249.....Receptors, KIR2DL1
D12.776.543.750.705.895.500.374.....Receptors, KIR2DL2
D12.776.543.750.705.895.500.437.....Receptors, KIR2DL3
D12.776.543.750.705.895.500.468.....Receptors, KIR2DL4
D12.776.543.750.705.895.500.484.....Receptors, KIR2DL5
D12.776.543.750.705.895.500.500.....Receptors, KIR3DL1
D12.776.543.750.705.895.500.750.....Receptors, KIR3DL2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.705.895.500.890.....Receptors, KIR3DS1
D12.776.543.750.705.895.750.....Receptors, Natural Cytotoxicity Triggering
D12.776.543.750.705.895.750.100.....Natural Cytotoxicity Triggering Receptor 1
D12.776.543.750.705.895.750.200.....Natural Cytotoxicity Triggering Receptor 2
D12.776.543.750.705.895.750.300.....Natural Cytotoxicity Triggering Receptor 3
D12.776.543.750.705.895.800.....Receptors, NK Cell Lectin-Like
D12.776.543.750.705.895.800.100.....NK Cell Lectin-Like Receptor Subfamily A
D12.776.543.750.705.895.800.200.....NK Cell Lectin-Like Receptor Subfamily B
D12.776.543.750.705.895.800.810.....NK Cell Lectin-Like Receptor Subfamily C
D12.776.543.750.705.895.800.820.....NK Cell Lectin-Like Receptor Subfamily D
D12.776.543.750.705.895.800.910.....NK Cell Lectin-Like Receptor Subfamily K
D12.776.543.750.705.910.....Receptors, Pattern Recognition
D12.776.543.750.705.910.500.....Toll-Like Receptors
D12.776.543.750.705.910.500.100.....Toll-Like Receptor 1
D12.776.543.750.705.910.500.200.....Toll-Like Receptor 2
D12.776.543.750.705.910.500.300.....Toll-Like Receptor 3
D12.776.543.750.705.910.500.400.....Toll-Like Receptor 4
D12.776.543.750.705.910.500.500.....Toll-Like Receptor 5
D12.776.543.750.705.910.500.600.....Toll-Like Receptor 6
D12.776.543.750.705.910.500.700.....Toll-Like Receptor 7
D12.776.543.750.705.910.500.800.....Toll-Like Receptor 8
D12.776.543.750.705.910.500.900.....Toll-Like Receptor 9
D12.776.543.750.705.910.500.910.....Toll-Like Receptor 10
D12.776.543.750.705.940.....Receptors, Scavenger
D12.776.543.750.705.940.500.....Scavenger Receptors, Class A
D12.776.543.750.705.940.625.....Scavenger Receptors, Class B
D12.776.543.750.705.940.625.249.....CD36 Antigens
D12.776.543.750.705.940.687.....Scavenger Receptors, Class C
D12.776.543.750.705.940.718.....Scavenger Receptors, Class D
D12.776.543.750.705.940.734.....Scavenger Receptors, Class E
D12.776.543.750.705.940.734.500.....Chemokine CXCL16
D12.776.543.750.705.940.742.....Scavenger Receptors, Class F
D12.776.543.750.705.970.....Signaling Lymphocytic Activation Molecule Family
D12.776.543.750.705.970.250.....CD48 Antigen
D12.776.543.750.705.970.500.....Signaling Lymphocytic Activation Molecule Family Member 1
D12.776.543.750.705.985.....Triggering Receptor Expressed on Myeloid Cells-1
D12.776.543.750.710.....Receptors, Lipoprotein
D12.776.543.750.710.450.....Receptors, LDL
D12.776.543.750.710.450.500.....LDL-Receptor Related Proteins
D12.776.543.750.710.450.500.100.....Low Density Lipoprotein Receptor-Related Protein-1
D12.776.543.750.710.450.500.200.....Low Density Lipoprotein Receptor-Related Protein-2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.710.450.500.400.....Low Density Lipoprotein Receptor-Related Protein-5
D12.776.543.750.710.450.500.600.....Low Density Lipoprotein Receptor-Related Protein-6
D12.776.543.750.710.450.625.....Receptors, Oxidized LDL
D12.776.543.750.710.450.625.500.....Scavenger Receptors, Class E
D12.776.543.750.710.450.625.500.500.....Chemokine CXCL16
D12.776.543.750.710.450.750.....Receptors, Scavenger
D12.776.543.750.710.450.750.500.....Scavenger Receptors, Class A
D12.776.543.750.710.450.750.625.....Scavenger Receptors, Class B
D12.776.543.750.710.450.750.625.249.....CD36 Antigens
D12.776.543.750.710.450.750.687.....Scavenger Receptors, Class C
D12.776.543.750.710.450.750.718.....Scavenger Receptors, Class D
D12.776.543.750.710.450.750.734.....Scavenger Receptors, Class E
D12.776.543.750.710.450.750.734.500.....Chemokine CXCL16
D12.776.543.750.710.450.750.742.....Scavenger Receptors, Class F
D12.776.543.750.715.....Receptors, N-Acetylglucosamine
D12.776.543.750.720.....Receptors, Neurotransmitter
D12.776.543.750.720.200.....Receptors, Amino Acid
D12.776.543.750.720.200.300.....Receptors, GABA
D12.776.543.750.720.200.300.300.....Receptors, GABA-A
D12.776.543.750.720.200.300.320.....Receptors, GABA-B
D12.776.543.750.720.200.450.....Receptors, Glutamate
D12.776.543.750.720.200.450.400.....Receptors, Ionotropic Glutamate
D12.776.543.750.720.200.450.400.100.....Receptors, AMPA
D12.776.543.750.720.200.450.400.200.....Receptors, Kainic Acid
D12.776.543.750.720.200.450.400.500.....Receptors, N-Methyl-D-Aspartate
D12.776.543.750.720.200.450.500.....Receptors, Metabotropic Glutamate
D12.776.543.750.720.200.450.500.500.....Receptor, Metabotropic Glutamate 5
D12.776.543.750.720.200.470.....Receptors, Glycine
D12.776.543.750.720.330.....Receptors, Catecholamine
D12.776.543.750.720.330.300.....Receptors, Adrenergic
D12.776.543.750.720.330.300.300.....Receptors, Adrenergic, alpha
D12.776.543.750.720.330.300.300.100.....Receptors, Adrenergic, alpha-1
D12.776.543.750.720.330.300.300.200.....Receptors, Adrenergic, alpha-2
D12.776.543.750.720.330.300.340.....Receptors, Adrenergic, beta
D12.776.543.750.720.330.300.340.100.....Receptors, Adrenergic, beta-1
D12.776.543.750.720.330.300.340.200.....Receptors, Adrenergic, beta-2
D12.776.543.750.720.330.300.340.300.....Receptors, Adrenergic, beta-3
D12.776.543.750.720.330.400.....Receptors, Dopamine
D12.776.543.750.720.330.400.400.....Receptors, Dopamine D1
D12.776.543.750.720.330.400.400.500.....Receptors, Dopamine D5
D12.776.543.750.720.330.400.500.....Receptors, Dopamine D2

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.720.330.400.500.249.....Receptors, Dopamine D3
D12.776.543.750.720.330.400.500.500.....Receptors, Dopamine D4
D12.776.543.750.720.360.....Receptors, Cholinergic
D12.776.543.750.720.360.500.....Receptors, Muscarinic
D12.776.543.750.720.360.500.099.....Receptor, Muscarinic M1
D12.776.543.750.720.360.500.200.....Receptor, Muscarinic M2
D12.776.543.750.720.360.500.300.....Receptor, Muscarinic M3
D12.776.543.750.720.360.500.400.....Receptor, Muscarinic M4
D12.776.543.750.720.360.500.500.....Receptor, Muscarinic M5
D12.776.543.750.720.360.550.....Receptors, Nicotinic
D12.776.543.750.720.360.550.500.....alpha7 Nicotinic Acetylcholine Receptor
D12.776.543.750.720.480.....Receptors, Histamine
D12.776.543.750.720.480.300.....Receptors, Histamine H1
D12.776.543.750.720.480.400.....Receptors, Histamine H2
D12.776.543.750.720.480.500.....Receptors, Histamine H3
D12.776.543.750.720.480.750.....Receptors, Histamine H4
D12.776.543.750.720.600.....Receptors, Neuropeptide
D12.776.543.750.720.600.074.....Orexin Receptors
D12.776.543.750.720.600.200.....Receptors, Bombesin
D12.776.543.750.720.600.220.....Receptors, Bradykinin
D12.776.543.750.720.600.220.249.....Receptor, Bradykinin B1
D12.776.543.750.720.600.220.500.....Receptor, Bradykinin B2
D12.776.543.750.720.600.260.....Receptors, Calcitonin Gene-Related Peptide
D12.776.543.750.720.600.270.....Receptors, Cholecystokinin
D12.776.543.750.720.600.270.100.....Receptor, Cholecystokinin A
D12.776.543.750.720.600.270.200.....Receptor, Cholecystokinin B
D12.776.543.750.720.600.285.....Receptors, Corticotropin
D12.776.543.750.720.600.285.500.....Receptors, Melanocortin
D12.776.543.750.720.600.285.500.500.....Receptor, Melanocortin, Type 1
D12.776.543.750.720.600.285.500.750.....Receptor, Melanocortin, Type 2
D12.776.543.750.720.600.285.500.875.....Receptor, Melanocortin, Type 3
D12.776.543.750.720.600.285.500.937.....Receptor, Melanocortin, Type 4
D12.776.543.750.720.600.290.....Receptors, Corticotropin-Releasing Hormone
D12.776.543.750.720.600.370.....Receptors, FSH
D12.776.543.750.720.600.410.....Receptors, Galanin
D12.776.543.750.720.600.450.....Receptors, LH
D12.776.543.750.720.600.460.....Receptors, LHRH
D12.776.543.750.720.600.540.....Receptors, Neuropeptide Y
D12.776.543.750.720.600.560.....Receptors, Neurotensin
D12.776.543.750.720.600.610.....Receptors, Opioid
D12.776.543.750.720.600.610.200.....Receptors, Opioid, delta



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.720.600.610.400.....Receptors, Opioid, kappa
D12.776.543.750.720.600.610.550.....Receptors, Opioid, mu
D12.776.543.750.720.600.610.775.....Receptors, sigma
D12.776.543.750.720.600.630.....Receptors, Oxytocin
D12.776.543.750.720.600.710.....Receptors, Prolactin
D12.776.543.750.720.600.760.....Receptors, Somatostatin
D12.776.543.750.720.600.830.....Receptors, Tachykinin
D12.776.543.750.720.600.830.500.....Receptors, Neurokinin-1
D12.776.543.750.720.600.830.540.....Receptors, Neurokinin-2
D12.776.543.750.720.600.830.580.....Receptors, Neurokinin-3
D12.776.543.750.720.600.850.....Receptors, Thyrotropin
D12.776.543.750.720.600.860.....Receptors, Thyrotropin-Releasing Hormone
D12.776.543.750.720.600.915.....Receptors, Vasoactive Intestinal Peptide
D12.776.543.750.720.600.925.....Receptors, Vasopressin
D12.776.543.750.720.670.....Receptors, Presynaptic
D12.776.543.750.720.670.100.....Autoreceptors
D12.776.543.750.720.670.100.500.....Receptor, Serotonin, 5-HT1B
D12.776.543.750.720.670.100.750.....Receptor, Serotonin, 5-HT1D
D12.776.543.750.720.700.....Receptors, Purinergic
D12.776.543.750.720.700.150.....Receptors, Cyclic AMP
D12.776.543.750.720.700.700.....Receptors, Purinergic P1
D12.776.543.750.720.700.700.100.....Receptor, Adenosine A1
D12.776.543.750.720.700.700.200.....Receptors, Adenosine A2
D12.776.543.750.720.700.700.200.100.....Receptor, Adenosine A2A
D12.776.543.750.720.700.700.200.200.....Receptor, Adenosine A2B
D12.776.543.750.720.700.700.300.....Receptor, Adenosine A3
D12.776.543.750.720.700.720.....Receptors, Purinergic P2
D12.776.543.750.720.700.720.500.....Receptors, Purinergic P2X
D12.776.543.750.720.700.720.500.100.....Receptors, Purinergic P2X1
D12.776.543.750.720.700.720.500.200.....Receptors, Purinergic P2X2
D12.776.543.750.720.700.720.500.300.....Receptors, Purinergic P2X3
D12.776.543.750.720.700.720.500.400.....Receptors, Purinergic P2X4
D12.776.543.750.720.700.720.500.500.....Receptors, Purinergic P2X5
D12.776.543.750.720.700.720.500.700.....Receptors, Purinergic P2X7
D12.776.543.750.720.700.720.750.....Receptors, Purinergic P2Y
D12.776.543.750.720.700.720.750.100.....Receptors, Purinergic P2Y1
D12.776.543.750.720.700.720.750.200.....Receptors, Purinergic P2Y2
D12.776.543.750.720.700.720.750.300.....Receptors, Purinergic P2Y12
D12.776.543.750.720.850.....Receptors, Serotonin
D12.776.543.750.720.850.100.....Receptors, Serotonin, 5-HT1
D12.776.543.750.720.850.100.100.....Receptor, Serotonin, 5-HT1A

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.720.850.100.150.....Receptor, Serotonin, 5-HT1B
D12.776.543.750.720.850.100.200.....Receptor, Serotonin, 5-HT1D
D12.776.543.750.720.850.200.....Receptors, Serotonin, 5-HT2
D12.776.543.750.720.850.200.100.....Receptor, Serotonin, 5-HT2A
D12.776.543.750.720.850.200.150.....Receptor, Serotonin, 5-HT2B
D12.776.543.750.720.850.200.200.....Receptor, Serotonin, 5-HT2C
D12.776.543.750.720.850.300.....Receptors, Serotonin, 5-HT3
D12.776.543.750.720.850.400.....Receptors, Serotonin, 5-HT4
D12.776.543.750.725.....Receptors, Notch
D12.776.543.750.725.500.....Receptor, Notch1
D12.776.543.750.725.750.....Receptor, Notch2
D12.776.543.750.725.875.....Receptor, Notch3
D12.776.543.750.725.937.....Receptor, Notch4
D12.776.543.750.750.....Receptors, Peptide
D12.776.543.750.750.013.....Receptors, Kisspeptin-1
D12.776.543.750.750.025.....Receptors, Enterotoxin
D12.776.543.750.750.049.....Receptors, Adrenomedullin
D12.776.543.750.750.100.....Receptors, Albumin
D12.776.543.750.750.130.....Receptors, Angiotensin
D12.776.543.750.750.130.750.....Receptor, Angiotensin, Type 1
D12.776.543.750.750.130.875.....Receptor, Angiotensin, Type 2
D12.776.543.750.750.160.....Receptors, Atrial Natriuretic Factor
D12.776.543.750.750.200.....Receptors, Calcitonin
D12.776.543.750.750.320.....Receptors, Endothelin
D12.776.543.750.750.320.100.....Receptor, Endothelin A
D12.776.543.750.750.320.200.....Receptor, Endothelin B
D12.776.543.750.750.340.....Receptors, Formyl Peptide
D12.776.543.750.750.360.....Receptors, Gastrointestinal Hormone
D12.776.543.750.750.360.100.....Glucagon-Like Peptide Receptors
D12.776.543.750.750.360.100.500.....Glucagon-Like Peptide-1 Receptor
D12.776.543.750.750.360.100.600.....Glucagon-Like Peptide-2 Receptor
D12.776.543.750.750.360.200.....Receptors, Cholecystokinin
D12.776.543.750.750.360.200.100.....Receptor, Cholecystokinin A
D12.776.543.750.750.360.200.200.....Receptor, Cholecystokinin B
D12.776.543.750.750.360.300.....Receptor, Epidermal Growth Factor
D12.776.543.750.750.360.900.....Receptors, Vasoactive Intestinal Peptide
D12.776.543.750.750.400.....Receptors, Growth Factor
D12.776.543.750.750.400.049.....Bone Morphogenetic Protein Receptors
D12.776.543.750.750.400.049.500.....Bone Morphogenetic Protein Receptors, Type I
D12.776.543.750.750.400.049.750.....Bone Morphogenetic Protein Receptors, Type II
D12.776.543.750.750.400.074.....ErbB Receptors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.750.400.074.300.....Receptor, Epidermal Growth Factor
D12.776.543.750.750.400.074.400.....Receptor, ErbB-2
D12.776.543.750.750.400.074.500.....Receptor, ErbB-3
D12.776.543.750.750.400.074.600.....Receptor, ErbB-4
D12.776.543.750.750.400.100.....Proto-Oncogene Proteins c-met
D12.776.543.750.750.400.200.....Receptors, Colony-Stimulating Factor
D12.776.543.750.750.400.200.170.....Proto-Oncogene Proteins c-kit
D12.776.543.750.750.400.200.200.....Receptor, Macrophage Colony-Stimulating Factor
D12.776.543.750.750.400.200.340.....Receptors, Erythropoietin
D12.776.543.750.750.400.200.400.....Receptors, Granulocyte Colony-Stimulating Factor
D12.776.543.750.750.400.200.420.....Receptors, Granulocyte-Macrophage Colony-Stimulating Factor
D12.776.543.750.750.400.200.420.500.....Cytokine Receptor Common beta Subunit
D12.776.543.750.750.400.200.480.....Receptors, Interleukin-3
D12.776.543.750.750.400.370.....Receptors, Fibroblast Growth Factor
D12.776.543.750.750.400.370.500.....Receptor, Fibroblast Growth Factor, Type 1
D12.776.543.750.750.400.370.750.....Receptor, Fibroblast Growth Factor, Type 2
D12.776.543.750.750.400.370.875.....Receptor, Fibroblast Growth Factor, Type 3
D12.776.543.750.750.400.370.937.....Receptor, Fibroblast Growth Factor, Type 4
D12.776.543.750.750.400.370.968.....Receptor, Fibroblast Growth Factor, Type 5
D12.776.543.750.750.400.550.....Receptors, Nerve Growth Factor
D12.776.543.750.750.400.550.124.....Glial Cell Line-Derived Neurotrophic Factor Receptors
D12.776.543.750.750.400.550.250.....Receptor, Ciliary Neurotrophic Factor
D12.776.543.750.750.400.550.250.249.....Ciliary Neurotrophic Factor Receptor alpha Subunit
D12.776.543.750.750.400.550.250.500.....Cytokine Receptor gp130
D12.776.543.750.750.400.550.250.750.....Leukemia Inhibitory Factor Receptor alpha Subunit
D12.776.543.750.750.400.550.500.....Receptor, Nerve Growth Factor
D12.776.543.750.750.400.550.550.....Receptor, trkA
D12.776.543.750.750.400.550.600.....Receptor, trkB
D12.776.543.750.750.400.550.700.....Receptor, trkC
D12.776.543.750.750.400.630.....Receptors, Platelet-Derived Growth Factor
D12.776.543.750.750.400.630.300.....Receptor, Platelet-Derived Growth Factor alpha
D12.776.543.750.750.400.630.400.....Receptor, Platelet-Derived Growth Factor beta
D12.776.543.750.750.400.780.....Receptors, Somatomedin
D12.776.543.750.750.400.780.400.....Receptor, IGF Type 1
D12.776.543.750.750.400.780.410.....Receptor, IGF Type 2
D12.776.543.750.750.400.820.....Receptors, Transforming Growth Factor beta
D12.776.543.750.750.400.820.500.....Activin Receptors
D12.776.543.750.750.400.820.500.500.....Activin Receptors, Type I
D12.776.543.750.750.400.820.500.750.....Activin Receptors, Type II
D12.776.543.750.750.400.910.....Receptors, Vascular Endothelial Growth Factor
D12.776.543.750.750.400.910.100.....Vascular Endothelial Growth Factor Receptor-1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.750.400.910.200.....Vascular Endothelial Growth Factor Receptor-2
D12.776.543.750.750.400.910.300.....Vascular Endothelial Growth Factor Receptor-3
D12.776.543.750.750.460.....Receptors, Invertebrate Peptide
D12.776.543.750.750.555.....Receptors, Neuropeptide
D12.776.543.750.750.555.074.....Orexin Receptors
D12.776.543.750.750.555.200.....Receptors, Bombesin
D12.776.543.750.750.555.220.....Receptors, Bradykinin
D12.776.543.750.750.555.220.249.....Receptor, Bradykinin B1
D12.776.543.750.750.555.220.500.....Receptor, Bradykinin B2
D12.776.543.750.750.555.260.....Receptors, Calcitonin Gene-Related Peptide
D12.776.543.750.750.555.270.....Receptors, Cholecystokinin
D12.776.543.750.750.555.270.100.....Receptor, Cholecystokinin A
D12.776.543.750.750.555.270.200.....Receptor, Cholecystokinin B
D12.776.543.750.750.555.285.....Receptors, Corticotropin
D12.776.543.750.750.555.285.500.....Receptors, Melanocortin
D12.776.543.750.750.555.285.500.500.....Receptor, Melanocortin, Type 1
D12.776.543.750.750.555.285.500.750.....Receptor, Melanocortin, Type 2
D12.776.543.750.750.555.285.500.875.....Receptor, Melanocortin, Type 3
D12.776.543.750.750.555.285.500.937.....Receptor, Melanocortin, Type 4
D12.776.543.750.750.555.290.....Receptors, Corticotropin-Releasing Hormone
D12.776.543.750.750.555.370.....Receptors, FSH
D12.776.543.750.750.555.410.....Receptors, Galanin
D12.776.543.750.750.555.450.....Receptors, LH
D12.776.543.750.750.555.460.....Receptors, LHRH
D12.776.543.750.750.555.540.....Receptors, Neuropeptide Y
D12.776.543.750.750.555.560.....Receptors, Neurotensin
D12.776.543.750.750.555.610.....Receptors, Opioid
D12.776.543.750.750.555.610.200.....Receptors, Opioid, delta
D12.776.543.750.750.555.610.400.....Receptors, Opioid, kappa
D12.776.543.750.750.555.610.550.....Receptors, Opioid, mu
D12.776.543.750.750.555.610.775.....Receptors, sigma
D12.776.543.750.750.555.630.....Receptors, Oxytocin
D12.776.543.750.750.555.710.....Receptors, Prolactin
D12.776.543.750.750.555.760.....Receptors, Somatostatin
D12.776.543.750.750.555.770.....Receptors, Somatotropin
D12.776.543.750.750.555.830.....Receptors, Tachykinin
D12.776.543.750.750.555.830.500.....Receptors, Neurokinin-1
D12.776.543.750.750.555.830.540.....Receptors, Neurokinin-2
D12.776.543.750.750.555.830.580.....Receptors, Neurokinin-3
D12.776.543.750.750.555.850.....Receptors, Thyrotropin
D12.776.543.750.750.555.860.....Receptors, Thyrotropin-Releasing Hormone

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.750.555.915.....Receptors, Vasoactive Intestinal Peptide
D12.776.543.750.750.555.925.....Receptors, Vasopressin
D12.776.543.750.750.580.....Receptors, Pancreatic Hormone
D12.776.543.750.750.580.300.....Receptor, Insulin
D12.776.543.750.750.580.350.....Receptors, Glucagon
D12.776.543.750.750.580.720.....Receptors, Somatostatin
D12.776.543.750.750.600.....Receptors, Parathyroid Hormone
D12.776.543.750.750.600.100.....Receptor, Parathyroid Hormone, Type 1
D12.776.543.750.750.600.200.....Receptor, Parathyroid Hormone, Type 2
D12.776.543.750.750.660.....Receptors, Pituitary Hormone
D12.776.543.750.750.660.285.....Receptors, Corticotropin
D12.776.543.750.750.660.285.500.....Receptors, Melanocortin
D12.776.543.750.750.660.285.500.500.....Receptor, Melanocortin, Type 1
D12.776.543.750.750.660.285.500.750.....Receptor, Melanocortin, Type 2
D12.776.543.750.750.660.285.500.875.....Receptor, Melanocortin, Type 3
D12.776.543.750.750.660.285.500.937.....Receptor, Melanocortin, Type 4
D12.776.543.750.750.660.350.....Receptors, Gonadotropin
D12.776.543.750.750.660.350.300.....Receptors, FSH
D12.776.543.750.750.660.350.450.....Receptors, LH
D12.776.543.750.750.660.350.725.....Receptors, Prolactin
D12.776.543.750.750.660.600.....Receptors, Oxytocin
D12.776.543.750.750.660.750.....Receptors, Somatotropin
D12.776.543.750.750.660.825.....Receptors, Thyrotropin
D12.776.543.750.750.660.900.....Receptors, Vasopressin
D12.776.543.750.750.700.....Receptors, Pituitary Hormone-Regulating Hormone
D12.776.543.750.750.700.150.....Receptors, Corticotropin-Releasing Hormone
D12.776.543.750.750.700.460.....Receptors, LHRH
D12.776.543.750.750.700.800.....Receptors, Somatostatin
D12.776.543.750.750.700.840.....Receptors, Thyrotropin-Releasing Hormone
D12.776.543.750.750.850.....Receptors, Thrombin
D12.776.543.750.750.850.399.....Receptor, PAR-1
D12.776.543.750.750.850.800.....Thrombomodulin
D12.776.543.750.783.....Receptors, Phospholipase A2
D12.776.543.750.792.....Receptors, Proteinase-Activated
D12.776.543.750.792.249.....Receptor, PAR-2
D12.776.543.750.792.500.....Receptors, Thrombin
D12.776.543.750.792.500.500.....Receptor, PAR-1
D12.776.543.750.800.....Receptors, Transferrin
D12.776.543.750.800.249.....Bacterial Transferrin Receptor Complex
D12.776.543.750.800.249.500.....Transferrin-Binding Protein A
D12.776.543.750.800.249.750.....Transferrin-Binding Protein B

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.750.815.....Receptors, Urokinase Plasminogen Activator
D12.776.543.750.830.....Receptors, Virus
D12.776.543.750.830.124.....Coxsackie and Adenovirus Receptor-Like Membrane Protein
D12.776.543.750.830.187.....Hepatitis A Virus Cellular Receptor 1
D12.776.543.750.830.219.....Hepatitis A Virus Cellular Receptor 2
D12.776.543.750.830.250.....Receptors, Complement 3d
D12.776.543.750.830.475.....Receptors, CXCR6
D12.776.543.750.830.700.....Receptors, HIV
D12.776.543.750.830.700.025.....CD4 Antigens
D12.776.543.750.830.700.315.....CX3C Chemokine Receptor 1
D12.776.543.750.830.700.605.....Receptors, CCR5
D12.776.543.750.830.700.650.....Receptors, CXCR4
D12.776.543.750.830.850.....Receptors, Tumor Necrosis Factor, Member 14
D12.776.543.750.850.....Receptors, Wnt
D12.776.543.750.850.500.....Frizzled Receptors
D12.776.543.750.850.500.500.....Smoothed Receptor
D12.776.543.750.850.687.....Low Density Lipoprotein Receptor-Related Protein-5
D12.776.543.750.850.781.....Low Density Lipoprotein Receptor-Related Protein-6
D12.776.543.750.981.....Zona Pellucida Glycoproteins
D12.776.543.800.....Serrate-Jagged Proteins
D12.776.543.800.500.....Jagged-1 Protein
D12.776.543.800.750.....Jagged-2 Protein
D12.776.543.850.....Spectrin
D12.776.543.875.....Stromal Interaction Molecules
D12.776.543.875.500.....Stromal Interaction Molecule 1
D12.776.543.875.750.....Stromal Interaction Molecule 2
D12.776.543.900.....Tetraspanins
D12.776.543.900.109.....Tetraspanin-29
D12.776.543.900.153.....Tetraspanin-25
D12.776.543.900.163.....Tetraspanin 30
D12.776.543.900.181.....Tetraspanin 28
D12.776.543.900.182.....Kangai-1 Protein
D12.776.543.900.251.....Tetraspanin 24
D12.776.543.900.750.....Uroplakin Ia
D12.776.543.900.875.....Uroplakin Ib
D12.776.543.930.....Thylakoid Membrane Proteins
D12.776.543.930.249.....Chloroplast Proton-Translocating ATPases
D12.776.543.930.500.....Photosynthetic Reaction Center Complex Proteins
D12.776.543.930.500.374.....Cytochrome b6f Complex
D12.776.543.930.500.374.500.....Cytochromes b6
D12.776.543.930.500.374.750.....Cytochromes f

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.930.500.374.875.....Plastoquinol-Plastocyanin Reductase
D12.776.543.930.500.490.....Light-Harvesting Protein Complexes
D12.776.543.930.500.490.249.....Chlorophyll Binding Proteins
D12.776.543.930.500.500.....Photosystem I Protein Complex
D12.776.543.930.500.750.....Photosystem II Protein Complex
D12.776.543.940.....Tight Junction Proteins
D12.776.543.940.200.....Claudins
D12.776.543.940.200.100.....Claudin-1
D12.776.543.940.200.200.....Claudin-2
D12.776.543.940.200.300.....Claudin-3
D12.776.543.940.200.400.....Claudin-4
D12.776.543.940.200.500.....Claudin-5
D12.776.543.940.600.....Junctional Adhesion Molecules
D12.776.543.940.600.500.....Coxsackie and Adenovirus Receptor-Like Membrane Protein
D12.776.543.940.600.700.....Junctional Adhesion Molecule A
D12.776.543.940.600.800.....Junctional Adhesion Molecule B
D12.776.543.940.600.900.....Junctional Adhesion Molecule C
D12.776.543.940.675.....MARVEL Domain Containing 2 Protein
D12.776.543.940.750.....Occludin
D12.776.543.940.900.....Zonula Occludens Proteins
D12.776.543.940.900.500.....Zonula Occludens-1 Protein
D12.776.543.940.900.750.....Zonula Occludens-2 Protein
D12.776.543.985.....Utrophin
D12.776.543.990.....Vesicular Transport Proteins
D12.776.543.990.024.....Tetraspanin 30
D12.776.543.990.049.....Auxilins
D12.776.543.990.100.....Caveolins
D12.776.543.990.100.500.....Caveolin 1
D12.776.543.990.100.750.....Caveolin 2
D12.776.543.990.100.875.....Caveolin 3
D12.776.543.990.150.....Adaptor Proteins, Vesicular Transport
D12.776.543.990.150.100.....Adaptor Protein Complex 1
D12.776.543.990.150.200.....Adaptor Protein Complex 2
D12.776.543.990.150.300.....Adaptor Protein Complex 3
D12.776.543.990.150.400.....Adaptor Protein Complex 4
D12.776.543.990.150.500.....Adaptor Protein Complex Subunits
D12.776.543.990.150.500.100.....Adaptor Protein Complex alpha Subunits
D12.776.543.990.150.500.200.....Adaptor Protein Complex beta Subunits
D12.776.543.990.150.500.300.....Adaptor Protein Complex delta Subunits
D12.776.543.990.150.500.400.....Adaptor Protein Complex gamma Subunits
D12.776.543.990.150.500.500.....Adaptor Protein Complex mu Subunits

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.543.990.150.500.750.....Adaptor Protein Complex sigma Subunits
D12.776.543.990.150.750.....Monomeric Clathrin Assembly Proteins
D12.776.543.990.150.875.....Sorting Nexins
D12.776.543.990.175.....Class III Phosphatidylinositol 3-Kinases
D12.776.543.990.175.500.....Vacuolar Sorting Protein VPS15
D12.776.543.990.200.....Clathrin
D12.776.543.990.200.500.....Clathrin Heavy Chains
D12.776.543.990.200.750.....Clathrin Light Chains
D12.776.543.990.300.....Coat Protein Complex I
D12.776.543.990.300.150.....ADP-Ribosylation Factor 1
D12.776.543.990.300.300.....Coatomer Protein
D12.776.543.990.400.....Dynamins
D12.776.543.990.400.100.....Dynamin I
D12.776.543.990.400.200.....Dynamin II
D12.776.543.990.400.300.....Dynamin III
D12.776.543.990.447.....Dysbindin
D12.776.543.990.493.....Endosomal Sorting Complexes Required for Transport
D12.776.543.990.493.500.....Nedd4 Ubiquitin Protein Ligases
D12.776.543.990.587.....Munc18 Proteins
D12.776.543.990.681.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D12.776.543.990.775.....SNARE Proteins
D12.776.543.990.775.500.....Q-SNARE Proteins
D12.776.543.990.775.500.500.....Qa-SNARE Proteins
D12.776.543.990.775.500.500.700.....Syntaxin 1
D12.776.543.990.775.500.500.750.....Syntaxin 16
D12.776.543.990.775.500.750.....Qb-SNARE Proteins
D12.776.543.990.775.500.750.500.....Synaptosomal-Associated Protein 25
D12.776.543.990.775.500.875.....Qc-SNARE Proteins
D12.776.543.990.775.500.875.500.....Synaptosomal-Associated Protein 25
D12.776.543.990.775.750.....R-SNARE Proteins
D12.776.543.990.775.750.500.....Vesicle-Associated Membrane Protein 1
D12.776.543.990.775.750.750.....Vesicle-Associated Membrane Protein 2
D12.776.543.990.775.750.875.....Vesicle-Associated Membrane Protein 3
D12.776.543.990.812.....Soluble N-Ethylmaleimide-Sensitive Factor Attachment Proteins
D12.776.543.990.831.....Synaptogyrins
D12.776.543.990.840.....Synaptophysin
D12.776.543.990.850.....Synaptotagmins
D12.776.543.990.850.249.....Synaptotagmin I
D12.776.543.990.850.500.....Synaptotagmin II
D12.776.556.....Metalloproteins
D12.776.556.080.....Azurin



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.556.151.....Ceruloplasmin
D12.776.556.462.....Hemocyanins
D12.776.556.526.....Hemosiderin
D12.776.556.579.....Iron-Binding Proteins
D12.776.556.579.249.....Ferritins
D12.776.556.579.249.290.....Apoferritins
D12.776.556.579.374.....Nonheme Iron Proteins
D12.776.556.579.374.187.....Hemerythrin
D12.776.556.579.374.281.....Inositol Oxygenase
D12.776.556.579.374.375.....Iron-Sulfur Proteins
D12.776.556.579.374.375.025.....Adrenodoxin
D12.776.556.579.374.375.140.....Electron Transport Complex I
D12.776.556.579.374.375.140.500.....NADH Dehydrogenase
D12.776.556.579.374.375.141.....Electron Transport Complex II
D12.776.556.579.374.375.141.500.....Succinate Dehydrogenase
D12.776.556.579.374.375.142.....Electron Transport Complex III
D12.776.556.579.374.375.150.....Ferredoxin-Nitrite Reductase
D12.776.556.579.374.375.275.....Ferredoxins
D12.776.556.579.374.375.275.450.....Molybdoferredoxin
D12.776.556.579.374.375.275.725.....Rubredoxins
D12.776.556.579.374.375.617.....Ferrochelatase
D12.776.556.579.374.375.960.....Iron Regulatory Protein 1
D12.776.556.579.374.375.962.....Iron Regulatory Protein 2
D12.776.556.579.374.375.977.....Nitrate Reductase (NAD(P)H)
D12.776.556.579.374.375.988.....Nitrate Reductase (NADPH)
D12.776.556.579.374.568.....Lipoxygenases
D12.776.556.579.374.568.500.....Arachidonate Lipoxygenases
D12.776.556.579.374.568.500.020.....Arachidonate 5-Lipoxygenase
D12.776.556.579.374.568.500.025.....Arachidonate 12-Lipoxygenase
D12.776.556.579.374.568.500.030.....Arachidonate 15-Lipoxygenase
D12.776.556.579.374.568.750.....Lipoxygenase
D12.776.556.579.374.687.....Retinal Dehydrogenase
D12.776.556.579.374.925.....Tyrosine 3-Monooxygenase
D12.776.556.579.750.....Transferrins
D12.776.556.579.750.124.....Conalbumin
D12.776.556.579.750.249.....Lactoferrin
D12.776.556.579.750.500.....Transferrin
D12.776.556.670.....Metallothionein
D12.776.556.760.....Plastocyanin
D12.776.575.....Mitochondrial Proteins
D12.776.575.093.....Aldehyde Dehydrogenase, Mitochondrial

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.575.186.....Creatine Kinase, Mitochondrial Form
D12.776.575.280.....DNA Polymerase gamma
D12.776.575.374.....Endopeptidase Clp
D12.776.575.562.....Ferrochelatase
D12.776.575.656.....High-Temperature Requirement A Serine Peptidase 2
D12.776.575.750.....Mitochondrial Membrane Transport Proteins
D12.776.575.750.500.....Mitochondrial ADP, ATP Translocases
D12.776.575.750.500.100.....Adenine Nucleotide Translocator 1
D12.776.575.750.500.200.....Adenine Nucleotide Translocator 2
D12.776.575.750.500.300.....Adenine Nucleotide Translocator 3
D12.776.575.750.625.....Mitochondrial Proton-Translocating ATPases
D12.776.575.750.688.....Mitochondrial Uncoupling Proteins
D12.776.575.750.688.500.....Uncoupling Protein 1
D12.776.575.750.688.750.....Uncoupling Protein 2
D12.776.575.750.688.875.....Uncoupling Protein 3
D12.776.575.750.750.....Voltage-Dependent Anion Channel 1
D12.776.575.750.875.....Voltage-Dependent Anion Channel 2
D12.776.575.765.....Mitochondrial Trifunctional Protein
D12.776.575.765.200.....Mitochondrial Trifunctional Protein, alpha Subunit
D12.776.575.765.500.....Mitochondrial Trifunctional Protein, beta Subunit
D12.776.575.781.....Nucleoside Diphosphate Kinase D
D12.776.575.812.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1
D12.776.575.875.....Sirtuin 3
D12.776.580.....Molecular Chaperones
D12.776.580.157.....alpha-Crystallins
D12.776.580.157.149.....alpha-Crystallin A Chain
D12.776.580.157.300.....alpha-Crystallin B Chain
D12.776.580.215.....Clusterin
D12.776.580.216.....Heat-Shock Proteins
D12.776.580.216.210.....Chaperonins
D12.776.580.216.210.590.....Group I Chaperonins
D12.776.580.216.210.590.500.....Chaperonin 10
D12.776.580.216.210.590.750.....Chaperonin 60
D12.776.580.216.210.795.....Group II Chaperonins
D12.776.580.216.210.795.500.....Chaperonin Containing TCP-1
D12.776.580.216.210.795.750.....Thermosomes
D12.776.580.216.270.....Heat-Shock Proteins, Small
D12.776.580.216.270.500.....HSP20 Heat-Shock Proteins
D12.776.580.216.270.625.....HSP27 Heat-Shock Proteins
D12.776.580.216.270.750.....HSP30 Heat-Shock Proteins
D12.776.580.216.292.....HSP40 Heat-Shock Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.580.216.295.....HSP47 Heat-Shock Proteins
D12.776.580.216.375.....HSP70 Heat-Shock Proteins
D12.776.580.216.375.200.....HSC70 Heat-Shock Proteins
D12.776.580.216.375.202.....HSP72 Heat-Shock Proteins
D12.776.580.216.375.800.....HSP110 Heat-Shock Proteins
D12.776.580.216.380.....HSP90 Heat-Shock Proteins
D12.776.580.219.....Histone Chaperones
D12.776.580.219.200.....Chromatin Assembly Factor-1
D12.776.580.219.200.500.....Retinoblastoma-Binding Protein 4
D12.776.580.219.500.....Nucleoplasmins
D12.776.580.219.550.....Nucleosome Assembly Protein 1
D12.776.580.612.....Metallochaperones
D12.776.580.845.....Neuroendocrine Secretory Protein 7B2
D12.776.580.922.....SMN Complex Proteins
D12.776.580.922.249.....DEAD Box Protein 20
D12.776.580.922.500.....Survival of Motor Neuron 1 Protein
D12.776.580.922.750.....Survival of Motor Neuron 2 Protein
D12.776.602.....Mutant Proteins
D12.776.602.500.....Mutant Chimeric Proteins
D12.776.602.500.500.....Oncogene Proteins, Fusion
D12.776.602.500.500.100.....Fusion Proteins, bcr-abl
D12.776.602.500.500.320.....Fusion Proteins, gag-onc
D12.776.602.500.500.320.700.....Oncogene Protein p65(gag-jun)
D12.776.602.500.500.660.....Oncogene Protein tpr-met
D12.776.624.....Neoplasm Proteins
D12.776.624.301.....Melanoma-Specific Antigens
D12.776.624.301.249.....CD146 Antigen
D12.776.624.301.500.....gp100 Melanoma Antigen
D12.776.624.301.750.....MART-1 Antigen
D12.776.624.553.....Myeloma Proteins
D12.776.624.664.....Oncogene Proteins
D12.776.624.664.500.....Oncogene Proteins, Fusion
D12.776.624.664.500.100.....Fusion Proteins, bcr-abl
D12.776.624.664.500.320.....Fusion Proteins, gag-onc
D12.776.624.664.500.320.700.....Oncogene Protein p65(gag-jun)
D12.776.624.664.500.660.....Oncogene Protein tpr-met
D12.776.624.664.520.....Oncogene Proteins, Viral
D12.776.624.664.520.045.....Adenovirus Early Proteins
D12.776.624.664.520.045.050.....Adenovirus E1 Proteins
D12.776.624.664.520.045.050.100.....Adenovirus E1A Proteins
D12.776.624.664.520.045.050.110.....Adenovirus E1B Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.624.664.520.045.060.....Adenovirus E2 Proteins
D12.776.624.664.520.045.070.....Adenovirus E3 Proteins
D12.776.624.664.520.045.080.....Adenovirus E4 Proteins
D12.776.624.664.520.090.....Antigens, Polyomavirus Transforming
D12.776.624.664.520.420.....Papillomavirus E7 Proteins
D12.776.624.664.520.750.....Retroviridae Proteins, Oncogenic
D12.776.624.664.520.750.320.....Fusion Proteins, gag-onc
D12.776.624.664.520.750.320.700.....Oncogene Protein p65(gag-jun)
D12.776.624.664.520.750.470.....Gene Products, rex
D12.776.624.664.520.750.480.....Gene Products, tax
D12.776.624.664.520.750.650.....Oncogene Protein gp140(v-fms)
D12.776.624.664.520.750.710.....Oncogene Protein p21(ras)
D12.776.624.664.520.750.750.....Oncogene Protein p55(v-myc)
D12.776.624.664.520.750.760.....Oncogene Protein pp60(v-src)
D12.776.624.664.520.750.788.....Oncogene Protein v-akt
D12.776.624.664.520.750.817.....Oncogene Protein v-cbl
D12.776.624.664.520.750.846.....Oncogene Protein v-crk
D12.776.624.664.520.750.860.....Oncogene Protein v-maf
D12.776.624.664.520.750.875.....Oncogene Proteins v-abl
D12.776.624.664.520.750.882.....Oncogene Proteins v-erbA
D12.776.624.664.520.750.883.....Oncogene Proteins v-erbB
D12.776.624.664.520.750.887.....Oncogene Proteins v-fos
D12.776.624.664.520.750.900.....Oncogene Proteins v-mos
D12.776.624.664.520.750.903.....Oncogene Proteins v-myb
D12.776.624.664.520.750.920.....Oncogene Proteins v-raf
D12.776.624.664.520.750.925.....Oncogene Proteins v-rel
D12.776.624.664.520.750.935.....Oncogene Proteins v-sis
D12.776.624.664.700.....Proto-Oncogene Proteins
D12.776.624.664.700.025.....Bcl-2-Like Protein 11
D12.776.624.664.700.037.....c-Mer Tyrosine Kinase
D12.776.624.664.700.049.....Chemokine CXCL1
D12.776.624.664.700.100.....Cyclin D1
D12.776.624.664.700.110.....Fibroblast Growth Factor 4
D12.776.624.664.700.112.....Fibroblast Growth Factor 6
D12.776.624.664.700.114.....fms-Like Tyrosine Kinase 3
D12.776.624.664.700.117.....Janus Kinase 2
D12.776.624.664.700.119.....KRIT1 Protein
D12.776.624.664.700.120.....Kruppel-Like Factor 6
D12.776.624.664.700.123.....Lipocalin-2
D12.776.624.664.700.128.....Lymphocyte Specific Protein Tyrosine Kinase p56(lck)
D12.776.624.664.700.129.....MDS1 and EVI1 Complex Locus Protein

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.624.664.700.130.....MutS Homolog 2 Protein
D12.776.624.664.700.148.....Myeloid-Lymphoid Leukemia Protein
D12.776.624.664.700.158.....N-Myc Proto-Oncogene Protein
D12.776.624.664.700.163.....Pre-B-Cell Leukemia Transcription Factor 1
D12.776.624.664.700.167.....Proto-Oncogene Proteins c-abl
D12.776.624.664.700.168.....Proto-Oncogene Proteins c-akt
D12.776.624.664.700.169.....Proto-Oncogene Proteins c-bcl-2
D12.776.624.664.700.169.500.....Myeloid Cell Leukemia Sequence 1 Protein
D12.776.624.664.700.170.....Proto-Oncogene Proteins c-bcl-6
D12.776.624.664.700.171.....Proto-Oncogene Proteins c-bcr
D12.776.624.664.700.171.500.....Fusion Proteins, bcr-abl
D12.776.624.664.700.172.....Proto-Oncogene Proteins c-cbl
D12.776.624.664.700.174.....Proto-Oncogene Proteins c-crk
D12.776.624.664.700.175.....Proto-Oncogene Proteins c-ets
D12.776.624.664.700.175.100.....Proto-Oncogene Protein c-ets-1
D12.776.624.664.700.175.200.....Proto-Oncogene Protein c-ets-2
D12.776.624.664.700.175.400.....Proto-Oncogene Protein c-fli-1
D12.776.624.664.700.175.600.....Ternary Complex Factors
D12.776.624.664.700.175.600.100.....ets-Domain Protein Elk-1
D12.776.624.664.700.175.600.300.....ets-Domain Protein Elk-4
D12.776.624.664.700.177.....Proto-Oncogene Proteins c-fes
D12.776.624.664.700.179.....Proto-Oncogene Proteins c-fos
D12.776.624.664.700.180.....Proto-Oncogene Proteins c-fyn
D12.776.624.664.700.181.....Proto-Oncogene Proteins c-hck
D12.776.624.664.700.182.....Proto-Oncogene Proteins c-jun
D12.776.624.664.700.183.....Proto-Oncogene Proteins c-kit
D12.776.624.664.700.184.....Proto-Oncogene Proteins c-maf
D12.776.624.664.700.185.....Proto-Oncogene Proteins c-mdm2
D12.776.624.664.700.186.....Proto-Oncogene Proteins c-met
D12.776.624.664.700.187.....Proto-Oncogene Proteins c-mos
D12.776.624.664.700.188.....Proto-Oncogene Proteins c-myb
D12.776.624.664.700.189.....Proto-Oncogene Proteins c-myc
D12.776.624.664.700.191.....Proto-Oncogene Proteins c-pim-1
D12.776.624.664.700.192.....Proto-Oncogene Proteins c-rel
D12.776.624.664.700.194.....Proto-Oncogene Proteins c-ret
D12.776.624.664.700.195.....Proto-Oncogene Proteins c-sis
D12.776.624.664.700.198.....Proto-Oncogene Proteins c-vav
D12.776.624.664.700.199.....Proto-Oncogene Proteins c-yes
D12.776.624.664.700.200.....Proto-Oncogene Proteins p21(ras)
D12.776.624.664.700.202.....Proto-Oncogene Proteins pp60(c-src)
D12.776.624.664.700.204.....raf Kinases

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.624.664.700.204.200.....Proto-Oncogene Proteins B-raf
D12.776.624.664.700.204.500.....Proto-Oncogene Proteins c-raf
D12.776.624.664.700.642.....Receptor, ErbB-2
D12.776.624.664.700.790.....Receptor, ErbB-3
D12.776.624.664.700.791.....Receptor, ErbB-4
D12.776.624.664.700.792.....Receptor, Fibroblast Growth Factor, Type 3
D12.776.624.664.700.800.....Receptor, Macrophage Colony-Stimulating Factor
D12.776.624.664.700.815.....Receptor, Notch4
D12.776.624.664.700.830.....Receptors, Thyroid Hormone
D12.776.624.664.700.830.500.....Thyroid Hormone Receptors alpha
D12.776.624.664.700.830.750.....Thyroid Hormone Receptors beta
D12.776.624.664.700.913.....RNA-Binding Protein EWS
D12.776.624.664.700.915.....RNA-Binding Protein FUS
D12.776.624.664.700.936.....RUNX1 Translocation Partner 1 Protein
D12.776.624.664.700.957.....Stathmin
D12.776.624.664.700.960.....T-Cell Acute Lymphocytic Leukemia Protein 1
D12.776.624.664.700.962.....Wnt-5a Protein
D12.776.624.664.700.967.....Wnt1 Protein
D12.776.624.664.700.978.....Wnt2 Protein
D12.776.624.664.700.989.....Zinc Finger Protein GLI1
D12.776.624.776.....Tumor Suppressor Proteins
D12.776.624.776.010.....Adenomatous Polyposis Coli Protein
D12.776.624.776.021.....DCC Receptor
D12.776.624.776.051.....Fanconi Anemia Complementation Group N Protein
D12.776.624.776.100.....BRCA1 Protein
D12.776.624.776.101.....BRCA2 Protein
D12.776.624.776.355.....Cyclin-Dependent Kinase Inhibitor Proteins
D12.776.624.776.355.100.....Cyclin-Dependent Kinase Inhibitor p15
D12.776.624.776.355.200.....Cyclin-Dependent Kinase Inhibitor p16
D12.776.624.776.355.300.....Cyclin-Dependent Kinase Inhibitor p18
D12.776.624.776.355.400.....Cyclin-Dependent Kinase Inhibitor p19
D12.776.624.776.355.500.....Cyclin-Dependent Kinase Inhibitor p21
D12.776.624.776.355.600.....Cyclin-Dependent Kinase Inhibitor p27
D12.776.624.776.355.700.....Cyclin-Dependent Kinase Inhibitor p57
D12.776.624.776.418.....Cystatin M
D12.776.624.776.482.....Deubiquitinating Enzyme CYLD
D12.776.624.776.503.....Inhibitor of Growth Protein 1
D12.776.624.776.523.....Kangai-1 Protein
D12.776.624.776.546.....Kisspeptins
D12.776.624.776.610.....Neurofibromin 1
D12.776.624.776.612.....Neurofibromin 2

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.624.776.633.....	Patched Receptors
D12.776.624.776.633.500.....	Patched-1 Receptor
D12.776.624.776.633.750.....	Patched-2 Receptor
D12.776.624.776.654.....	Promyelocytic Leukemia Protein
D12.776.624.776.695.....	PTEN Phosphohydrolase
D12.776.624.776.717.....	Retinoblastoma-Like Protein p107
D12.776.624.776.735.....	Retinoblastoma-Like Protein p130
D12.776.624.776.745.....	Retinoblastoma Protein
D12.776.624.776.760.....	Smad4 Protein
D12.776.624.776.772.....	Tumor Suppressor Protein p14ARF
D12.776.624.776.775.....	Tumor Suppressor Protein p53
D12.776.624.776.820.....	Tumor Protein p73
D12.776.624.776.865.....	Von Hippel-Lindau Tumor Suppressor Protein
D12.776.624.776.960.....	WT1 Proteins
D12.776.624.776.980.....	WW Domain-Containing Oxidoreductase
D12.776.631.....	Nerve Tissue Proteins
D12.776.631.024.....	Acid Sensing Ion Channels
D12.776.631.050.....	Agrin
D12.776.631.069.....	Ataxins
D12.776.631.069.500.....	Ataxin-1
D12.776.631.069.750.....	Ataxin-2
D12.776.631.069.875.....	Ataxin-3
D12.776.631.069.901.....	Ataxin-7
D12.776.631.069.950.....	Ataxin-10
D12.776.631.087.....	Calbindin 1
D12.776.631.124.....	Chimerin Proteins
D12.776.631.124.200.....	Chimerin 1
D12.776.631.199.....	Chromogranins
D12.776.631.199.249.....	Chromogranin A
D12.776.631.199.500.....	Chromogranin B
D12.776.631.199.750.....	Secretogranin II
D12.776.631.224.....	Disks Large Homolog 4 Protein
D12.776.631.249.....	Dopamine and cAMP-Regulated Phosphoprotein 32
D12.776.631.262.....	Dysbindin
D12.776.631.274.....	Fatty Acid-Binding Protein 7
D12.776.631.299.....	Fragile X Mental Retardation Protein
D12.776.631.400.....	GAP-43 Protein
D12.776.631.480.....	Glucose Transporter Type 3
D12.776.631.520.....	ELAV Proteins
D12.776.631.520.500.....	ELAV-Like Protein 2
D12.776.631.520.750.....	ELAV-Like Protein 3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.631.520.875.....ELAV-Like Protein 4
D12.776.631.560.....Microtubule-Associated Proteins
D12.776.631.560.225.....Dynactin Complex
D12.776.631.560.338.....Katanin
D12.776.631.560.450.....Kinesin
D12.776.631.560.465.....KRIT1 Protein
D12.776.631.560.480.....Spastin
D12.776.631.560.510.....tau Proteins
D12.776.631.580.....Myelin Proteins
D12.776.631.580.124.....2',3'-Cyclic Nucleotide 3'-Phosphodiesterase
D12.776.631.580.249.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D12.776.631.580.500.....Myelin-Associated Glycoprotein
D12.776.631.580.510.....Myelin Basic Protein
D12.776.631.580.530.....Myelin-Oligodendrocyte Glycoprotein
D12.776.631.580.550.....Myelin P0 Protein
D12.776.631.580.560.....Myelin P2 Protein
D12.776.631.580.580.....Myelin Proteolipid Protein
D12.776.631.580.738.....Nogo Proteins
D12.776.631.580.895.....Oligodendrocyte-Myelin Glycoprotein
D12.776.631.590.....Natriuretic Peptide, Brain
D12.776.631.600.....Nerve Growth Factors
D12.776.631.600.100.....Brain-Derived Neurotrophic Factor
D12.776.631.600.212.....Ciliary Neurotrophic Factor
D12.776.631.600.325.....Glia Maturation Factor
D12.776.631.600.381.....Glial Cell Line-Derived Neurotrophic Factors
D12.776.631.600.381.500.....Glial Cell Line-Derived Neurotrophic Factor
D12.776.631.600.381.750.....Neurturin
D12.776.631.600.437.....Nerve Growth Factor
D12.776.631.600.494.....Netrins
D12.776.631.600.494.500.....Netrin-1
D12.776.631.600.550.....Neuregulins
D12.776.631.600.550.750.....Neuregulin-1
D12.776.631.600.775.....Neurotrophin 3
D12.776.631.600.887.....Pituitary Adenylate Cyclase-Activating Polypeptide
D12.776.631.607.....Nestin
D12.776.631.615.....Neuroendocrine Secretory Protein 7B2
D12.776.631.630.....Neurofilament Proteins
D12.776.631.640.....Neurogranin
D12.776.631.642.....Neuronal Apoptosis-Inhibitory Protein
D12.776.631.645.....Neuronal Calcium-Sensor Proteins
D12.776.631.645.124.....Guanylate Cyclase-Activating Proteins



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.631.645.249.....Hippocalcin
D12.776.631.645.374.....Kv Channel-Interacting Proteins
D12.776.631.645.500.....Neurocalcin
D12.776.631.645.750.....Recoverin
D12.776.631.650.....Neuropeptides
D12.776.631.650.070.....Angiotensins
D12.776.631.650.070.075.....Angiotensin I
D12.776.631.650.070.078.....Angiotensin II
D12.776.631.650.070.080.....Angiotensin III
D12.776.631.650.085.....Bombesin
D12.776.631.650.090.....Bradykinin
D12.776.631.650.095.....Calcitonin
D12.776.631.650.097.....Calcitonin Gene-Related Peptide
D12.776.631.650.100.....Carnosine
D12.776.631.650.200.....Delta Sleep-Inducing Peptide
D12.776.631.650.235.....FMRFamide
D12.776.631.650.250.....Galanin
D12.776.631.650.300.....Gastric Inhibitory Polypeptide
D12.776.631.650.315.....Gastrin-Releasing Peptide
D12.776.631.650.320.....Gastrins
D12.776.631.650.363.....Orexins
D12.776.631.650.405.....Hypothalamic Hormones
D12.776.631.650.405.700.....Pituitary Hormone Release Inhibiting Hormones
D12.776.631.650.405.700.500.....MSH Release-Inhibiting Hormone
D12.776.631.650.405.700.750.....Prolactin Release-Inhibiting Factors
D12.776.631.650.405.700.875.....Somatostatin
D12.776.631.650.405.700.875.500.....Somatostatin-28
D12.776.631.650.405.740.....Pituitary Hormone-Releasing Hormones
D12.776.631.650.405.740.140.....Corticotropin-Releasing Hormone
D12.776.631.650.405.740.320.....Gonadotropin-Releasing Hormone
D12.776.631.650.405.740.320.100.....Buserelin
D12.776.631.650.405.740.320.340.....Goserelin
D12.776.631.650.405.740.320.400.....Leuprolide
D12.776.631.650.405.740.320.580.....Nafarelin
D12.776.631.650.405.740.320.790.....Triptorelin Pamoate
D12.776.631.650.405.740.860.....Growth Hormone-Releasing Hormone
D12.776.631.650.405.740.860.780.....Sermorelin
D12.776.631.650.405.740.880.....Thyrotropin-Releasing Hormone
D12.776.631.650.405.935.....Pro-Opiomelanocortin
D12.776.631.650.405.935.119.....alpha-Endorphin
D12.776.631.650.405.935.179.....alpha-MSH

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.631.650.405.935.239.....beta-Endorphin
D12.776.631.650.405.935.480.....beta-Lipotropin
D12.776.631.650.405.935.492.....beta-MSH
D12.776.631.650.405.935.498.....Corticotropin-Like Intermediate Lobe Peptide
D12.776.631.650.405.935.505.....gamma-Endorphin
D12.776.631.650.405.935.518.....gamma-Lipotropin
D12.776.631.650.405.935.524.....gamma-MSH
D12.776.631.650.405.935.531.....Melanocortins
D12.776.631.650.405.935.531.500.....Adrenocorticotropic Hormone
D12.776.631.650.405.935.531.500.200.....Cosyntropin
D12.776.631.650.405.935.531.750.....Melanocyte-Stimulating Hormones
D12.776.631.650.405.935.531.750.050.....alpha-MSH
D12.776.631.650.405.935.531.750.075.....beta-MSH
D12.776.631.650.405.935.531.750.115.....gamma-MSH
D12.776.631.650.405.967.....Prolactin-Releasing Hormone
D12.776.631.650.460.....Melanocyte-Stimulating Hormones
D12.776.631.650.460.050.....alpha-MSH
D12.776.631.650.460.075.....beta-MSH
D12.776.631.650.460.115.....gamma-MSH
D12.776.631.650.463.....Motilin
D12.776.631.650.500.....Neuropeptide Y
D12.776.631.650.525.....Neurophysins
D12.776.631.650.550.....Neurotensin
D12.776.631.650.575.....Opioid Peptides
D12.776.631.650.575.180.....Dynorphins
D12.776.631.650.575.241.....Endorphins
D12.776.631.650.575.241.040.....alpha-Endorphin
D12.776.631.650.575.241.080.....beta-Endorphin
D12.776.631.650.575.241.540.....gamma-Endorphin
D12.776.631.650.575.281.....Enkephalins
D12.776.631.650.575.281.075.....Enkephalin, Ala(2)-MePhe(4)-Gly(5)-
D12.776.631.650.575.281.231.....Enkephalin, Leucine
D12.776.631.650.575.281.231.500.....Enkephalin, Leucine-2-Alanine
D12.776.631.650.575.281.381.....Enkephalin, Methionine
D12.776.631.650.575.281.381.500.....D-Ala(2),MePhe(4),Met(0)-ol-enkephalin
D12.776.631.650.575.281.600.....Enkephalin, D-Penicillamine (2,5)-
D12.776.631.650.600.....Pancreatic Polypeptide
D12.776.631.650.610.....Peptide PHI
D12.776.631.650.625.....Pituitary Adenylate Cyclase-Activating Polypeptide
D12.776.631.650.665.....Ras Homolog Enriched in Brain Protein
D12.776.631.650.705.....Secretin

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.631.650.800.....Tachykinins
D12.776.631.650.800.354.....Eleoisoisn
D12.776.631.650.800.475.....Kassinin
D12.776.631.650.800.500.....Neurokinin A
D12.776.631.650.800.550.....Neurokinin B
D12.776.631.650.800.625.....Physalaemin
D12.776.631.650.800.750.....Substance P
D12.776.631.650.810.....Thyrotropin-Releasing Hormone
D12.776.631.650.875.....Vasoactive Intestinal Peptide
D12.776.631.650.937.....Vasopressins
D12.776.631.650.937.100.....Arginine Vasopressin
D12.776.631.650.937.100.250.....Deamino Arginine Vasopressin
D12.776.631.650.937.400.....Lypressin
D12.776.631.650.937.400.350.....Felypressin
D12.776.631.650.937.700.....Ornipressin
D12.776.631.651.....Nogo Receptors
D12.776.631.651.250.....Nogo Receptor 2
D12.776.631.651.500.....Nogo Receptor 1
D12.776.631.652.....Olfactory Marker Protein
D12.776.631.654.....Oligodendrocyte Transcription Factor 2
D12.776.631.655.....S100 Proteins
D12.776.631.655.500.....Leukocyte L1 Antigen Complex
D12.776.631.655.500.100.....Calgranulin A
D12.776.631.655.500.200.....Calgranulin B
D12.776.631.655.750.....S100 Calcium Binding Protein beta Subunit
D12.776.631.703.....SAP90-PSD95 Associated Proteins
D12.776.631.750.....Synapsins
D12.776.631.775.....Synaptogyrins
D12.776.631.800.....Synaptophysin
D12.776.631.860.....Synucleins
D12.776.631.860.500.....alpha-Synuclein
D12.776.631.860.625.....beta-Synuclein
D12.776.631.860.750.....gamma-Synuclein
D12.776.631.920.....Tubulin
D12.776.631.960.....Voltage-Gated Sodium Channels
D12.776.631.960.100.....NAV1.1 Voltage-Gated Sodium Channel
D12.776.631.960.200.....NAV1.2 Voltage-Gated Sodium Channel
D12.776.631.960.300.....NAV1.3 Voltage-Gated Sodium Channel
D12.776.631.960.500.....NAV1.5 Voltage-Gated Sodium Channel
D12.776.631.960.600.....NAV1.6 Voltage-Gated Sodium Channel
D12.776.631.960.700.....NAV1.7 Voltage-Gated Sodium Channel

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.631.960.800.....NAV1.8 Voltage-Gated Sodium Channel
D12.776.631.960.900.....NAV1.9 Voltage-Gated Sodium Channel
D12.776.631.960.970.....Voltage-Gated Sodium Channel beta Subunits
D12.776.631.960.970.100.....Voltage-Gated Sodium Channel beta-1 Subunit
D12.776.631.960.970.200.....Voltage-Gated Sodium Channel beta-2 Subunit
D12.776.631.960.970.300.....Voltage-Gated Sodium Channel beta-3 Subunit
D12.776.631.960.970.650.....Voltage-Gated Sodium Channel beta-4 Subunit
D12.776.637.....Parkinson Disease Associated Proteins
D12.776.637.500.....alpha-Synuclein
D12.776.637.625.....High-Temperature Requirement A Serine Peptidase 2
D12.776.637.750.....Leucine-Rich Repeat Serine-Threonine Protein Kinase-2
D12.776.637.875.....Protein Deglycase DJ-1
D12.776.637.937.....Ubiquitin Thiolesterase
D12.776.642.....Protein Corona
D12.776.643.....Protein Degradation End Products
D12.776.643.249.....Advanced Oxidation Protein Products
D12.776.643.500.....Glycation End Products, Advanced
D12.776.645.....Proteinase Inhibitory Proteins, Secretory
D12.776.645.437.....Elafin
D12.776.645.468.....Protease Nexins
D12.776.645.468.500.....Amyloid beta-Protein Precursor
D12.776.645.468.750.....Serpin E2
D12.776.645.500.....Secretory Leukocyte Peptidase Inhibitor
D12.776.645.688.....Serine Peptidase Inhibitors, Kazal Type
D12.776.645.688.250.....Serine Peptidase Inhibitor Kazal-Type 5
D12.776.645.688.500.....Trypsin Inhibitor, Kazal Pancreatic
D12.776.645.875.....Tissue Inhibitor of Metalloproteinases
D12.776.645.875.450.....Tissue Inhibitor of Metalloproteinase-1
D12.776.645.875.500.....Tissue Inhibitor of Metalloproteinase-2
D12.776.645.875.550.....Tissue Inhibitor of Metalloproteinase-3
D12.776.660.....Nuclear Proteins
D12.776.660.049.....Antennapedia Homeodomain Protein
D12.776.660.075.....Ataxins
D12.776.660.075.500.....Ataxin-1
D12.776.660.075.750.....Ataxin-2
D12.776.660.075.875.....Ataxin-3
D12.776.660.075.900.....Ataxin-7
D12.776.660.100.....BRCA1 Protein
D12.776.660.105.....BRCA2 Protein
D12.776.660.167.....CCAAT-Enhancer-Binding Proteins
D12.776.660.167.249.....CCAAT-Binding Factor

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.660.167.500.....CCAAT-Enhancer-Binding Protein-alpha
D12.776.660.167.750.....CCAAT-Enhancer-Binding Protein-beta
D12.776.660.167.812.....CCAAT-Enhancer-Binding Protein-delta
D12.776.660.167.875.....Transcription Factor CHOP
D12.776.660.167.937.....Y-Box-Binding Protein 1
D12.776.660.201.....CDX2 Transcription Factor
D12.776.660.235.....Chromosomal Proteins, Non-Histone
D12.776.660.235.050.....CCCTC-Binding Factor
D12.776.660.235.100.....Centromere Protein A
D12.776.660.235.199.....Centromere Protein B
D12.776.660.235.400.....High Mobility Group Proteins
D12.776.660.235.400.400.....HMGN Proteins
D12.776.660.235.400.400.200.....HMGN1 Protein
D12.776.660.235.400.400.300.....HMGN2 Protein
D12.776.660.235.400.500.....HMGA Proteins
D12.776.660.235.400.500.100.....HMGA1a Protein
D12.776.660.235.400.500.200.....HMGA1b Protein
D12.776.660.235.400.500.400.....HMGA1c Protein
D12.776.660.235.400.500.600.....HMGA2 Protein
D12.776.660.235.400.600.....HMGB Proteins
D12.776.660.235.400.600.300.....HMGB1 Protein
D12.776.660.235.400.600.600.....HMGB2 Protein
D12.776.660.235.400.600.800.....HMGB3 Protein
D12.776.660.235.400.750.....SOX Transcription Factors
D12.776.660.235.400.750.049.....Sex-Determining Region Y Protein
D12.776.660.235.400.750.100.....SOXB1 Transcription Factors
D12.776.660.235.400.750.200.....SOXB2 Transcription Factors
D12.776.660.235.400.750.300.....SOXC Transcription Factors
D12.776.660.235.400.750.400.....SOXD Transcription Factors
D12.776.660.235.400.750.500.....SOXE Transcription Factors
D12.776.660.235.400.750.500.500.....SOX9 Transcription Factor
D12.776.660.235.400.750.600.....SOXF Transcription Factors
D12.776.660.235.400.800.....TCF Transcription Factors
D12.776.660.235.400.800.500.....Lymphoid Enhancer-Binding Factor 1
D12.776.660.235.400.800.750.....T Cell Transcription Factor 1
D12.776.660.235.400.800.812.....Transcription Factor 7-Like 1 Protein
D12.776.660.235.400.800.875.....Transcription Factor 7-Like 2 Protein
D12.776.660.235.500.....Minichromosome Maintenance Proteins
D12.776.660.235.500.100.....Minichromosome Maintenance 1 Protein
D12.776.660.235.500.200.....Minichromosome Maintenance Complex Component 2
D12.776.660.235.500.300.....Minichromosome Maintenance Complex Component 3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.660.235.500.400.....Minichromosome Maintenance Complex Component 4
D12.776.660.235.500.500.....Minichromosome Maintenance Complex Component 5
D12.776.660.235.500.600.....Minichromosome Maintenance Complex Component 6
D12.776.660.235.500.700.....Minichromosome Maintenance Complex Component 7
D12.776.660.235.500.800.....Minichromosome Maintenance Complex Component 8
D12.776.660.235.500.900.....Minichromosome Maintenance Complex Component 9
D12.776.660.235.550.....Methyl-CpG-Binding Protein 2
D12.776.660.235.600.....Polycomb-Group Proteins
D12.776.660.235.600.100.....Polycomb Repressive Complex 1
D12.776.660.235.600.200.....Polycomb Repressive Complex 2
D12.776.660.235.600.200.250.....Enhancer of Zeste Homolog 2 Protein
D12.776.660.235.600.200.500.....Retinoblastoma-Binding Protein 4
D12.776.660.235.600.200.750.....Retinoblastoma-Binding Protein 7
D12.776.660.235.650.....SMARCB1 Protein
D12.776.660.235.700.....Telomere-Binding Proteins
D12.776.660.235.700.500.....Heterogeneous-Nuclear Ribonucleoprotein Group A-B
D12.776.660.235.700.500.500.....Heterogeneous Nuclear Ribonucleoprotein A1
D12.776.660.235.700.750.....Telomeric Repeat Binding Protein 1
D12.776.660.235.700.875.....Telomeric Repeat Binding Protein 2
D12.776.660.235.850.....Tumor Suppressor p53-Binding Protein 1
D12.776.660.264.....Fanconi Anemia Complementation Group A Protein
D12.776.660.285.....Fanconi Anemia Complementation Group D2 Protein
D12.776.660.289.....Fanconi Anemia Complementation Group E Protein
D12.776.660.293.....Fanconi Anemia Complementation Group F Protein
D12.776.660.323.....Fanconi Anemia Complementation Group N Protein
D12.776.660.352.....Hepatocyte Nuclear Factors
D12.776.660.352.500.....Hepatocyte Nuclear Factor 1
D12.776.660.352.500.500.....Hepatocyte Nuclear Factor 1-alpha
D12.776.660.352.500.750.....Hepatocyte Nuclear Factor 1-beta
D12.776.660.352.750.....Hepatocyte Nuclear Factor 3-alpha
D12.776.660.352.875.....Hepatocyte Nuclear Factor 3-beta
D12.776.660.352.937.....Hepatocyte Nuclear Factor 3-gamma
D12.776.660.352.968.....Hepatocyte Nuclear Factor 4
D12.776.660.352.984.....Hepatocyte Nuclear Factor 6
D12.776.660.478.....Host Cell Factor C1
D12.776.660.486.....Immunoglobulin J Recombination Signal Sequence-Binding Protein
D12.776.660.494.....Inhibitor of Growth Protein 1
D12.776.660.502.....Karyopherins
D12.776.660.502.100.....alpha Karyopherins
D12.776.660.502.500.....beta Karyopherins
D12.776.660.526.....Mad2 Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.660.551.....Mediator Complex
D12.776.660.551.249.....Cyclin C
D12.776.660.551.500.....Cyclin-Dependent Kinase 8
D12.776.660.551.750.....Mediator Complex Subunit 1
D12.776.660.600.....NF-kappa B
D12.776.660.600.124.....NF-kappa B p50 Subunit
D12.776.660.600.186.....NF-kappa B p52 Subunit
D12.776.660.600.249.....Transcription Factor RelA
D12.776.660.600.500.....Transcription Factor RelB
D12.776.660.625.....Antigens, Nuclear
D12.776.660.625.500.....Ki-67 Antigen
D12.776.660.625.625.....Ku Autoantigen
D12.776.660.625.750.....snRNP Core Proteins
D12.776.660.650.....Nuclear Matrix-Associated Proteins
D12.776.660.650.500.....Heterogeneous-Nuclear Ribonucleoprotein U
D12.776.660.650.875.....Lamins
D12.776.660.650.875.500.....Lamin Type A
D12.776.660.650.875.750.....Lamin Type B
D12.776.660.675.....Nuclear Receptor Coactivators
D12.776.660.675.049.....Mediator Complex Subunit 1
D12.776.660.675.100.....Nuclear Receptor Coactivator 1
D12.776.660.675.200.....Nuclear Receptor Coactivator 2
D12.776.660.675.300.....Nuclear Receptor Coactivator 3
D12.776.660.675.650.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.660.700.....Oncogene Protein p55(v-myc)
D12.776.660.720.....Poly-ADP-Ribose Binding Proteins
D12.776.660.720.063.....Apoptosis Inducing Factor
D12.776.660.720.125.....Ataxia Telangiectasia Mutated Proteins
D12.776.660.720.157.....CCCTC-Binding Factor
D12.776.660.720.173.....Centromere Protein A
D12.776.660.720.188.....Centromere Protein B
D12.776.660.720.250.....Cyclin-Dependent Kinase Inhibitor p21
D12.776.660.720.313.....DNA (Cytosine-5-)-Methyltransferase 1
D12.776.660.720.375.....DNA Topoisomerases, Type I
D12.776.660.720.438.....DNA-Activated Protein Kinase
D12.776.660.720.462.....Heat Shock Transcription Factors
D12.776.660.720.485.....Histones
D12.776.660.720.493.....Ku Autoantigen
D12.776.660.720.495.....MRE11 Homologue Protein
D12.776.660.720.496.....Myristoylated Alanine-Rich C Kinase Substrate
D12.776.660.720.497.....NF-kappa B p52 Subunit

## 2018 MeSH Tree Hierarchy

Tree location	
D12.776.660.720.499.....	Nicotinamide-Nucleotide Adenylyltransferase
D12.776.660.720.575.....	Nitric Oxide Synthase Type II
D12.776.660.720.613.....	Telomerase
D12.776.660.720.650.....	Tumor Suppressor Protein p53
D12.776.660.720.750.....	Werner Syndrome Helicase
D12.776.660.720.813.....	X-ray Repair Cross Complementing Protein 1
D12.776.660.720.875.....	Xeroderma Pigmentosum Group A Protein
D12.776.660.740.....	Proliferating Cell Nuclear Antigen
D12.776.660.745.....	Promyelocytic Leukemia Protein
D12.776.660.750.....	Protamines
D12.776.660.750.270.....	Clupeine
D12.776.660.750.740.....	Salmine
D12.776.660.760.....	Proto-Oncogene Proteins c-fos
D12.776.660.763.....	Proto-Oncogene Proteins c-jun
D12.776.660.764.....	Proto-Oncogene Proteins c-mdm2
D12.776.660.765.....	Proto-Oncogene Proteins c-myc
D12.776.660.767.....	Proto-Oncogene Proteins c-rel
D12.776.660.768.....	ran GTP-Binding Protein
D12.776.660.769.....	Retinoblastoma Binding Proteins
D12.776.660.769.049.....	E2F1 Transcription Factor
D12.776.660.769.100.....	Retinoblastoma-Binding Protein 1
D12.776.660.769.200.....	Retinoblastoma-Binding Protein 2
D12.776.660.769.600.....	Retinoblastoma-Binding Protein 4
D12.776.660.769.700.....	Retinoblastoma-Binding Protein 7
D12.776.660.770.....	Retinoblastoma-Like Protein p107
D12.776.660.794.....	Retinoblastoma-Like Protein p130
D12.776.660.807.....	Retinoblastoma Protein
D12.776.660.820.....	Silent Information Regulator Proteins, <i>Saccharomyces cerevisiae</i>
D12.776.660.823.....	Thyroid Nuclear Factor 1
D12.776.660.912.....	Tumor Protein p73
D12.776.664.....	Nucleoproteins
D12.776.664.224.....	Chromatin
D12.776.664.224.270.....	Euchromatin
D12.776.664.224.466.....	Heterochromatin
D12.776.664.224.550.....	Nucleosomes
D12.776.664.235.....	Chromosomal Proteins, Non-Histone
D12.776.664.235.050.....	CCCTC-Binding Factor
D12.776.664.235.100.....	Centromere Protein A
D12.776.664.235.199.....	Centromere Protein B
D12.776.664.235.400.....	High Mobility Group Proteins
D12.776.664.235.400.400.....	HMGN Proteins



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.664.235.400.400.200.....HMGN1 Protein
D12.776.664.235.400.400.300.....HMGN2 Protein
D12.776.664.235.400.500.....HMGA Proteins
D12.776.664.235.400.500.100.....HMGA1a Protein
D12.776.664.235.400.500.200.....HMGA1b Protein
D12.776.664.235.400.500.300.....HMGA1c Protein
D12.776.664.235.400.500.600.....HMGA2 Protein
D12.776.664.235.400.600.....HMGB Proteins
D12.776.664.235.400.600.300.....HMGB1 Protein
D12.776.664.235.400.600.600.....HMGB2 Protein
D12.776.664.235.400.600.800.....HMGB3 Protein
D12.776.664.235.400.750.....SOX Transcription Factors
D12.776.664.235.400.750.049.....Sex-Determining Region Y Protein
D12.776.664.235.400.750.100.....SOXB1 Transcription Factors
D12.776.664.235.400.750.200.....SOXB2 Transcription Factors
D12.776.664.235.400.750.300.....SOXC Transcription Factors
D12.776.664.235.400.750.400.....SOXD Transcription Factors
D12.776.664.235.400.750.500.....SOXE Transcription Factors
D12.776.664.235.400.750.500.500.....SOX9 Transcription Factor
D12.776.664.235.400.750.600.....SOXF Transcription Factors
D12.776.664.235.400.800.....TCF Transcription Factors
D12.776.664.235.400.800.500.....Lymphoid Enhancer-Binding Factor 1
D12.776.664.235.400.800.750.....T Cell Transcription Factor 1
D12.776.664.235.400.800.812.....Transcription Factor 7-Like 1 Protein
D12.776.664.235.400.800.875.....Transcription Factor 7-Like 2 Protein
D12.776.664.235.700.....Methyl-CpG-Binding Protein 2
D12.776.664.235.750.....Minichromosome Maintenance Proteins
D12.776.664.235.750.100.....Minichromosome Maintenance 1 Protein
D12.776.664.235.750.200.....Minichromosome Maintenance Complex Component 2
D12.776.664.235.750.300.....Minichromosome Maintenance Complex Component 3
D12.776.664.235.750.400.....Minichromosome Maintenance Complex Component 4
D12.776.664.235.750.500.....Minichromosome Maintenance Complex Component 5
D12.776.664.235.750.600.....Minichromosome Maintenance Complex Component 6
D12.776.664.235.750.700.....Minichromosome Maintenance Complex Component 7
D12.776.664.235.750.800.....Minichromosome Maintenance Complex Component 8
D12.776.664.235.750.900.....Minichromosome Maintenance Complex Component 9
D12.776.664.235.800.....Polycomb-Group Proteins
D12.776.664.235.800.100.....Polycomb Repressive Complex 1
D12.776.664.235.800.200.....Polycomb Repressive Complex 2
D12.776.664.235.800.200.250.....Enhancer of Zeste Homolog 2 Protein
D12.776.664.235.800.200.500.....Retinoblastoma-Binding Protein 4

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.664.235.800.200.750.....Retinoblastoma-Binding Protein 7
D12.776.664.235.900.....SMARCB1 Protein
D12.776.664.235.950.....Tumor Suppressor p53-Binding Protein 1
D12.776.664.275.....Deoxyribonucleoproteins
D12.776.664.469.....Histones
D12.776.664.750.....Protamines
D12.776.664.750.270.....Clupeine
D12.776.664.750.739.....Salmine
D12.776.664.962.....RNA-Binding Proteins
D12.776.664.962.061.....Butyrate Response Factor 1
D12.776.664.962.124.....Fragile X Mental Retardation Protein
D12.776.664.962.186.....Gene Products, rev
D12.776.664.962.186.500.....rev Gene Products, Human Immunodeficiency Virus
D12.776.664.962.249.....Host Factor 1 Protein
D12.776.664.962.374.....Iron Regulatory Protein 1
D12.776.664.962.437.....Iron Regulatory Protein 2
D12.776.664.962.444.....mRNA Cleavage and Polyadenylation Factors
D12.776.664.962.444.240.....Cleavage And Polyadenylation Specificity Factor
D12.776.664.962.444.249.....Cleavage Stimulation Factor
D12.776.664.962.452.....Poly(A)-Binding Proteins
D12.776.664.962.452.125.....Ataxin-2
D12.776.664.962.452.249.....Poly(A)-Binding Protein I
D12.776.664.962.452.500.....Poly(A)-Binding Protein II
D12.776.664.962.452.750.....T-Cell Intracellular Antigen-1
D12.776.664.962.500.....Ribonucleoproteins
D12.776.664.962.500.625.....Ribonuclease P
D12.776.664.962.500.750.....Ribonucleoproteins, Small Cytoplasmic
D12.776.664.962.500.750.800.....Signal Recognition Particle
D12.776.664.962.500.875.....Ribonucleoproteins, Small Nuclear
D12.776.664.962.500.875.590.....Ribonucleoproteins, Small Nucleolar
D12.776.664.962.500.875.600.....Ribonucleoprotein, U1 Small Nuclear
D12.776.664.962.500.875.605.....Ribonucleoprotein, U2 Small Nuclear
D12.776.664.962.500.875.615.....Ribonucleoprotein, U4-U6 Small Nuclear
D12.776.664.962.500.875.620.....Ribonucleoprotein, U5 Small Nuclear
D12.776.664.962.500.875.625.....Ribonucleoprotein, U7 Small Nuclear
D12.776.664.962.500.875.700.....snRNP Core Proteins
D12.776.664.962.500.906.....RNA-Induced Silencing Complex
D12.776.664.962.500.906.500.....Argonaute Proteins
D12.776.664.962.500.921.....Telomerase
D12.776.664.962.500.937.....Vault Ribonucleoprotein Particles
D12.776.664.962.750.....RNA Cap-Binding Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.664.962.750.374.....Eukaryotic Initiation Factor-4F
D12.776.664.962.750.750.....Nuclear Cap-Binding Protein Complex
D12.776.664.962.813.....RNA Recognition Motif Proteins
D12.776.664.962.813.250.....CELF Proteins
D12.776.664.962.813.250.500.....CELF1 Protein
D12.776.664.962.813.375.....Deleted in Azoospermia 1 Protein
D12.776.664.962.813.500.....ELAV Proteins
D12.776.664.962.813.500.250.....ELAV-Like Protein 1
D12.776.664.962.813.500.500.....ELAV-Like Protein 2
D12.776.664.962.813.500.750.....ELAV-Like Protein 3
D12.776.664.962.813.500.875.....ELAV-Like Protein 4
D12.776.664.962.813.750.....Heterogeneous-Nuclear Ribonucleoproteins
D12.776.664.962.813.750.100.....Heterogeneous-Nuclear Ribonucleoprotein Group A-B
D12.776.664.962.813.750.100.500.....Heterogeneous Nuclear Ribonucleoprotein A1
D12.776.664.962.813.750.200.....Heterogeneous-Nuclear Ribonucleoprotein Group C
D12.776.664.962.813.750.300.....Heterogeneous-Nuclear Ribonucleoprotein D
D12.776.664.962.813.750.400.....Heterogeneous-Nuclear Ribonucleoprotein Group F-H
D12.776.664.962.813.750.500.....Heterogeneous-Nuclear Ribonucleoprotein K
D12.776.664.962.813.750.600.....Heterogeneous-Nuclear Ribonucleoprotein L
D12.776.664.962.813.750.700.....Heterogeneous-Nuclear Ribonucleoprotein Group M
D12.776.664.962.813.750.800.....Heterogeneous-Nuclear Ribonucleoprotein U
D12.776.664.962.813.750.900.....RNA-Binding Protein EWS
D12.776.664.962.813.750.902.....RNA-Binding Protein FUS
D12.776.664.962.813.875.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.664.962.813.937.....T-Cell Intracellular Antigen-1
D12.776.664.962.829.....RNA Splicing Factors
D12.776.664.962.829.250.....Polypyrimidine Tract-Binding Protein
D12.776.664.962.829.282.....PTB-Associated Splicing Factor
D12.776.664.962.829.313.....Ribonucleoprotein, U1 Small Nuclear
D12.776.664.962.829.344.....Ribonucleoprotein, U2 Small Nuclear
D12.776.664.962.829.375.....Ribonucleoprotein, U5 Small Nuclear
D12.776.664.962.829.500.....Serine-Arginine Splicing Factors
D12.776.664.962.829.750.....Splicing Factor U2AF
D12.776.664.962.829.875.....T-Cell Intracellular Antigen-1
D12.776.664.962.875.....SMN Complex Proteins
D12.776.664.962.875.249.....DEAD Box Protein 20
D12.776.664.962.875.500.....Survival of Motor Neuron 1 Protein
D12.776.664.962.875.750.....Survival of Motor Neuron 2 Protein
D12.776.691.....Oxidative Phosphorylation Coupling Factors
D12.776.719.....Peptones
D12.776.744.....Phosphoproteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.744.049.....bcl-Associated Death Protein
D12.776.744.100.....BRCA1 Protein
D12.776.744.150.....Caseins
D12.776.744.287.....Caveolin 1
D12.776.744.356.....Caveolin 2
D12.776.744.360.....CDC2 Protein Kinase
D12.776.744.390.....Cortactin
D12.776.744.425.....Crk-Associated Substrate Protein
D12.776.744.459.....Dopamine and cAMP-Regulated Phosphoprotein 32
D12.776.744.476.....Fanconi Anemia Complementation Group A Protein
D12.776.744.484.....Fanconi Anemia Complementation Group D2 Protein
D12.776.744.488.....Fanconi Anemia Complementation Group G Protein
D12.776.744.493.....Focal Adhesion Kinase 1
D12.776.744.527.....Integrin-Binding Sialoprotein
D12.776.744.562.....Interferon Regulatory Factor-3
D12.776.744.631.....Interferon Regulatory Factor-7
D12.776.744.665.....Paxillin
D12.776.744.700.....Phosvitin
D12.776.744.736.....Plectin
D12.776.744.741.....Smad Proteins, Receptor-Regulated
D12.776.744.741.500.....Smad1 Protein
D12.776.744.741.750.....Smad2 Protein
D12.776.744.741.875.....Smad3 Protein
D12.776.744.741.937.....Smad5 Protein
D12.776.744.741.968.....Smad8 Protein
D12.776.744.747.....Retinoblastoma-Like Protein p107
D12.776.744.755.....Retinoblastoma-Like Protein p130
D12.776.744.770.....Retinoblastoma Protein
D12.776.744.772.....Stathmin
D12.776.744.840.....Synapsins
D12.776.744.845.....Tumor Suppressor Protein p53
D12.776.744.925.....Vitellogenins
D12.776.744.962.....Zyxin
D12.776.752.....Photoreceptors, Microbial
D12.776.752.249.....Bacteriochlorophylls
D12.776.752.249.500.....Bacteriochlorophyll A
D12.776.752.812.....Rhodopsins, Microbial
D12.776.752.812.249.....Bacteriorhodopsins
D12.776.752.812.500.....Halorhodopsins
D12.776.752.812.750.....Sensory Rhodopsins
D12.776.765.....Plant Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.765.149.....Arabidopsis Proteins
D12.776.765.149.500.....AGAMOUS Protein, Arabidopsis
D12.776.765.199.....Chloroplast Proteins
D12.776.765.199.186.....Chloroplast Thioredoxins
D12.776.765.199.249.....Endopeptidase Clp
D12.776.765.199.499.....Ribulose-Bisphosphate Carboxylase
D12.776.765.199.750.....Thylakoid Membrane Proteins
D12.776.765.199.750.374.....Chloroplast Proton-Translocating ATPases
D12.776.765.199.750.750.....Photosynthetic Reaction Center Complex Proteins
D12.776.765.199.750.750.374.....Cytochrome b6f Complex
D12.776.765.199.750.750.374.500.....Cytochromes b6
D12.776.765.199.750.750.374.750.....Cytochromes f
D12.776.765.199.750.750.374.875.....Plastoquinol-Plastocyanin Reductase
D12.776.765.199.750.750.490.....Light-Harvesting Protein Complexes
D12.776.765.199.750.750.490.500.....Chlorophyll Binding Proteins
D12.776.765.199.750.750.500.....Photosystem I Protein Complex
D12.776.765.199.750.750.750.....Photosystem II Protein Complex
D12.776.765.249.....DEFICIENS Protein
D12.776.765.319.....Ferrodoxins
D12.776.765.342.....Florigen
D12.776.765.365.....G-Box Binding Factors
D12.776.765.500.....Leghemoglobin
D12.776.765.537.....Periplasmic Proteins
D12.776.765.593.....Photoreceptors, Plant
D12.776.765.593.250.....Channelrhodopsins
D12.776.765.593.500.....Cryptochromes
D12.776.765.593.750.....Phototropins
D12.776.765.650.....Phycocyanin
D12.776.765.665.....Phycoerythrin
D12.776.765.675.....Phytochrome
D12.776.765.675.249.....Phytochrome A
D12.776.765.675.500.....Phytochrome B
D12.776.765.678.....Plant Lectins
D12.776.765.678.500.....Concanavalin A
D12.776.765.678.625.....Peanut Agglutinin
D12.776.765.678.750.....Phytohemagglutinins
D12.776.765.678.875.....Pokeweed Mitogens
D12.776.765.678.906.....Ribosome Inactivating Proteins, Type 2
D12.776.765.678.906.111.....Abrin
D12.776.765.678.906.750.....Ricin
D12.776.765.678.968.....Wheat Germ Agglutinins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.765.678.968.900.....Wheat Germ Agglutinin-Horseradish Peroxidase Conjugate
D12.776.765.680.....Plastocyanin
D12.776.765.710.....Ribosome Inactivating Proteins
D12.776.765.710.500.....Ribosome Inactivating Proteins, Type 1
D12.776.765.710.500.500.....Trichosanthin
D12.776.765.710.750.....Ribosome Inactivating Proteins, Type 2
D12.776.765.725.....Seed Storage Proteins
D12.776.765.725.249.....2S Albumins, Plant
D12.776.765.725.500.....Prolamins
D12.776.765.725.500.500.....Glutens
D12.776.765.725.500.500.400.....Gliadin
D12.776.765.725.500.750.....Zein
D12.776.765.741.....Soybean Proteins
D12.776.765.741.500.....Trypsin Inhibitor, Bowman-Birk Soybean
D12.776.765.741.750.....Trypsin Inhibitor, Kunitz Soybean
D12.776.765.836.....Vegetable Proteins
D12.776.775.....Polyproteins
D12.776.775.320.....Gene Products, env
D12.776.775.330.....Gene Products, gag
D12.776.775.330.300.....Fusion Proteins, gag-pol
D12.776.775.330.650.....gag Gene Products, Human Immunodeficiency Virus
D12.776.775.360.....Gene Products, pol
D12.776.775.360.300.....Fusion Proteins, gag-pol
D12.776.775.360.650.....pol Gene Products, Human Immunodeficiency Virus
D12.776.780.....Pregnancy Proteins
D12.776.780.400.....Chorionic Gonadotropin
D12.776.780.400.125.....Chorionic Gonadotropin, beta Subunit, Human
D12.776.780.426.....Glycodelin
D12.776.780.451.....Gonadotropins, Equine
D12.776.780.551.....Placenta Growth Factor
D12.776.780.650.....Placental Lactogen
D12.776.780.675.....Pregnancy-Associated alpha 2-Macroglobulins
D12.776.780.700.....Pregnancy-Associated Plasma Protein-A
D12.776.780.730.....Pregnancy-Specific beta 1-Glycoproteins
D12.776.785.....Prions
D12.776.785.340.....Prion Proteins
D12.776.785.340.500.....PrPC Proteins
D12.776.785.340.750.....PrPSc Proteins
D12.776.785.340.750.700.....PrP 27-30 Protein
D12.776.796.....Protein Hydrolysates
D12.776.800.....Protein Isoforms

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.800.300.....Isoenzymes
D12.776.811.....Protein Precursors
D12.776.811.050.....Amyloid beta-Protein Precursor
D12.776.811.070.....Angiotensinogen
D12.776.811.185.....Chromogranins
D12.776.811.300.....Fibrinogen
D12.776.811.300.290.....Fibrin Fibrinogen Degradation Products
D12.776.811.300.310.....Fibrinopeptide A
D12.776.811.300.320.....Fibrinopeptide B
D12.776.811.420.....Kininogens
D12.776.811.420.350.....Kininogen, High-Molecular-Weight
D12.776.811.420.400.....Kininogen, Low-Molecular-Weight
D12.776.811.690.....Procollagen
D12.776.811.700.....Proglucagon
D12.776.811.706.....Proinsulin
D12.776.811.800.....Pro-Opiomelanocortin
D12.776.811.850.....Tropoelastin
D12.776.813.....Protein Subunits
D12.776.816.....Proteolipids
D12.776.816.249.....Myelin and Lymphocyte-Associated Proteolipid Proteins
D12.776.816.500.....Myelin Proteolipid Protein
D12.776.816.750.....Pulmonary Surfactant-Associated Protein C
D12.776.817.....Proteome
D12.776.820.....Protozoan Proteins
D12.776.820.250.....Discoidins
D12.776.820.500.....Merozoite Surface Protein 1
D12.776.823.....Pulmonary Surfactant-Associated Proteins
D12.776.823.100.....Pulmonary Surfactant-Associated Protein A
D12.776.823.124.....Pulmonary Surfactant-Associated Protein B
D12.776.823.186.....Pulmonary Surfactant-Associated Protein C
D12.776.823.249.....Pulmonary Surfactant-Associated Protein D
D12.776.826.....Receptors, Cytoplasmic and Nuclear
D12.776.826.119.....Hepatocyte Nuclear Factor 4
D12.776.826.179.....Inositol 1,4,5-Trisphosphate Receptors
D12.776.826.194.....Liver X Receptors
D12.776.826.209.....Orphan Nuclear Receptors
D12.776.826.209.039.....COUP Transcription Factors
D12.776.826.209.039.249.....COUP Transcription Factor I
D12.776.826.209.039.500.....COUP Transcription Factor II
D12.776.826.209.059.....DAX-1 Orphan Nuclear Receptor
D12.776.826.209.080.....Nuclear Receptor Subfamily 1, Group D, Member 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.826.209.100.....Nuclear Receptor Subfamily 1, Group F, Member 1
D12.776.826.209.110.....Nuclear Receptor Subfamily 1, Group F, Member 2
D12.776.826.209.182.....Nuclear Receptor Subfamily 1, Group F, Member 3
D12.776.826.209.255.....Nuclear Receptor Subfamily 2, Group C, Member 1
D12.776.826.209.327.....Nuclear Receptor Subfamily 2, Group C, Member 2
D12.776.826.209.400.....Nuclear Receptor Subfamily 4, Group A, Member 1
D12.776.826.209.415.....Nuclear Receptor Subfamily 4, Group A, Member 2
D12.776.826.209.430.....Nuclear Receptor Subfamily 4, Group A, Member 3
D12.776.826.209.572.....Nuclear Receptor Subfamily 6, Group A, Member 1
D12.776.826.209.715.....Receptors, Aryl Hydrocarbon
D12.776.826.239.....Peroxisome Proliferator-Activated Receptors
D12.776.826.239.500.....PPAR alpha
D12.776.826.239.530.....PPAR-beta
D12.776.826.239.555.....PPAR delta
D12.776.826.239.588.....PPAR gamma
D12.776.826.313.....Receptors for Activated C Kinase
D12.776.826.387.....Receptors, Artificial
D12.776.826.535.....Receptors, Calcitriol
D12.776.826.590.....Receptors, Melatonin
D12.776.826.701.....Receptors, Retinoic Acid
D12.776.826.701.250.....Retinoic Acid Receptor alpha
D12.776.826.701.500.....Retinoid X Receptors
D12.776.826.701.500.500.....Retinoid X Receptor alpha
D12.776.826.701.500.625.....Retinoid X Receptor beta
D12.776.826.701.500.750.....Retinoid X Receptor gamma
D12.776.826.750.....Receptors, Steroid
D12.776.826.750.150.....Receptors, Androgen
D12.776.826.750.350.....Receptors, Estrogen
D12.776.826.750.350.174.....Estrogen Receptor alpha
D12.776.826.750.350.262.....Estrogen Receptor beta
D12.776.826.750.350.350.....Receptors, Estradiol
D12.776.826.750.430.....Receptors, Glucocorticoid
D12.776.826.750.530.....Receptors, Mineralocorticoid
D12.776.826.750.765.....Receptors, Progesterone
D12.776.826.850.....Receptors, Thyroid Hormone
D12.776.826.850.500.....Thyroid Hormone Receptors alpha
D12.776.826.850.750.....Thyroid Hormone Receptors beta
D12.776.826.925.....Steroidogenic Factor 1
D12.776.827.....Receptors, Drug
D12.776.827.137.....Imidazoline Receptors
D12.776.827.275.....Immunophilins



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.827.275.300.....Cyclophilins
D12.776.827.275.700.....Tacrolimus Binding Proteins
D12.776.827.275.700.500.....Tacrolimus Binding Protein 1A
D12.776.827.550.....Receptors, Phencyclidine
D12.776.827.775.....Sulfonylurea Receptors
D12.776.828.....Recombinant Proteins
D12.776.828.300.....Recombinant Fusion Proteins
D12.776.828.300.200.....CD4 Immunoadhesins
D12.776.828.300.850.....Transcription Activator-Like Effector Nucleases
D12.776.828.300.990.....Zinc Finger Nucleases
D12.776.828.868.....Vaccines, Synthetic
D12.776.828.868.910.....Vaccines, DNA
D12.776.828.868.915.....Vaccines, Edible
D12.776.828.868.940.....Vaccines, Virosome
D12.776.828.868.955.....Vaccines, Virus-Like Particle
D12.776.831.....Reptilian Proteins
D12.776.831.222.....Cobra Cardiotoxin Proteins
D12.776.831.244.....Cobra Neurotoxin Proteins
D12.776.835.....Ribosomal Proteins
D12.776.835.700.....Peptide Elongation Factors
D12.776.835.700.350.....GTP Phosphohydrolase-Linked Elongation Factors
D12.776.835.700.350.101.....Peptide Elongation Factor 1
D12.776.835.700.350.102.....Peptide Elongation Factor 2
D12.776.835.700.350.200.....Peptide Elongation Factor G
D12.776.835.700.350.700.....Peptide Elongation Factor Tu
D12.776.835.725.....Peptide Initiation Factors
D12.776.835.725.868.....Eukaryotic Initiation Factors
D12.776.835.725.868.124.....Eukaryotic Initiation Factor-1
D12.776.835.725.868.249.....Eukaryotic Initiation Factor-2
D12.776.835.725.868.374.....Eukaryotic Initiation Factor-2B
D12.776.835.725.868.437.....Eukaryotic Initiation Factor-3
D12.776.835.725.868.500.....Eukaryotic Initiation Factor-4F
D12.776.835.725.868.500.500.....Eukaryotic Initiation Factor-4A
D12.776.835.725.868.500.750.....Eukaryotic Initiation Factor-4E
D12.776.835.725.868.500.875.....Eukaryotic Initiation Factor-4G
D12.776.835.725.868.750.....Eukaryotic Initiation Factor-5
D12.776.835.725.934.....Prokaryotic Initiation Factors
D12.776.835.725.934.374.....Prokaryotic Initiation Factor-1
D12.776.835.725.934.562.....Prokaryotic Initiation Factor-2
D12.776.835.725.934.750.....Prokaryotic Initiation Factor-3
D12.776.835.862.....Peptide Termination Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.835.931.....Ribosomal Protein S6
D12.776.850.....Salivary Proteins and Peptides
D12.776.850.400.....Glue Proteins, Drosophila
D12.776.850.550.....Histatins
D12.776.850.700.....Lipocalin 1
D12.776.850.850.....Mucin-5B
D12.776.850.887.....Salivary alpha-Amylases
D12.776.850.906.....Salivary Cystatins
D12.776.850.925.....Salivary Proline-Rich Proteins
D12.776.860.....Scleroproteins
D12.776.860.300.....Extracellular Matrix Proteins
D12.776.860.300.030.....Activated-Leukocyte Cell Adhesion Molecule
D12.776.860.300.085.....ADAMTS Proteins
D12.776.860.300.085.500.....ADAMTS1 Protein
D12.776.860.300.085.813.....ADAMTS13 Protein
D12.776.860.300.085.844.....ADAMTS4 Protein
D12.776.860.300.085.875.....ADAMTS5 Protein
D12.776.860.300.085.937.....ADAMTS7 Protein
D12.776.860.300.085.968.....ADAMTS9 Protein
D12.776.860.300.140.....Aggrecans
D12.776.860.300.155.....Cartilage Oligomeric Matrix Protein
D12.776.860.300.200.....CCN Intercellular Signaling Proteins
D12.776.860.300.200.100.....Connective Tissue Growth Factor
D12.776.860.300.200.200.....Cysteine-Rich Protein 61
D12.776.860.300.200.500.....Nephroblastoma Overexpressed Protein
D12.776.860.300.250.....Collagen
D12.776.860.300.250.300.....Fibrillar Collagens
D12.776.860.300.250.300.100.....Collagen Type I
D12.776.860.300.250.300.200.....Collagen Type II
D12.776.860.300.250.300.300.....Collagen Type III
D12.776.860.300.250.300.400.....Collagen Type V
D12.776.860.300.250.300.500.....Collagen Type XI
D12.776.860.300.250.400.....Non-Fibrillar Collagens
D12.776.860.300.250.400.100.....Collagen Type IV
D12.776.860.300.250.400.200.....Collagen Type VI
D12.776.860.300.250.400.300.....Collagen Type VII
D12.776.860.300.250.400.400.....Collagen Type VIII
D12.776.860.300.250.400.500.....Collagen Type X
D12.776.860.300.250.400.525.....Collagen Type XIII
D12.776.860.300.250.400.537.....Collagen Type XVIII
D12.776.860.300.250.400.537.500.....Endostatins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.860.300.250.400.550.....Fibril-Associated Collagens
D12.776.860.300.250.400.550.200.....Collagen Type IX
D12.776.860.300.250.400.550.300.....Collagen Type XII
D12.776.860.300.250.600.....Procollagen
D12.776.860.300.250.700.....Tropocollagen
D12.776.860.300.350.....Elastin
D12.776.860.300.350.700.....Tropoelastin
D12.776.860.300.400.....Fibrillins
D12.776.860.300.400.500.....Fibrillin-1
D12.776.860.300.400.750.....Fibrillin-2
D12.776.860.300.450.....Fibronectins
D12.776.860.300.562.....Integrin-Binding Sialoprotein
D12.776.860.300.675.....Laminin
D12.776.860.300.688.....Latent TGF-beta Binding Proteins
D12.776.860.300.700.....Matrilin Proteins
D12.776.860.300.731.....Netrins
D12.776.860.300.731.500.....Netrin-1
D12.776.860.300.762.....Osteopontin
D12.776.860.300.806.....Small Leucine-Rich Proteoglycans
D12.776.860.300.806.500.....Biglycan
D12.776.860.300.806.750.....Decorin
D12.776.860.300.806.813.....Fibromodulin
D12.776.860.300.806.875.....Lumican
D12.776.860.300.850.....Tenascin
D12.776.860.300.885.....Versicans
D12.776.860.300.920.....Vitronectin
D12.776.860.476.....Gelatin
D12.776.860.607.....Keratins
D12.776.860.607.074.....beta-Keratins
D12.776.860.607.149.....Keratins, Hair-Specific
D12.776.860.607.300.....Keratins, Type I
D12.776.860.607.300.100.....Keratin-10
D12.776.860.607.300.200.....Keratin-12
D12.776.860.607.300.300.....Keratin-13
D12.776.860.607.300.400.....Keratin-14
D12.776.860.607.300.600.....Keratin-16
D12.776.860.607.300.700.....Keratin-17
D12.776.860.607.300.800.....Keratin-18
D12.776.860.607.300.900.....Keratin-19
D12.776.860.607.300.950.....Keratin-20
D12.776.860.607.650.....Keratins, Type II

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.860.607.650.100.....Keratin-1
D12.776.860.607.650.200.....Keratin-2
D12.776.860.607.650.300.....Keratin-3
D12.776.860.607.650.400.....Keratin-4
D12.776.860.607.650.500.....Keratin-5
D12.776.860.607.650.600.....Keratin-6
D12.776.860.607.650.700.....Keratin-7
D12.776.860.607.650.800.....Keratin-8
D12.776.860.607.650.900.....Keratin-9
D12.776.860.823.....Reticulin
D12.776.861.....Secretoglobins
D12.776.861.249.....Mammaglobin A
D12.776.861.260.....Mammaglobin B
D12.776.861.311.....Prostatein
D12.776.861.500.....Uteroglobin
D12.776.863.....Selenium-Binding Proteins
D12.776.864.....Selenoproteins
D12.776.864.100.....Methionine Sulfoxide Reductases
D12.776.864.124.....Selenoprotein P
D12.776.864.500.....Selenoprotein W
D12.776.866.....Seminal Plasma Proteins
D12.776.866.249.....Prostatic Secretory Proteins
D12.776.866.249.500.....Prostate-Specific Antigen
D12.776.866.500.....Seminal Vesicle Secretory Proteins
D12.776.872.....Serpins
D12.776.872.020.....Angiotensinogen
D12.776.872.030.....alpha 1-Antichymotrypsin
D12.776.872.035.....alpha 1-Antitrypsin
D12.776.872.050.....alpha-2-Antiplasmin
D12.776.872.060.....Antithrombin Proteins
D12.776.872.060.500.....Antithrombin III
D12.776.872.060.750.....Heparin Cofactor II
D12.776.872.060.875.....Hirudins
D12.776.872.140.....Complement C1 Inactivator Proteins
D12.776.872.140.500.....Complement C1 Inhibitor Protein
D12.776.872.418.....HSP47 Heat-Shock Proteins
D12.776.872.557.....Ovalbumin
D12.776.872.695.....Plasminogen Inactivators
D12.776.872.695.500.....Plasminogen Activator Inhibitor 1
D12.776.872.695.520.....Plasminogen Activator Inhibitor 2
D12.776.872.695.700.....Protein C Inhibitor

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.872.695.850.....Serpin E2
D12.776.872.847.....Thyroxine-Binding Globulin
D12.776.872.923.....Transcortin
D12.776.884.....Silver Proteins
D12.776.915.....Thioredoxins
D12.776.915.249.....Chloroplast Thioredoxins
D12.776.915.624.....Thioredoxin h
D12.776.922.....Thymosin
D12.776.930.....Transcription Factors
D12.776.930.100.....Adenovirus E1A Proteins
D12.776.930.110.....Adenovirus E1B Proteins
D12.776.930.120.....Antennapedia Homeodomain Protein
D12.776.930.125.....Basic Helix-Loop-Helix Transcription Factors
D12.776.930.125.249.....ARNTL Transcription Factors
D12.776.930.125.500.....Basic Helix-Loop-Helix Leucine Zipper Transcription Factors
D12.776.930.125.500.500.....Microphthalmia-Associated Transcription Factor
D12.776.930.125.500.563.....N-Myc Proto-Oncogene Protein
D12.776.930.125.500.625.....Nuclear Receptor Coactivator 1
D12.776.930.125.500.750.....Sterol Regulatory Element Binding Proteins
D12.776.930.125.500.750.500.....Sterol Regulatory Element Binding Protein 1
D12.776.930.125.500.750.750.....Sterol Regulatory Element Binding Protein 2
D12.776.930.125.500.875.....Transcription Factor 3
D12.776.930.125.500.937.....Transcription Factor 4
D12.776.930.125.562.....CLOCK Proteins
D12.776.930.125.625.....Hypoxia-Inducible Factor 1
D12.776.930.125.625.500.....Aryl Hydrocarbon Receptor Nuclear Translocator
D12.776.930.125.625.750.....Hypoxia-Inducible Factor 1, alpha Subunit
D12.776.930.125.750.....Myogenic Regulatory Factors
D12.776.930.125.750.294.....MEF2 Transcription Factors
D12.776.930.125.750.590.....MyoD Protein
D12.776.930.125.750.595.....Myogenic Regulatory Factor 5
D12.776.930.125.750.600.....Myogenin
D12.776.930.125.782.....Oligodendrocyte Transcription Factor 2
D12.776.930.125.813.....Proto-Oncogene Proteins c-myc
D12.776.930.125.829.....T-Cell Acute Lymphocytic Leukemia Protein 1
D12.776.930.125.844.....Transcription Factor HES-1
D12.776.930.125.906.....Twist Transcription Factors
D12.776.930.125.906.250.....Twist-Related Protein 1
D12.776.930.125.906.500.....Twist-Related Protein 2
D12.776.930.125.937.....Upstream Stimulatory Factors
D12.776.930.127.....Basic-Leucine Zipper Transcription Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.127.061.....Activating Transcription Factors
D12.776.930.127.061.500.....Activating Transcription Factor 1
D12.776.930.127.061.750.....Activating Transcription Factor 2
D12.776.930.127.061.875.....Activating Transcription Factor 3
D12.776.930.127.061.937.....Activating Transcription Factor 4
D12.776.930.127.061.968.....Activating Transcription Factor 6
D12.776.930.127.092.....Basic Helix-Loop-Helix Leucine Zipper Transcription Factors
D12.776.930.127.092.500.....Microphthalmia-Associated Transcription Factor
D12.776.930.127.092.625.....N-Myc Proto-Oncogene Protein
D12.776.930.127.092.750.....Sterol Regulatory Element Binding Proteins
D12.776.930.127.092.750.500.....Sterol Regulatory Element Binding Protein 1
D12.776.930.127.092.750.750.....Sterol Regulatory Element Binding Protein 2
D12.776.930.127.092.875.....Transcription Factor 3
D12.776.930.127.124.....CCAAT-Enhancer-Binding Proteins
D12.776.930.127.124.249.....CCAAT-Binding Factor
D12.776.930.127.124.500.....CCAAT-Enhancer-Binding Protein-alpha
D12.776.930.127.124.750.....CCAAT-Enhancer-Binding Protein-beta
D12.776.930.127.124.812.....CCAAT-Enhancer-Binding Protein-delta
D12.776.930.127.124.875.....Transcription Factor CHOP
D12.776.930.127.124.937.....Y-Box-Binding Protein 1
D12.776.930.127.184.....Cyclic AMP Response Element-Binding Protein
D12.776.930.127.186.....Cyclic AMP Response Element-Binding Protein A
D12.776.930.127.217.....Cyclic AMP Response Element Modulator
D12.776.930.127.311.....Fos-Related Antigen-2
D12.776.930.127.374.....Interferon Regulatory Factor-1
D12.776.930.127.500.....Maf Transcription Factors
D12.776.930.127.500.061.....Maf Transcription Factors, Large
D12.776.930.127.500.061.500.....MafB Transcription Factor
D12.776.930.127.500.061.625.....Oncogene Protein v-maf
D12.776.930.127.500.061.750.....Proto-Oncogene Proteins c-maf
D12.776.930.127.500.500.....Maf Transcription Factors, Small
D12.776.930.127.500.500.249.....MafF Transcription Factor
D12.776.930.127.500.500.500.....MafG Transcription Factor
D12.776.930.127.500.500.750.....MafK Transcription Factor
D12.776.930.127.656.....NF-E2 Transcription Factor
D12.776.930.127.656.750.....Maf Transcription Factors, Small
D12.776.930.127.656.750.249.....MafF Transcription Factor
D12.776.930.127.656.750.500.....MafG Transcription Factor
D12.776.930.127.656.750.750.....MafK Transcription Factor
D12.776.930.127.656.770.....NF-E2 Transcription Factor, p45 Subunit
D12.776.930.127.710.....NF-E2-Related Factor 1

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.127.737.....NF-E2-Related Factor 2
D12.776.930.127.765.....Proto-Oncogene Proteins c-fos
D12.776.930.127.820.....Proto-Oncogene Proteins c-jun
D12.776.930.127.875.....Transcription Factor AP-1
D12.776.930.127.937.....X-Box Binding Protein 1
D12.776.930.130.....beta Catenin
D12.776.930.137.....BRCA1 Protein
D12.776.930.146.....CDX2 Transcription Factor
D12.776.930.155.....Core Binding Factors
D12.776.930.155.200.....Core Binding Factor alpha Subunits
D12.776.930.155.200.100.....Core Binding Factor Alpha 1 Subunit
D12.776.930.155.200.200.....Core Binding Factor Alpha 2 Subunit
D12.776.930.155.200.300.....Core Binding Factor Alpha 3 Subunit
D12.776.930.155.400.....Core Binding Factor beta Subunit
D12.776.930.160.....COUP Transcription Factors
D12.776.930.165.....Cyclic AMP Receptor Protein
D12.776.930.211.....E2F Transcription Factors
D12.776.930.211.500.....E2F1 Transcription Factor
D12.776.930.211.625.....E2F2 Transcription Factor
D12.776.930.211.750.....E2F3 Transcription Factor
D12.776.930.211.812.....E2F4 Transcription Factor
D12.776.930.211.875.....E2F5 Transcription Factor
D12.776.930.211.937.....E2F6 Transcription Factor
D12.776.930.211.968.....E2F7 Transcription Factor
D12.776.930.213.....Early Growth Response Transcription Factors
D12.776.930.213.500.....Early Growth Response Protein 1
D12.776.930.213.750.....Early Growth Response Protein 2
D12.776.930.213.875.....Early Growth Response Protein 3
D12.776.930.215.....Elongin
D12.776.930.216.....Erythroid-Specific DNA-Binding Factors
D12.776.930.216.500.....GATA1 Transcription Factor
D12.776.930.216.625.....GATA2 Transcription Factor
D12.776.930.216.687.....GATA3 Transcription Factor
D12.776.930.216.750.....NF-E2 Transcription Factor
D12.776.930.216.750.750.....Maf Transcription Factors, Small
D12.776.930.216.750.750.249.....MafF Transcription Factor
D12.776.930.216.750.750.500.....MafG Transcription Factor
D12.776.930.216.750.750.750.....MafK Transcription Factor
D12.776.930.216.750.770.....NF-E2 Transcription Factor, p45 Subunit
D12.776.930.216.875.....YY1 Transcription Factor
D12.776.930.312.....Fushi Tarazu Transcription Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.313.....G-Box Binding Factors
D12.776.930.314.....GATA Transcription Factors
D12.776.930.314.100.....GATA1 Transcription Factor
D12.776.930.314.200.....GATA2 Transcription Factor
D12.776.930.314.300.....GATA3 Transcription Factor
D12.776.930.314.400.....GATA4 Transcription Factor
D12.776.930.314.500.....GATA5 Transcription Factor
D12.776.930.314.600.....GATA6 Transcription Factor
D12.776.930.315.....Goosecoid Protein
D12.776.930.317.....Heat Shock Transcription Factors
D12.776.930.318.....Hepatocyte Nuclear Factors
D12.776.930.318.500.....Hepatocyte Nuclear Factor 1
D12.776.930.318.500.500.....Hepatocyte Nuclear Factor 1-alpha
D12.776.930.318.500.750.....Hepatocyte Nuclear Factor 1-beta
D12.776.930.318.750.....Hepatocyte Nuclear Factor 3-alpha
D12.776.930.318.875.....Hepatocyte Nuclear Factor 3-beta
D12.776.930.318.937.....Hepatocyte Nuclear Factor 3-gamma
D12.776.930.318.968.....Hepatocyte Nuclear Factor 4
D12.776.930.318.984.....Hepatocyte Nuclear Factor 6
D12.776.930.324.....Homeobox Protein Nkx-2.5
D12.776.930.325.....Host Cell Factor C1
D12.776.930.326.....I-kappa B Proteins
D12.776.930.326.500.....NF-KappaB Inhibitor alpha
D12.776.930.327.....Immunoglobulin J Recombination Signal Sequence-Binding Protein
D12.776.930.329.....Inhibitor of Differentiation Proteins
D12.776.930.329.249.....Inhibitor of Differentiation Protein 1
D12.776.930.329.500.....Inhibitor of Differentiation Protein 2
D12.776.930.332.....Interferon Regulatory Factors
D12.776.930.332.124.....Interferon Regulatory Factor-1
D12.776.930.332.249.....Interferon Regulatory Factor-2
D12.776.930.332.374.....Interferon Regulatory Factor-3
D12.776.930.332.437.....Interferon Regulatory Factor-7
D12.776.930.332.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.930.354.....Interferon-Stimulated Gene Factor 3
D12.776.930.354.249.....Interferon-Stimulated Gene Factor 3, alpha Subunit
D12.776.930.354.249.500.....STAT1 Transcription Factor
D12.776.930.354.249.750.....STAT2 Transcription Factor
D12.776.930.354.500.....Interferon-Stimulated Gene Factor 3, gamma Subunit
D12.776.930.375.....Kruppel-Like Transcription Factors
D12.776.930.375.500.....Ikaros Transcription Factor
D12.776.930.375.563.....Kruppel-Like Factor 6



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.375.625.....Promyelocytic Leukemia Zinc Finger Protein
D12.776.930.375.750.....Sp Transcription Factors
D12.776.930.375.750.249.....Sp1 Transcription Factor
D12.776.930.375.750.500.....Sp2 Transcription Factor
D12.776.930.375.750.750.....Sp3 Transcription Factor
D12.776.930.375.750.875.....Sp4 Transcription Factor
D12.776.930.375.750.937.....Sp7 Transcription Factor
D12.776.930.375.875.....Zinc Finger Protein Gli3
D12.776.930.386.....Leucine-Responsive Regulatory Protein
D12.776.930.397.....MADS Domain Proteins
D12.776.930.397.249.....AGAMOUS Protein, Arabidopsis
D12.776.930.397.374.....DEFICIENS Protein
D12.776.930.397.700.....MEF2 Transcription Factors
D12.776.930.397.750.....Minichromosome Maintenance 1 Protein
D12.776.930.397.875.....Serum Response Factor
D12.776.930.419.....MDS1 and EVI1 Complex Locus Protein
D12.776.930.440.....MSX1 Transcription Factor
D12.776.930.462.....Myeloid Ecotropic Viral Integration Site 1 Protein
D12.776.930.483.....Myeloid-Lymphoid Leukemia Protein
D12.776.930.542.....Nanog Homeobox Protein
D12.776.930.600.....NF-kappa B
D12.776.930.600.124.....NF-kappa B p50 Subunit
D12.776.930.600.186.....NF-kappa B p52 Subunit
D12.776.930.600.249.....Transcription Factor RelA
D12.776.930.600.500.....Transcription Factor RelB
D12.776.930.608.....NFATC Transcription Factors
D12.776.930.612.....NFI Transcription Factors
D12.776.930.616.....Nuclear Factor 90 Proteins
D12.776.930.616.500.....Nuclear Factor 45 Protein
D12.776.930.617.....Nuclear Receptor Coactivators
D12.776.930.617.049.....Mediator Complex Subunit 1
D12.776.930.617.100.....Nuclear Receptor Coactivator 1
D12.776.930.617.200.....Nuclear Receptor Coactivator 2
D12.776.930.617.300.....Nuclear Receptor Coactivator 3
D12.776.930.617.650.....Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
D12.776.930.618.....Nuclear Respiratory Factors
D12.776.930.618.249.....GA-Binding Protein Transcription Factor
D12.776.930.618.500.....Nuclear Respiratory Factor 1
D12.776.930.640.....Onecut Transcription Factors
D12.776.930.640.500.....Hepatocyte Nuclear Factor 6
D12.776.930.645.....Orphan Nuclear Receptors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.650.....Otx Transcription Factors
D12.776.930.680.....p300-CBP Transcription Factors
D12.776.930.680.300.....CREB-Binding Protein
D12.776.930.680.600.....E1A-Associated p300 Protein
D12.776.930.700.....Paired Box Transcription Factors
D12.776.930.700.500.....PAX5 Transcription Factor
D12.776.930.700.750.....PAX2 Transcription Factor
D12.776.930.700.782.....PAX3 Transcription Factor
D12.776.930.700.813.....PAX6 Transcription Factor
D12.776.930.700.875.....PAX7 Transcription Factor
D12.776.930.700.906.....PAX8 Transcription Factor
D12.776.930.700.937.....PAX9 Transcription Factor
D12.776.930.705.....Peroxisome Proliferator-Activated Receptors
D12.776.930.710.....POU Domain Factors
D12.776.930.710.500.....Octamer Transcription Factors
D12.776.930.710.500.100.....Octamer Transcription Factor-1
D12.776.930.710.500.200.....Octamer Transcription Factor-2
D12.776.930.710.500.300.....Octamer Transcription Factor-3
D12.776.930.710.500.600.....Octamer Transcription Factor-6
D12.776.930.710.625.....Transcription Factor Brn-3
D12.776.930.710.625.500.....Transcription Factor Brn-3A
D12.776.930.710.625.750.....Transcription Factor Brn-3B
D12.776.930.710.625.875.....Transcription Factor Brn-3C
D12.776.930.710.750.....Transcription Factor Pit-1
D12.776.930.712.....Pre-B-Cell Leukemia Transcription Factor 1
D12.776.930.713.....Promyelocytic Leukemia Protein
D12.776.930.715.....Proto-Oncogene Proteins c-bcl-6
D12.776.930.720.....Proto-Oncogene Proteins c-ets
D12.776.930.720.100.....Proto-Oncogene Protein c-ets-1
D12.776.930.720.200.....Proto-Oncogene Protein c-ets-2
D12.776.930.720.400.....Proto-Oncogene Protein c-fli-1
D12.776.930.720.600.....Ternary Complex Factors
D12.776.930.720.600.100.....ets-Domain Protein Elk-1
D12.776.930.720.600.300.....ets-Domain Protein Elk-4
D12.776.930.725.....Proto-Oncogene Proteins c-myb
D12.776.930.730.....Proto-Oncogene Proteins c-rel
D12.776.930.760.....Receptors, Aryl Hydrocarbon
D12.776.930.770.....Receptors, Notch
D12.776.930.770.500.....Receptor, Notch1
D12.776.930.770.750.....Receptor, Notch2
D12.776.930.770.875.....Receptor, Notch3

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.770.937.....Receptor, Notch4
D12.776.930.775.....Receptors, Retinoic Acid
D12.776.930.775.250.....Retinoic Acid Receptor alpha
D12.776.930.775.500.....Retinoid X Receptors
D12.776.930.778.....Receptors, Steroid
D12.776.930.778.350.....Receptors, Estrogen
D12.776.930.780.....Repressor Proteins
D12.776.930.780.500.....AraC Transcription Factor
D12.776.930.780.563.....CCCTC-Binding Factor
D12.776.930.780.625.....Co-Repressor Proteins
D12.776.930.780.625.186.....DAX-1 Orphan Nuclear Receptor
D12.776.930.780.625.374.....Nuclear Receptor Co-Repressor 1
D12.776.930.780.625.400.....Nuclear Receptor Co-Repressor 2
D12.776.930.780.625.575.....RUNX1 Translocation Partner 1 Protein
D12.776.930.780.625.750.....Sin3 Histone Deacetylase and Corepressor Complex
D12.776.930.780.750.....COUP Transcription Factor II
D12.776.930.780.781.....Lac Repressors
D12.776.930.780.890.....Polycomb-Group Proteins
D12.776.930.780.890.100.....Polycomb Repressive Complex 1
D12.776.930.780.890.200.....Polycomb Repressive Complex 2
D12.776.930.780.890.200.250.....Enhancer of Zeste Homolog 2 Protein
D12.776.930.780.890.200.500.....Retinoblastoma-Binding Protein 4
D12.776.930.780.890.200.750.....Retinoblastoma-Binding Protein 7
D12.776.930.780.904.....Positive Regulatory Domain I-Binding Factor 1
D12.776.930.780.911.....Tripartite Motif-Containing Protein 28
D12.776.930.780.918.....Zinc Finger E-box Binding Homeobox 2
D12.776.930.780.945.....Zinc Finger E-box-Binding Homeobox 1
D12.776.930.780.972.....Zinc Finger Protein Gli3
D12.776.930.785.....Rho Factor
D12.776.930.800.....Sigma Factor
D12.776.930.806.....Smad Proteins
D12.776.930.806.500.....Smad Proteins, Receptor-Regulated
D12.776.930.806.500.100.....Smad1 Protein
D12.776.930.806.500.200.....Smad2 Protein
D12.776.930.806.500.300.....Smad3 Protein
D12.776.930.806.500.500.....Smad5 Protein
D12.776.930.806.500.800.....Smad8 Protein
D12.776.930.806.750.....Smad4 Protein
D12.776.930.806.875.....Smad6 Protein
D12.776.930.809.....SMARCB1 Protein
D12.776.930.815.....Snail Family Transcription Factors

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.823.....SOX Transcription Factors
D12.776.930.823.049.....Sex-Determining Region Y Protein
D12.776.930.823.100.....SOXB1 Transcription Factors
D12.776.930.823.200.....SOXB2 Transcription Factors
D12.776.930.823.300.....SOXC Transcription Factors
D12.776.930.823.400.....SOXD Transcription Factors
D12.776.930.823.500.....SOXE Transcription Factors
D12.776.930.823.500.500.....SOX9 Transcription Factor
D12.776.930.823.600.....SOXF Transcription Factors
D12.776.930.840.....STAT Transcription Factors
D12.776.930.840.100.....STAT1 Transcription Factor
D12.776.930.840.200.....STAT2 Transcription Factor
D12.776.930.840.300.....STAT3 Transcription Factor
D12.776.930.840.400.....STAT4 Transcription Factor
D12.776.930.840.500.....STAT5 Transcription Factor
D12.776.930.840.600.....STAT6 Transcription Factor
D12.776.930.850.....T-Box Domain Proteins
D12.776.930.875.....TCF Transcription Factors
D12.776.930.875.500.....Lymphoid Enhancer-Binding Factor 1
D12.776.930.875.750.....T Cell Transcription Factor 1
D12.776.930.875.812.....Transcription Factor 7-Like 1 Protein
D12.776.930.875.875.....Transcription Factor 7-Like 2 Protein
D12.776.930.888.....Thyroid Nuclear Factor 1
D12.776.930.900.....Trans-Activators
D12.776.930.900.199.....Gene Products, tat
D12.776.930.900.199.500.....tat Gene Products, Human Immunodeficiency Virus
D12.776.930.900.400.....Herpes Simplex Virus Protein Vmw65
D12.776.930.900.550.....Transcription Activator-Like Effectors
D12.776.930.900.625.....Transcriptional Regulator ERG
D12.776.930.900.700.....Zinc Finger Protein GLI1
D12.776.930.900.850.....Zinc Finger Protein Gli2
D12.776.930.907.....Transcription Factor AP-2
D12.776.930.908.....Transcription Factor DP1
D12.776.930.930.....Transcription Factors, General
D12.776.930.930.092.....Pol1 Transcription Initiation Complex Proteins
D12.776.930.930.186.....TATA-Binding Protein Associated Factors
D12.776.930.930.374.....TATA-Box Binding Protein
D12.776.930.930.812.....TATA Box Binding Protein-Like Proteins
D12.776.930.930.875.....Transcription Factors, TFII
D12.776.930.930.875.374.....Transcription Factor TFIIA
D12.776.930.930.875.562.....Transcription Factor TFIIIB

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.930.930.875.750.....Transcription Factor TFIIID
D12.776.930.930.875.750.500.....TATA-Box Binding Protein
D12.776.930.930.875.875.....Transcription Factor TFIIH
D12.776.930.930.875.875.500.....Xeroderma Pigmentosum Group D Protein
D12.776.930.930.937.....Transcription Factors, TFIII
D12.776.930.930.937.249.....Transcription Factor TFIIIA
D12.776.930.930.937.500.....Transcription Factor TFIIIB
D12.776.930.955.....Transcriptional Elongation Factors
D12.776.930.955.500.....Positive Transcriptional Elongation Factor B
D12.776.930.955.500.249.....Cyclin T
D12.776.930.955.500.500.....Cyclin-Dependent Kinase 9
D12.776.930.960.....Tristetraprolin
D12.776.930.969.....Tumor Protein p73
D12.776.930.977.....Winged-Helix Transcription Factors
D12.776.930.977.249.....Forkhead Transcription Factors
D12.776.930.977.249.032.....Forkhead Box Protein L2
D12.776.930.977.249.063.....Forkhead Box Protein M1
D12.776.930.977.249.125.....Forkhead Box Protein O3
D12.776.930.977.249.250.....Forkhead Box Protein O1
D12.776.930.977.249.500.....Hepatocyte Nuclear Factor 3-alpha
D12.776.930.977.249.750.....Hepatocyte Nuclear Factor 3-beta
D12.776.930.977.249.875.....Hepatocyte Nuclear Factor 3-gamma
D12.776.930.977.624.....Regulatory Factor X Transcription Factors
D12.776.930.977.624.500.....Regulatory Factor X1
D12.776.934.....Tripartite Motif Proteins
D12.776.934.500.....Promyelocytic Leukemia Protein
D12.776.934.750.....Pyrin
D12.776.934.875.....Tripartite Motif-Containing Protein 28
D12.776.938.....Ubiquitinated Proteins
D12.776.947.....Ubiquitins
D12.776.947.125.....Autophagy-Related Protein 12
D12.776.947.187.....Autophagy-Related Protein 8 Family
D12.776.947.218.....NEDD8 Protein
D12.776.947.249.....Small Ubiquitin-Related Modifier Proteins
D12.776.947.249.500.....SUMO-1 Protein
D12.776.947.500.....Ubiquitin
D12.776.947.500.500.....Polyubiquitin
D12.776.947.500.750.....Ubiquitin C
D12.776.964.....Viral Proteins
D12.776.964.700.....Oncogene Proteins, Viral
D12.776.964.700.045.....Adenovirus Early Proteins

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.964.700.045.050.....Adenovirus E1 Proteins
D12.776.964.700.045.050.100.....Adenovirus E1A Proteins
D12.776.964.700.045.050.110.....Adenovirus E1B Proteins
D12.776.964.700.045.060.....Adenovirus E2 Proteins
D12.776.964.700.045.070.....Adenovirus E3 Proteins
D12.776.964.700.045.080.....Adenovirus E4 Proteins
D12.776.964.700.090.....Antigens, Polyomavirus Transforming
D12.776.964.700.750.....Retroviridae Proteins, Oncogenic
D12.776.964.700.750.320.....Fusion Proteins, gag-onc
D12.776.964.700.750.320.700.....Oncogene Protein p65(gag-jun)
D12.776.964.700.750.470.....Gene Products, rex
D12.776.964.700.750.480.....Gene Products, tax
D12.776.964.700.750.650.....Oncogene Protein gp140(v-fms)
D12.776.964.700.750.710.....Oncogene Protein p21(ras)
D12.776.964.700.750.750.....Oncogene Protein p55(v-myc)
D12.776.964.700.750.760.....Oncogene Protein pp60(v-src)
D12.776.964.700.750.817.....Oncogene Protein v-maf
D12.776.964.700.750.875.....Oncogene Proteins v-abl
D12.776.964.700.750.882.....Oncogene Proteins v-erbA
D12.776.964.700.750.883.....Oncogene Proteins v-erbB
D12.776.964.700.750.887.....Oncogene Proteins v-fos
D12.776.964.700.750.900.....Oncogene Proteins v-mos
D12.776.964.700.750.903.....Oncogene Proteins v-myb
D12.776.964.700.750.920.....Oncogene Proteins v-raf
D12.776.964.700.750.925.....Oncogene Proteins v-rel
D12.776.964.700.750.935.....Oncogene Proteins v-sis
D12.776.964.775.....Retroviridae Proteins
D12.776.964.775.325.....Gene Products, env
D12.776.964.775.325.164.....env Gene Products, Human Immunodeficiency Virus
D12.776.964.775.325.164.200.....HIV Envelope Protein gp41
D12.776.964.775.325.164.249.....HIV Envelope Protein gp120
D12.776.964.775.325.164.374.....HIV Envelope Protein gp160
D12.776.964.775.350.....Gene Products, gag
D12.776.964.775.350.320.....Fusion Proteins, gag-onc
D12.776.964.775.350.320.700.....Oncogene Protein p65(gag-jun)
D12.776.964.775.350.325.....Fusion Proteins, gag-pol
D12.776.964.775.350.362.....gag Gene Products, Human Immunodeficiency Virus
D12.776.964.775.350.362.500.....HIV Core Protein p24
D12.776.964.775.362.....Gene Products, nef
D12.776.964.775.362.500.....nef Gene Products, Human Immunodeficiency Virus
D12.776.964.775.375.....Gene Products, pol

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.964.775.375.325.....Fusion Proteins, gag-pol
D12.776.964.775.375.545.....pol Gene Products, Human Immunodeficiency Virus
D12.776.964.775.375.545.500.....HIV Integrase
D12.776.964.775.375.545.750.....HIV Protease
D12.776.964.775.375.545.875.....HIV Reverse Transcriptase
D12.776.964.775.375.545.875.500.....Ribonuclease H, Human Immunodeficiency Virus
D12.776.964.775.375.750.....RNA-Directed DNA Polymerase
D12.776.964.775.375.750.187.....HIV Reverse Transcriptase
D12.776.964.775.468.....Gene Products, vif
D12.776.964.775.468.500.....vif Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.....Human Immunodeficiency Virus Proteins
D12.776.964.775.562.500.....env Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.500.200.....HIV Envelope Protein gp41
D12.776.964.775.562.500.500.....HIV Envelope Protein gp120
D12.776.964.775.562.500.750.....HIV Envelope Protein gp160
D12.776.964.775.562.750.....gag Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.750.500.....HIV Core Protein p24
D12.776.964.775.562.760.....nef Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.764.....pol Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.764.500.....HIV Integrase
D12.776.964.775.562.764.875.....HIV Reverse Transcriptase
D12.776.964.775.562.764.875.500.....Ribonuclease H, Human Immunodeficiency Virus
D12.776.964.775.562.770.....rev Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.773.....tat Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.781.....vif Gene Products, Human Immunodeficiency Virus
D12.776.964.775.562.937.....vpr Gene Products, Human Immunodeficiency Virus
D12.776.964.775.750.....Retroviridae Proteins, Oncogenic
D12.776.964.775.750.320.....Fusion Proteins, gag-onc
D12.776.964.775.750.320.700.....Oncogene Protein p65(gag-jun)
D12.776.964.775.750.470.....Gene Products, rex
D12.776.964.775.750.480.....Gene Products, tax
D12.776.964.775.750.650.....Oncogene Protein gp140(v-fms)
D12.776.964.775.750.710.....Oncogene Protein p21(ras)
D12.776.964.775.750.750.....Oncogene Protein p55(v-myc)
D12.776.964.775.750.760.....Oncogene Protein pp60(v-src)
D12.776.964.775.750.817.....Oncogene Protein v-maf
D12.776.964.775.750.875.....Oncogene Proteins v-abl
D12.776.964.775.750.882.....Oncogene Proteins v-erbA
D12.776.964.775.750.883.....Oncogene Proteins v-erbB
D12.776.964.775.750.887.....Oncogene Proteins v-fos
D12.776.964.775.750.900.....Oncogene Proteins v-mos

## 2018 MeSH Tree Hierarchy

Tree location
D12.776.964.775.750.903.....Oncogene Proteins v-myb
D12.776.964.775.750.920.....Oncogene Proteins v-raf
D12.776.964.775.750.925.....Oncogene Proteins v-rel
D12.776.964.775.750.935.....Oncogene Proteins v-sis
D12.776.964.900.....Viral Nonstructural Proteins
D12.776.964.925.....Viral Regulatory and Accessory Proteins
D12.776.964.925.500.....Gene Products, nef
D12.776.964.925.500.500.....nef Gene Products, Human Immunodeficiency Virus
D12.776.964.925.750.....Gene Products, rex
D12.776.964.925.875.....Gene Products, vif
D12.776.964.925.875.500.....vif Gene Products, Human Immunodeficiency Virus
D12.776.964.925.968.....Immediate-Early Proteins
D12.776.964.925.984.....Trans-Activators
D12.776.964.925.984.385.....Gene Products, rev
D12.776.964.925.984.385.500.....rev Gene Products, Human Immunodeficiency Virus
D12.776.964.925.984.400.....Gene Products, tat
D12.776.964.925.984.400.500.....tat Gene Products, Human Immunodeficiency Virus
D12.776.964.925.984.410.....Gene Products, tax
D12.776.964.925.984.430.....Gene Products, vpr
D12.776.964.925.984.430.500.....vpr Gene Products, Human Immunodeficiency Virus
D12.776.964.925.984.445.....Herpes Simplex Virus Protein Vmw65
D12.776.964.970.....Viral Structural Proteins
D12.776.964.970.600.....Nucleocapsid Proteins
D12.776.964.970.600.550.....Capsid Proteins
D12.776.964.970.600.850.....Viral Core Proteins
D12.776.964.970.600.850.350.....Gene Products, gag
D12.776.964.970.600.850.350.325.....Fusion Proteins, gag-pol
D12.776.964.970.600.850.350.362.....gag Gene Products, Human Immunodeficiency Virus
D12.776.964.970.600.850.350.362.500.....HIV Core Protein p24
D12.776.964.970.600.850.375.....Gene Products, pol
D12.776.964.970.600.850.375.325.....Fusion Proteins, gag-pol
D12.776.964.970.600.850.375.545.....pol Gene Products, Human Immunodeficiency Virus
D12.776.964.970.600.850.375.545.500.....HIV Integrase
D12.776.964.970.600.850.375.545.875.....HIV Reverse Transcriptase
D12.776.964.970.600.850.375.545.875.500.....Ribonuclease H, Human Immunodeficiency Virus
D12.776.964.970.600.850.375.750.....RNA-Directed DNA Polymerase
D12.776.964.970.600.850.375.750.187.....HIV Reverse Transcriptase
D12.776.964.970.600.850.375.750.187.500.....Ribonuclease H, Human Immunodeficiency Virus
D12.776.964.970.700.....Plant Viral Movement Proteins
D12.776.964.970.880.....Viral Envelope Proteins
D12.776.964.970.880.325.....Gene Products, env



## 2018 MeSH Tree Hierarchy

Tree location
D12.776.964.970.880.325.164.....env Gene Products, Human Immunodeficiency Virus
D12.776.964.970.880.325.164.200.....HIV Envelope Protein gp41
D12.776.964.970.880.325.164.249.....HIV Envelope Protein gp120
D12.776.964.970.880.325.164.374.....HIV Envelope Protein gp160
D12.776.964.970.880.345.....Hemagglutinins, Viral
D12.776.964.970.880.345.500.....Hemagglutinin Glycoproteins, Influenza Virus
D12.776.964.970.880.350.....HN Protein
D12.776.964.970.880.910.....Viral Fusion Proteins
D12.776.964.970.880.910.330.....HIV Envelope Protein gp41
D12.776.964.970.880.910.665.....Spike Glycoprotein, Coronavirus
D12.776.964.970.880.940.....Viral Matrix Proteins
D12.776.964.970.910.....Viral Tail Proteins
D13.....Nucleic Acids, Nucleotides, and Nucleosides
D13.150.....Antisense Elements (Genetics)
D13.150.200.....DNA, Antisense
D13.150.200.640.....Oligodeoxyribonucleotides, Antisense
D13.150.480.....Oligonucleotides, Antisense
D13.150.480.640.....Oligodeoxyribonucleotides, Antisense
D13.150.480.645.....Oligoribonucleotides, Antisense
D13.150.650.....RNA, Antisense
D13.150.650.319.....MicroRNAs
D13.150.650.319.500.....Circulating MicroRNA
D13.150.650.640.....Oligoribonucleotides, Antisense
D13.150.650.700.....RNA, Small Interfering
D13.400.....Nucleic Acid Precursors
D13.400.730.....RNA Precursors
D13.444.....Nucleic Acids
D13.444.154.....Cell-Free Nucleic Acids
D13.444.154.250.....Circulating MicroRNA
D13.444.154.500.....Circulating Tumor DNA
D13.444.308.....DNA
D13.444.308.065.....DNA, Ancient
D13.444.308.130.....DNA, A-Form
D13.444.308.135.....DNA Adducts
D13.444.308.148.....DNA, Algal
D13.444.308.150.....DNA, Antisense
D13.444.308.150.640.....Oligodeoxyribonucleotides, Antisense
D13.444.308.180.....DNA, Archaeal
D13.444.308.196.....DNA, B-Form
D13.444.308.212.....DNA, Bacterial
D13.444.308.227.....DNA, C-Form

## 2018 MeSH Tree Hierarchy

Tree location
D13.444.308.243.....DNA, Catalytic
D13.444.308.283.....DNA, Circular
D13.444.308.283.084.....DNA, Catenated
D13.444.308.283.170.....DNA, Chloroplast
D13.444.308.283.225.....DNA, Mitochondrial
D13.444.308.283.225.200.....DNA, Kinetoplast
D13.444.308.283.250.....DNA, Superhelical
D13.444.308.291.....DNA, Concatenated
D13.444.308.295.....DNA, Cruciform
D13.444.308.300.....DNA, Fungal
D13.444.308.315.....DNA, Helminth
D13.444.308.324.....DNA, Intergenic
D13.444.308.324.230.....DNA, Ribosomal Spacer
D13.444.308.425.....DNA, Neoplasm
D13.444.308.425.500.....Circulating Tumor DNA
D13.444.308.435.....DNA, Plant
D13.444.308.435.275.....DNA, Chloroplast
D13.444.308.442.....DNA, Protozoan
D13.444.308.442.200.....DNA, Kinetoplast
D13.444.308.460.....DNA, Recombinant
D13.444.308.475.....DNA, Ribosomal
D13.444.308.475.230.....DNA, Ribosomal Spacer
D13.444.308.480.....DNA, Satellite
D13.444.308.497.....DNA, Single-Stranded
D13.444.308.497.220.....DNA, Complementary
D13.444.308.520.....DNA Transposable Elements
D13.444.308.568.....DNA, Viral
D13.444.308.574.....DNA, Z-Form
D13.444.308.580.....Isochores
D13.444.308.760.....Retroelements
D13.444.404.....Immobilized Nucleic Acids
D13.444.500.....Nucleic Acid Heteroduplexes
D13.444.600.....Nucleic Acid Probes
D13.444.600.150.....Antisense Elements (Genetics)
D13.444.600.150.200.....DNA, Antisense
D13.444.600.150.200.640.....Oligodeoxyribonucleotides, Antisense
D13.444.600.150.640.....Oligonucleotides, Antisense
D13.444.600.150.640.640.....Oligodeoxyribonucleotides, Antisense
D13.444.600.150.640.645.....Oligoribonucleotides, Antisense
D13.444.600.150.760.....RNA, Antisense
D13.444.600.150.760.640.....Oligoribonucleotides, Antisense

## 2018 MeSH Tree Hierarchy

Tree location
D13.444.600.223.....DNA Probes
D13.444.600.223.500.....DNA, Complementary
D13.444.600.223.550.....DNA Probes, HLA
D13.444.600.223.555.....DNA Probes, HPV
D13.444.600.601.....Oligonucleotide Probes
D13.444.600.723.....RNA Probes
D13.444.600.723.480.....RNA, Complementary
D13.444.735.....RNA
D13.444.735.064.....RNA Isoforms
D13.444.735.130.....RNA, Algal
D13.444.735.150.....RNA, Antisense
D13.444.735.150.319.....MicroRNAs
D13.444.735.150.319.500.....Circulating MicroRNA
D13.444.735.150.640.....Oligoribonucleotides, Antisense
D13.444.735.150.700.....RNA, Small Interfering
D13.444.735.300.....RNA, Archaeal
D13.444.735.473.....RNA, Bacterial
D13.444.735.480.....RNA, Complementary
D13.444.735.490.....RNA, Double-Stranded
D13.444.735.500.....RNA, Fungal
D13.444.735.520.....RNA, Helminth
D13.444.735.544.....RNA, Messenger
D13.444.735.544.355.....Codon
D13.444.735.544.355.225.....Codon, Initiator
D13.444.735.544.355.250.....Codon, Terminator
D13.444.735.544.355.250.235.....Codon, Nonsense
D13.444.735.544.427.....Riboswitch
D13.444.735.544.500.....RNA Caps
D13.444.735.544.500.710.....RNA Cap Analogs
D13.444.735.544.527.....RNA, Messenger, Stored
D13.444.735.544.550.....RNA Splice Sites
D13.444.735.544.875.....Untranslated Regions
D13.444.735.544.875.880.....3' Untranslated Regions
D13.444.735.544.875.885.....5' Untranslated Regions
D13.444.735.615.....RNA, Neoplasm
D13.444.735.628.....RNA, Nuclear
D13.444.735.628.806.....RNA, Heterogeneous Nuclear
D13.444.735.628.818.....RNA, Small Nuclear
D13.444.735.628.818.800.....RNA, Small Nucleolar
D13.444.735.635.....RNA, Plant
D13.444.735.635.575.....RNA, Chloroplast

## 2018 MeSH Tree Hierarchy

Tree location
D13.444.735.640.....RNA Precursors
D13.444.735.650.....RNA, Protozoan
D13.444.735.686.....RNA, Ribosomal
D13.444.735.686.650.....RNA, Ribosomal, 5S
D13.444.735.686.660.....RNA, Ribosomal, 5.8S
D13.444.735.686.670.....RNA, Ribosomal, 16S
D13.444.735.686.675.....RNA, Ribosomal, 18S
D13.444.735.686.680.....RNA, Ribosomal, 23S
D13.444.735.686.690.....RNA, Ribosomal, 28S
D13.444.735.686.845.....RNA, Ribosomal, Self-Splicing
D13.444.735.721.....RNA, Satellite
D13.444.735.721.250.....Cucumber Mosaic Virus Satellite
D13.444.735.757.....RNA, Transfer
D13.444.735.757.286.....Anticodon
D13.444.735.757.700.....RNA, Transfer, Amino Acid-Specific
D13.444.735.757.700.050.....RNA, Transfer, Ala
D13.444.735.757.700.075.....RNA, Transfer, Arg
D13.444.735.757.700.085.....RNA, Transfer, Asn
D13.444.735.757.700.090.....RNA, Transfer, Asp
D13.444.735.757.700.200.....RNA, Transfer, Cys
D13.444.735.757.700.400.....RNA, Transfer, Gln
D13.444.735.757.700.410.....RNA, Transfer, Glu
D13.444.735.757.700.420.....RNA, Transfer, Gly
D13.444.735.757.700.450.....RNA, Transfer, His
D13.444.735.757.700.480.....RNA, Transfer, Ile
D13.444.735.757.700.500.....RNA, Transfer, Leu
D13.444.735.757.700.510.....RNA, Transfer, Lys
D13.444.735.757.700.525.....RNA, Transfer, Met
D13.444.735.757.700.650.....RNA, Transfer, Phe
D13.444.735.757.700.660.....RNA, Transfer, Pro
D13.444.735.757.700.700.....RNA, Transfer, Ser
D13.444.735.757.700.725.....RNA, Transfer, Thr
D13.444.735.757.700.740.....RNA, Transfer, Trp
D13.444.735.757.700.750.....RNA, Transfer, Tyr
D13.444.735.757.700.900.....RNA, Transfer, Val
D13.444.735.757.715.....RNA, Transfer, Amino Acyl
D13.444.735.790.....RNA, Untranslated
D13.444.735.790.199.....RNA, Catalytic
D13.444.735.790.375.....RNA, Long Noncoding
D13.444.735.790.552.....RNA, Small Untranslated
D13.444.735.790.552.500.....MicroRNAs

## 2018 MeSH Tree Hierarchy

Tree location
D13.444.735.790.552.500.500.....Circulating MicroRNA
D13.444.735.790.552.625.....RNA, Guide
D13.444.735.790.552.750.....RNA, Small Cytoplasmic
D13.444.735.790.552.875.....RNA, Small Interfering
D13.444.735.790.552.937.....RNA, Small Nuclear
D13.444.735.790.552.937.800.....RNA, Small Nucleolar
D13.444.735.790.552.968.....RNA, Spliced Leader
D13.444.735.790.878.....Untranslated Regions
D13.444.735.790.878.880.....3' Untranslated Regions
D13.444.735.790.878.885.....5' Untranslated Regions
D13.444.735.790.878.942.....Regulatory Sequences, Ribonucleic Acid
D13.444.735.790.878.942.250.....Internal Ribosome Entry Sites
D13.444.735.790.878.942.500.....Riboswitch
D13.444.735.828.....RNA, Viral
D13.570.....Nucleosides
D13.570.065.....Arabinonucleosides
D13.570.065.090.....Arabinofuranosyluracil
D13.570.065.300.....Cytarabine
D13.570.065.300.050.....Ancitabine
D13.570.065.950.....Vidarabine
D13.570.230.....Deoxyribonucleosides
D13.570.230.229.....Deoxyadenosines
D13.570.230.229.075.....Cladribine
D13.570.230.229.105.....Dideoxyadenosine
D13.570.230.229.650.....Puromycin Aminonucleoside
D13.570.230.329.....Deoxycytidine
D13.570.230.329.100.....Bromodeoxycytidine
D13.570.230.329.313.....Capecitabine
D13.570.230.329.525.....Emtricitabine
D13.570.230.329.525.250.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D13.570.230.329.525.500.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D13.570.230.329.950.....Zalcitabine
D13.570.230.329.950.500.....Lamivudine
D13.570.230.360.....Deoxyguanosine
D13.570.230.430.....Deoxyuridine
D13.570.230.430.196.....Bromodeoxyuridine
D13.570.230.430.432.....Floxuridine
D13.570.230.430.609.....Idoxuridine
D13.570.230.500.....Dideoxynucleosides
D13.570.230.500.090.....Didanosine
D13.570.230.500.105.....Dideoxyadenosine

## 2018 MeSH Tree Hierarchy

Tree location
D13.570.230.500.850.....Stavudine
D13.570.230.500.925.....Zalcitabine
D13.570.230.500.925.500.....Lamivudine
D13.570.230.500.950.....Zidovudine
D13.570.230.677.....Pentostatin
D13.570.230.855.....Thymidine
D13.570.230.855.875.....Stavudine
D13.570.230.855.900.....Trifluridine
D13.570.230.855.950.....Zidovudine
D13.570.583.....Purine Nucleosides
D13.570.583.138.....Adenosine
D13.570.583.138.025.....Adenosine-5'-(N-ethylcarboxamide)
D13.570.583.138.240.....S-Adenosylhomocysteine
D13.570.583.138.264.....S-Adenosylmethionine
D13.570.583.138.300.....2-Chloroadenosine
D13.570.583.138.300.200.....Cladribine
D13.570.583.138.325.....Deoxyadenosines
D13.570.583.138.325.075.....Cladribine
D13.570.583.138.325.105.....Dideoxyadenosine
D13.570.583.138.325.800.....Puromycin Aminonucleoside
D13.570.583.138.500.....Isopentenyladenosine
D13.570.583.138.630.....Phenylisopropyladenosine
D13.570.583.138.711.....Puromycin
D13.570.583.138.711.650.....Puromycin Aminonucleoside
D13.570.583.138.900.....Vidarabine
D13.570.583.454.....Guanosine
D13.570.583.454.240.....Deoxyguanosine
D13.570.583.454.500.....Nucleoside Q
D13.570.583.616.....Inosine
D13.570.583.616.130.....Didanosine
D13.570.583.616.450.....Inosine Pranobex
D13.570.583.616.900.....Thioinosine
D13.570.583.616.900.500.....Methylthioinosine
D13.570.583.910.....Tubercidin
D13.570.685.....Pyrimidine Nucleosides
D13.570.685.245.....Cytidine
D13.570.685.245.217.....Azacitidine
D13.570.685.245.453.....Cytarabine
D13.570.685.245.453.050.....Ancitabine
D13.570.685.245.500.....Deoxycytidine
D13.570.685.245.500.250.....Bromodeoxycytidine

## 2018 MeSH Tree Hierarchy

Tree location
D13.570.685.245.500.425.....Capecitabine
D13.570.685.245.500.600.....Emtricitabine
D13.570.685.245.500.600.250.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D13.570.685.245.500.600.500.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D13.570.685.245.500.950.....Zalcitabine
D13.570.685.245.500.950.500.....Lamivudine
D13.570.685.350.....Formycins
D13.570.685.350.200.....Cofomycin
D13.570.685.350.200.700.....Pentostatin
D13.570.685.705.....Thymidine
D13.570.685.705.875.....Stavudine
D13.570.685.705.900.....Trifluridine
D13.570.685.705.950.....Zidovudine
D13.570.685.725.....Tunicamycin
D13.570.685.852.....Uridine
D13.570.685.852.150.....Arabinofuranosyluracil
D13.570.685.852.176.....Azauridine
D13.570.685.852.250.....3-Deazauridine
D13.570.685.852.300.....Deoxyuridine
D13.570.685.852.300.150.....Bromodeoxyuridine
D13.570.685.852.300.350.....Floxuridine
D13.570.685.852.300.400.....Idoxuridine
D13.570.685.852.628.....Pseudouridine
D13.570.685.852.800.....Tetrahydrouridine
D13.570.685.852.829.....Thiouridine
D13.570.800.....Ribonucleosides
D13.570.800.096.....Adenosine
D13.570.800.096.250.....Adenosine-5'-(N-ethylcarboxamide)
D13.570.800.096.262.....S-Adenosylhomocysteine
D13.570.800.096.264.....S-Adenosylmethionine
D13.570.800.096.300.....2-Chloroadenosine
D13.570.800.096.300.200.....Cladribine
D13.570.800.096.500.....Isopentenyladenosine
D13.570.800.096.630.....Phenylisopropyladenosine
D13.570.800.286.....Cytidine
D13.570.800.286.300.....Azacitidine
D13.570.800.330.....Dichlororibofuranosylbenzimidazole
D13.570.800.410.....Formycins
D13.570.800.410.200.....Cofomycin
D13.570.800.453.....Guanosine
D13.570.800.453.500.....Nucleoside Q

## 2018 MeSH Tree Hierarchy

Tree location
D13.570.800.573.....Inosine
D13.570.800.573.130.....Didanosine
D13.570.800.573.450.....Inosine Pranobex
D13.570.800.573.900.....Thioinosine
D13.570.800.573.900.500.....Methylthioinosine
D13.570.800.790.....Ribavirin
D13.570.800.810.....Showdomycin
D13.570.800.840.....Toyocamycin
D13.570.800.850.....Tubercidin
D13.570.800.892.....Uridine
D13.570.800.892.176.....Azauridine
D13.570.800.892.250.....3-Deazauridine
D13.570.800.892.628.....Pseudouridine
D13.570.800.892.800.....Tetrahydrouridine
D13.570.800.892.829.....Thiouridine
D13.570.900.....Thionucleosides
D13.570.900.111.....Azathioprine
D13.570.900.800.....Thioinosine
D13.570.900.800.500.....Methylthioinosine
D13.570.900.829.....Thiouridine
D13.695.....Nucleotides
D13.695.065.....Arabinonucleotides
D13.695.065.200.....Arabinofuranosylcytosine Triphosphate
D13.695.065.900.....Vidarabine Phosphate
D13.695.201.....Deoxyribonucleotides
D13.695.201.100.....Deoxyadenine Nucleotides
D13.695.201.150.....Deoxycytosine Nucleotides
D13.695.201.150.200.....Deoxycytidine Monophosphate
D13.695.201.175.....Deoxyguanine Nucleotides
D13.695.201.200.....Deoxyuracil Nucleotides
D13.695.201.200.270.....Fluorodeoxyuridylate
D13.695.201.486.....Nucleoside Diphosphate Sugars
D13.695.201.789.....Thymine Nucleotides
D13.695.201.789.788.....Thymidine Monophosphate
D13.695.225.....Dideoxynucleotides
D13.695.250.....Dinucleoside Phosphates
D13.695.462.....Nucleotides, Cyclic
D13.695.462.200.....Cyclic AMP
D13.695.462.200.225.....8-Bromo Cyclic Adenosine Monophosphate
D13.695.462.200.250.....Bucladesine
D13.695.462.250.....Cyclic CMP



## 2018 MeSH Tree Hierarchy

Tree location
D13.695.462.275.....Cyclic GMP
D13.695.462.275.325.....Dibutyl Cyclic GMP
D13.695.462.300.....Cyclic IMP
D13.695.578.....Polynucleotides
D13.695.578.424.....Oligonucleotides
D13.695.578.424.112.....Antagomirs
D13.695.578.424.224.....Aptamers, Nucleotide
D13.695.578.424.337.....Morpholinos
D13.695.578.424.450.....Oligodeoxyribonucleotides
D13.695.578.424.450.275.....DNA Primers
D13.695.578.424.480.....Oligonucleotides, Antisense
D13.695.578.424.480.640.....Oligodeoxyribonucleotides, Antisense
D13.695.578.424.480.645.....Oligoribonucleotides, Antisense
D13.695.578.424.500.....Oligoribonucleotides
D13.695.578.424.550.....Peptide Nucleic Acids
D13.695.578.424.575.....Phosphorothioate Oligonucleotides
D13.695.578.424.600.....Pyrimidine Dimers
D13.695.578.500.....Polydeoxyribonucleotides
D13.695.578.500.050.....Apurinic Acid
D13.695.578.500.300.....Poly dA-dT
D13.695.578.500.600.....Poly T
D13.695.578.550.....Polyribonucleotides
D13.695.578.550.050.....Apurinic Acid
D13.695.578.550.500.....Poly A
D13.695.578.550.500.510.....Poly A-U
D13.695.578.550.530.....Poly Adenosine Diphosphate Ribose
D13.695.578.550.560.....Poly C
D13.695.578.550.560.600.....Poly I-C
D13.695.578.550.600.....Poly G
D13.695.578.550.650.....Poly I
D13.695.578.550.650.600.....Poly I-C
D13.695.578.550.750.....Poly U
D13.695.578.550.750.510.....Poly A-U
D13.695.667.....Purine Nucleotides
D13.695.667.138.....Adenine Nucleotides
D13.695.667.138.124.....Adenosine Diphosphate
D13.695.667.138.124.070.....Adenosine Diphosphate Sugars
D13.695.667.138.124.070.075.....Adenosine Diphosphate Glucose
D13.695.667.138.124.070.125.....Adenosine Diphosphate Ribose
D13.695.667.138.124.070.125.040.....O-Acetyl-ADP-Ribose
D13.695.667.138.124.070.125.195.....Cyclic ADP-Ribose

## 2018 MeSH Tree Hierarchy

Tree location	
D13.695.667.138.180.....	Adenosine Monophosphate
D13.695.667.138.180.080.....	Adenosine Phosphosulfate
D13.695.667.138.236.....	Adenosine Triphosphate
D13.695.667.138.236.050.....	Adenylyl Imidodiphosphate
D13.695.667.138.236.250.....	Ethenoadenosine Triphosphate
D13.695.667.138.382.....	Coenzyme A
D13.695.667.138.382.300.....	Acyl Coenzyme A
D13.695.667.138.382.300.020.....	Acetyl Coenzyme A
D13.695.667.138.382.300.500.....	Malonyl Coenzyme A
D13.695.667.138.382.300.700.....	Palmitoyl Coenzyme A
D13.695.667.138.395.....	Cyclic AMP
D13.695.667.138.395.225.....	8-Bromo Cyclic Adenosine Monophosphate
D13.695.667.138.395.250.....	Bucladesine
D13.695.667.138.410.....	Deoxyadenine Nucleotides
D13.695.667.138.506.....	Flavin-Adenine Dinucleotide
D13.695.667.138.694.....	NAD
D13.695.667.138.749.....	NADP
D13.695.667.138.850.....	Phosphoadenosine Phosphosulfate
D13.695.667.138.925.....	Vidarabine Phosphate
D13.695.667.454.....	Guanine Nucleotides
D13.695.667.454.160.....	Cyclic GMP
D13.695.667.454.160.325.....	Dibutyryl Cyclic GMP
D13.695.667.454.200.....	Deoxyguanine Nucleotides
D13.695.667.454.340.....	Guanosine Diphosphate
D13.695.667.454.340.350.....	Guanosine Diphosphate Sugars
D13.695.667.454.340.350.400.....	Guanosine Diphosphate Fucose
D13.695.667.454.340.350.500.....	Guanosine Diphosphate Mannose
D13.695.667.454.440.....	Guanosine Pentaphosphate
D13.695.667.454.480.....	Guanosine Tetraphosphate
D13.695.667.454.504.....	Guanosine Triphosphate
D13.695.667.454.504.380.....	Guanosine 5'-O-(3-Thiotriphosphate)
D13.695.667.454.504.400.....	Guanylyl Imidodiphosphate
D13.695.667.454.525.....	Guanosine Monophosphate
D13.695.667.454.700.....	RNA Caps
D13.695.667.454.700.710.....	RNA Cap Analogs
D13.695.667.616.....	Inosine Nucleotides
D13.695.667.616.300.....	Cyclic IMP
D13.695.667.616.400.....	Inosine Diphosphate
D13.695.667.616.500.....	Inosine Monophosphate
D13.695.667.616.800.....	Inosine Triphosphate
D13.695.740.....	Pyrimidine Nucleotides

## 2018 MeSH Tree Hierarchy

Tree location
D13.695.740.050.....Apurinic Acid
D13.695.740.246.....Cytosine Nucleotides
D13.695.740.246.050.....Arabinofuranosylcytosine Triphosphate
D13.695.740.246.115.....Cyclic CMP
D13.695.740.246.150.....Cytidine Diphosphate
D13.695.740.246.150.180.....Cytidine Diphosphate Choline
D13.695.740.246.150.210.....Cytidine Diphosphate Diglycerides
D13.695.740.246.370.....Cytidine Monophosphate
D13.695.740.246.370.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D13.695.740.246.400.....Cytidine Triphosphate
D13.695.740.246.425.....Deoxycytosine Nucleotides
D13.695.740.246.425.300.....Deoxycytidine Monophosphate
D13.695.740.600.....Pyrimidine Dimers
D13.695.740.706.....Thymine Nucleotides
D13.695.740.706.788.....Thymidine Monophosphate
D13.695.740.850.....Uracil Nucleotides
D13.695.740.850.210.....Deoxyuracil Nucleotides
D13.695.740.850.210.200.....Fluorodeoxyuridylate
D13.695.740.850.600.....Uridine Diphosphate
D13.695.740.850.600.677.....Uridine Diphosphate Sugars
D13.695.740.850.600.677.100.....Uridine Diphosphate N-Acetylgalactosamine
D13.695.740.850.600.677.120.....Uridine Diphosphate N-Acetylglucosamine
D13.695.740.850.600.677.150.....Uridine Diphosphate N-Acetylmuramic Acid
D13.695.740.850.600.677.300.....Uridine Diphosphate Galactose
D13.695.740.850.600.677.350.....Uridine Diphosphate Glucose
D13.695.740.850.600.677.375.....Uridine Diphosphate Glucuronic Acid
D13.695.740.850.600.677.800.....Uridine Diphosphate Xylose
D13.695.740.850.877.....Uridine Monophosphate
D13.695.740.850.877.500.....Sofosbuvir
D13.695.740.850.950.....Uridine Triphosphate
D13.695.827.....Ribonucleotides
D13.695.827.068.....Adenine Nucleotides
D13.695.827.068.124.....Adenosine Diphosphate
D13.695.827.068.124.070.....Adenosine Diphosphate Sugars
D13.695.827.068.124.070.075.....Adenosine Diphosphate Glucose
D13.695.827.068.124.070.125.....Adenosine Diphosphate Ribose
D13.695.827.068.124.070.125.040.....O-Acetyl-ADP-Ribose
D13.695.827.068.124.070.125.195.....Cyclic ADP-Ribose
D13.695.827.068.180.....Adenosine Monophosphate
D13.695.827.068.180.080.....Adenosine Phosphosulfate
D13.695.827.068.236.....Adenosine Triphosphate

## 2018 MeSH Tree Hierarchy

Tree location
D13.695.827.068.236.050.....Adenylyl Imidodiphosphate
D13.695.827.068.236.250.....Ethenoadenosine Triphosphate
D13.695.827.068.382.....Coenzyme A
D13.695.827.068.382.300.....Acyl Coenzyme A
D13.695.827.068.382.300.020.....Acetyl Coenzyme A
D13.695.827.068.382.300.500.....Malonyl Coenzyme A
D13.695.827.068.382.300.700.....Palmitoyl Coenzyme A
D13.695.827.068.395.....Cyclic AMP
D13.695.827.068.395.225.....8-Bromo Cyclic Adenosine Monophosphate
D13.695.827.068.395.250.....Bucladesine
D13.695.827.068.506.....Flavin-Adenine Dinucleotide
D13.695.827.068.694.....NAD
D13.695.827.068.749.....NADP
D13.695.827.068.850.....Phosphoadenosine Phosphosulfate
D13.695.827.232.....Cytosine Nucleotides
D13.695.827.232.115.....Cyclic CMP
D13.695.827.232.150.....Cytidine Diphosphate
D13.695.827.232.150.180.....Cytidine Diphosphate Choline
D13.695.827.232.150.210.....Cytidine Diphosphate Diglycerides
D13.695.827.232.370.....Cytidine Monophosphate
D13.695.827.232.370.250.....Cytidine Monophosphate N-Acetylneuraminic Acid
D13.695.827.232.400.....Cytidine Triphosphate
D13.695.827.349.....Flavin Mononucleotide
D13.695.827.426.....Guanine Nucleotides
D13.695.827.426.160.....Cyclic GMP
D13.695.827.426.160.325.....Dibutyl Cyclic GMP
D13.695.827.426.340.....Guanosine Diphosphate
D13.695.827.426.340.350.....Guanosine Diphosphate Sugars
D13.695.827.426.340.350.400.....Guanosine Diphosphate Fucose
D13.695.827.426.340.350.500.....Guanosine Diphosphate Mannose
D13.695.827.426.440.....Guanosine Pentaphosphate
D13.695.827.426.480.....Guanosine Tetraphosphate
D13.695.827.426.504.....Guanosine Triphosphate
D13.695.827.426.504.380.....Guanosine 5'-O-(3-Thiotriphosphate)
D13.695.827.426.504.400.....Guanylyl Imidodiphosphate
D13.695.827.426.525.....Guanosine Monophosphate
D13.695.827.426.700.....RNA Caps
D13.695.827.426.700.710.....RNA Cap Analogs
D13.695.827.519.....Inosine Nucleotides
D13.695.827.519.300.....Cyclic IMP
D13.695.827.519.400.....Inosine Diphosphate

## 2018 MeSH Tree Hierarchy

Tree location
D13.695.827.519.500.....Inosine Monophosphate
D13.695.827.519.800.....Inosine Triphosphate
D13.695.827.648.....Nicotinamide Mononucleotide
D13.695.827.708.....Nucleoside Diphosphate Sugars
D13.695.827.708.070.....Adenosine Diphosphate Sugars
D13.695.827.708.070.075.....Adenosine Diphosphate Glucose
D13.695.827.708.070.125.....Adenosine Diphosphate Ribose
D13.695.827.708.070.125.040.....O-Acetyl-ADP-Ribose
D13.695.827.708.070.125.195.....Cyclic ADP-Ribose
D13.695.827.708.070.125.600.....Poly Adenosine Diphosphate Ribose
D13.695.827.708.260.....Cytidine Diphosphate Diglycerides
D13.695.827.708.400.....Guanosine Diphosphate Sugars
D13.695.827.708.400.410.....Guanosine Diphosphate Fucose
D13.695.827.708.400.500.....Guanosine Diphosphate Mannose
D13.695.827.708.727.....Uridine Diphosphate Sugars
D13.695.827.708.727.100.....Uridine Diphosphate N-Acetylgalactosamine
D13.695.827.708.727.120.....Uridine Diphosphate N-Acetylglucosamine
D13.695.827.708.727.150.....Uridine Diphosphate N-Acetylmuramic Acid
D13.695.827.708.727.300.....Uridine Diphosphate Galactose
D13.695.827.708.727.350.....Uridine Diphosphate Glucose
D13.695.827.708.727.375.....Uridine Diphosphate Glucuronic Acid
D13.695.827.708.727.800.....Uridine Diphosphate Xylose
D13.695.827.919.....Uracil Nucleotides
D13.695.827.919.600.....Uridine Diphosphate
D13.695.827.919.600.677.....Uridine Diphosphate Sugars
D13.695.827.919.600.677.100.....Uridine Diphosphate N-Acetylgalactosamine
D13.695.827.919.600.677.120.....Uridine Diphosphate N-Acetylglucosamine
D13.695.827.919.600.677.150.....Uridine Diphosphate N-Acetylmuramic Acid
D13.695.827.919.600.677.300.....Uridine Diphosphate Galactose
D13.695.827.919.600.677.350.....Uridine Diphosphate Glucose
D13.695.827.919.600.677.375.....Uridine Diphosphate Glucuronic Acid
D13.695.827.919.600.677.800.....Uridine Diphosphate Xylose
D13.695.827.919.877.....Uridine Monophosphate
D13.695.827.919.877.500.....Sofosbuvir
D13.695.827.919.950.....Uridine Triphosphate
D13.695.900.....Thionucleotides
D13.695.900.380.....Guanosine 5'-O-(3-Thiotriphosphate)
D20.....Complex Mixtures
D20.050.....Acid Rain
D20.080.....Ambergris
D20.147.....Biofuels

## 2018 MeSH Tree Hierarchy

Tree location
D20.215.....Biological Products
D20.215.113.....Biological Control Agents
D20.215.226.....Biological Warfare Agents
D20.215.261.....Biosimilar Pharmaceuticals
D20.215.401.....Immune Sera
D20.215.401.203.....Antilymphocyte Serum
D20.215.401.601.....Antitoxins
D20.215.401.601.163.....Antivenins
D20.215.401.601.276.....Botulinum Antitoxin
D20.215.401.601.388.....Diphtheria Antitoxin
D20.215.401.601.824.....Tetanus Antitoxin
D20.215.535.....Menotropins
D20.215.659.....Picibanil
D20.215.721.....Plant Exudates
D20.215.721.061.....Gutta-Percha
D20.215.721.124.....Latex
D20.215.721.249.....Plant Gums
D20.215.721.249.249.....Chewing Gum
D20.215.721.249.500.....Gum Arabic
D20.215.721.249.625.....Karaya Gum
D20.215.721.249.750.....Tragacanth
D20.215.721.500.....Resins, Plant
D20.215.721.500.109.....Amber
D20.215.721.500.219.....Balsams
D20.215.721.500.354.....Frankincense
D20.215.721.500.490.....Guaiaic
D20.215.721.500.626.....Mastic Resin
D20.215.721.500.762.....Propolis
D20.215.721.500.881.....Turpentine
D20.215.780.....Plant Nectar
D20.215.784.....Plant Preparations
D20.215.784.249.....Coffee
D20.215.784.500.....Plant Extracts
D20.215.784.500.087.....Flower Essences
D20.215.784.500.175.....Cascara
D20.215.784.500.200.....Curare
D20.215.784.500.350.....Drugs, Chinese Herbal
D20.215.784.500.400.....Grape Seed Extract
D20.215.784.500.450.....Ipecac
D20.215.784.500.492.....Lecithins
D20.215.784.500.534.....Opium

## 2018 MeSH Tree Hierarchy

Tree location
D20.215.784.500.618.....Pectins
D20.215.784.500.675.....Podophyllin
D20.215.784.500.720.....Psyllium
D20.215.784.500.860.....Senna Extract
D20.215.784.750.....Plant Oils
D20.215.784.750.066.....Canola Oil
D20.215.784.750.132.....Castor Oil
D20.215.784.750.186.....Clove Oil
D20.215.784.750.240.....Corn Oil
D20.215.784.750.263.....Cottonseed Oil
D20.215.784.750.315.....Croton Oil
D20.215.784.750.550.....Iodized Oil
D20.215.784.750.550.300.....Ethiodized Oil
D20.215.784.750.615.....Linseed Oil
D20.215.784.750.728.....Palm Oil
D20.215.784.750.784.....Rice Bran Oil
D20.215.784.750.840.....Safflower Oil
D20.215.784.750.865.....Sesame Oil
D20.215.784.750.880.....Soybean Oil
D20.215.784.750.910.....Sunflower Oil
D20.215.784.750.940.....Tea Tree Oil
D20.215.784.844.....Tea
D20.215.784.844.500.....Kombucha Tea
D20.215.784.937.....Teas, Herbal
D20.215.894.....Vaccines
D20.215.894.067.....Alzheimer Vaccines
D20.215.894.135.....Bacterial Vaccines
D20.215.894.135.063.....Anthrax Vaccines
D20.215.894.135.098.....Autovaccines
D20.215.894.135.134.....Brucella Vaccine
D20.215.894.135.225.....Cholera Vaccines
D20.215.894.135.310.....Diphtheria-Tetanus Vaccine
D20.215.894.135.390.....Escherichia coli Vaccines
D20.215.894.135.450.....Haemophilus Vaccines
D20.215.894.135.492.....Lyme Disease Vaccines
D20.215.894.135.500.....Meningococcal Vaccines
D20.215.894.135.535.....Pertussis Vaccine
D20.215.894.135.535.295.....Diphtheria-Tetanus-acellular Pertussis Vaccines
D20.215.894.135.535.300.....Diphtheria-Tetanus-Pertussis Vaccine
D20.215.894.135.609.....Plague Vaccine
D20.215.894.135.620.....Pseudomonas Vaccines

## 2018 MeSH Tree Hierarchy

Tree location
D20.215.894.135.650.....Rickettsial Vaccines
D20.215.894.135.685.....Salmonella Vaccines
D20.215.894.135.685.910.....Typhoid-Paratyphoid Vaccines
D20.215.894.135.720.....Shigella Vaccines
D20.215.894.135.744.....Staphylococcal Vaccines
D20.215.894.135.750.....Streptococcal Vaccines
D20.215.894.135.750.600.....Pneumococcal Vaccines
D20.215.894.135.750.600.500.....Heptavalent Pneumococcal Conjugate Vaccine
D20.215.894.135.825.....Tuberculosis Vaccines
D20.215.894.135.825.100.....BCG Vaccine
D20.215.894.200.....Cancer Vaccines
D20.215.894.354.....Fungal Vaccines
D20.215.894.582.....Protozoan Vaccines
D20.215.894.582.480.....Leishmaniasis Vaccines
D20.215.894.582.500.....Malaria Vaccines
D20.215.894.691.....Toxoids
D20.215.894.691.263.....Diphtheria Toxoid
D20.215.894.691.263.290.....Diphtheria-Tetanus-acellular Pertussis Vaccines
D20.215.894.691.263.300.....Diphtheria-Tetanus-Pertussis Vaccine
D20.215.894.691.263.310.....Diphtheria-Tetanus Vaccine
D20.215.894.691.681.....Staphylococcal Toxoid
D20.215.894.691.824.....Tetanus Toxoid
D20.215.894.691.824.290.....Diphtheria-Tetanus-acellular Pertussis Vaccines
D20.215.894.691.824.300.....Diphtheria-Tetanus-Pertussis Vaccine
D20.215.894.691.824.310.....Diphtheria-Tetanus Vaccine
D20.215.894.811.....Vaccines, Attenuated
D20.215.894.815.....Vaccines, Combined
D20.215.894.815.149.....Diphtheria-Tetanus-acellular Pertussis Vaccines
D20.215.894.815.300.....Diphtheria-Tetanus-Pertussis Vaccine
D20.215.894.815.320.....Diphtheria-Tetanus Vaccine
D20.215.894.815.500.....Measles-Mumps-Rubella Vaccine
D20.215.894.818.....Vaccines, Contraceptive
D20.215.894.830.....Vaccines, Inactivated
D20.215.894.830.614.....Poliovirus Vaccine, Inactivated
D20.215.894.845.....Vaccines, Marker
D20.215.894.860.....Vaccines, Subunit
D20.215.894.860.449.....ISCOMs
D20.215.894.860.900.....Vaccines, Acellular
D20.215.894.860.900.267.....Diphtheria-Tetanus-acellular Pertussis Vaccines
D20.215.894.860.915.....Vaccines, Edible
D20.215.894.865.....Vaccines, Synthetic



## 2018 MeSH Tree Hierarchy

Tree location
D20.215.894.865.900.....Vaccines, Conjugate
D20.215.894.865.910.....Vaccines, DNA
D20.215.894.865.915.....Vaccines, Edible
D20.215.894.865.940.....Vaccines, Virosome
D20.215.894.865.955.....Vaccines, Virus-Like Particle
D20.215.894.882.....Vaccines, Live, Unattenuated
D20.215.894.899.....Viral Vaccines
D20.215.894.899.024.....Adenovirus Vaccines
D20.215.894.899.050.....AIDS Vaccines
D20.215.894.899.120.....Cytomegalovirus Vaccines
D20.215.894.899.162.....Dengue Vaccines
D20.215.894.899.205.....Ebola Vaccines
D20.215.894.899.290.....Herpesvirus Vaccines
D20.215.894.899.290.130.....Chickenpox Vaccine
D20.215.894.899.290.130.400.....Herpes Zoster Vaccine
D20.215.894.899.290.400.....Herpes Simplex Virus Vaccines
D20.215.894.899.290.500.....Marek Disease Vaccines
D20.215.894.899.302.....Influenza Vaccines
D20.215.894.899.320.....Japanese Encephalitis Vaccines
D20.215.894.899.404.....Measles Vaccine
D20.215.894.899.404.500.....Measles-Mumps-Rubella Vaccine
D20.215.894.899.488.....Mumps Vaccine
D20.215.894.899.488.500.....Measles-Mumps-Rubella Vaccine
D20.215.894.899.498.....Papillomavirus Vaccines
D20.215.894.899.498.500.....Human Papillomavirus Recombinant Vaccine Quadrivalent, Types 6, 11, 16, 18
D20.215.894.899.500.....Parainfluenza Vaccines
D20.215.894.899.623.....Poliovirus Vaccines
D20.215.894.899.623.500.....Poliovirus Vaccine, Inactivated
D20.215.894.899.623.750.....Poliovirus Vaccine, Oral
D20.215.894.899.632.....Pseudorabies Vaccines
D20.215.894.899.700.....Rabies Vaccines
D20.215.894.899.730.....Respiratory Syncytial Virus Vaccines
D20.215.894.899.760.....Rotavirus Vaccines
D20.215.894.899.779.....Rubella Vaccine
D20.215.894.899.779.500.....Measles-Mumps-Rubella Vaccine
D20.215.894.899.790.....SAIDS Vaccines
D20.215.894.899.859.....Smallpox Vaccine
D20.215.894.899.955.....Viral Hepatitis Vaccines
D20.215.894.899.955.395.....Hepatitis A Vaccines
D20.215.894.899.955.400.....Hepatitis B Vaccines
D20.215.894.899.962.....West Nile Virus Vaccines

## 2018 MeSH Tree Hierarchy

Tree location
D20.215.894.899.970.....Yellow Fever Vaccine
D20.280.....Colloids
D20.280.055.....Aerosols
D20.280.055.500.....Nasal Sprays
D20.280.055.750.....Oral Sprays
D20.280.260.....Emulsions
D20.280.320.....Gels
D20.280.320.375.....Hydrogels
D20.280.320.375.500.....Cryogels
D20.280.320.687.....Silica Gel
D20.280.810.....Suspensions
D20.345.....Fossil Fuels
D20.345.108.....Coal
D20.345.108.110.....Coke
D20.345.369.....Natural Gas
D20.345.630.....Petroleum
D20.345.630.500.....Fuel Oils
D20.345.630.540.....Gasoline
D20.345.630.600.....Kerosene
D20.475.....Freund's Adjuvant
D20.538.....Lignin
D20.601.....Manure
D20.633.....Particulate Matter
D20.633.110.....Coal Ash
D20.633.222.....Dust
D20.633.222.200.....Cosmic Dust
D20.633.875.....Smog
D20.633.937.....Smoke
D20.633.937.339.....Soot
D20.633.937.680.....Tobacco Smoke Pollution
D20.693.....Radioactive Pollutants
D20.693.101.....Air Pollutants, Radioactive
D20.693.555.....Radioactive Fallout
D20.693.638.....Radioactive Waste
D20.693.756.....Soil Pollutants, Radioactive
D20.693.903.....Water Pollutants, Radioactive
D20.721.....Soil
D20.721.500.....Humic Substances
D20.749.....Tars
D20.749.354.....Coal Tar
D20.749.850.....Tar-Water

## 2018 MeSH Tree Hierarchy

Tree location
D20.777.....Tissue Extracts
D20.777.050.....Actihaemyl
D20.777.162.....Cell Extracts
D20.777.351.....Liver Extracts
D20.777.500.....Pancreatic Extracts
D20.777.500.720.....Pancreatin
D20.777.500.745.....Pancrelipase
D20.777.608.....Placental Extracts
D20.777.871.....Thymus Extracts
D20.832.....Vehicle Emissions
D20.888.....Venoms
D20.888.033.....Amphibian Venoms
D20.888.033.112.....Batrachotoxins
D20.888.033.137.....Bombesin
D20.888.033.163.....Bufotenin
D20.888.033.728.....Physalaemin
D20.888.065.....Arthropod Venoms
D20.888.065.055.....Ant Venoms
D20.888.065.115.....Bee Venoms
D20.888.065.115.060.....Apamin
D20.888.065.115.580.....Melitten
D20.888.065.830.....Scorpion Venoms
D20.888.065.830.150.....Charybdotoxin
D20.888.065.870.....Spider Venoms
D20.888.065.870.324.....Agatoxins
D20.888.065.870.324.500.....omega-Agatoxin IVA
D20.888.065.970.....Wasp Venoms
D20.888.230.....Cnidarian Venoms
D20.888.370.....Fish Venoms
D20.888.590.....Mollusk Venoms
D20.888.590.162.....Conotoxins
D20.888.590.162.720.....omega-Conotoxins
D20.888.590.162.720.700.....omega-Conotoxin GVIA
D20.888.590.325.....Eledoisin
D20.888.850.....Snake Venoms
D20.888.850.325.....Elapid Venoms
D20.888.850.325.139.....Bungarotoxins
D20.888.850.325.180.....Cobra Cardiotoxin Proteins
D20.888.850.325.200.....Cobra Neurotoxin Proteins
D20.888.850.960.....Viper Venoms
D20.888.850.960.200.....Crotalid Venoms

## 2018 MeSH Tree Hierarchy

Tree location
D20.888.850.960.200.050.....Ancrod
D20.888.850.960.200.105.....Batroxobin
D20.888.850.960.200.210.....Crotoxin
D20.944.....Waste Products
D20.944.380.....Hazardous Waste
D20.944.380.638.....Radioactive Waste
D20.944.420.....Industrial Waste
D20.944.460.....Medical Waste
D20.944.460.150.....Dental Waste
D20.944.460.300.....Medical Waste Disposal
D20.944.730.....Solid Waste
D20.944.932.....Waste Water
D20.944.932.500.....Sewage
D23.....Biological Factors
D23.035.....Alarmins
D23.050.....Antigens
D23.050.063.....Allergens
D23.050.101.....Antigen-Antibody Complex
D23.050.140.....Antigens, Archaean
D23.050.161.....Antigens, Bacterial
D23.050.161.050.....Adhesins, Bacterial
D23.050.161.050.040.....Adhesins, Escherichia coli
D23.050.161.386.....Lepromin
D23.050.161.616.....Polysaccharides, Bacterial
D23.050.161.616.525.....Lipopolysaccharides
D23.050.161.616.525.500.....Lipid A
D23.050.161.616.525.600.....O Antigens
D23.050.161.616.594.....Peptidoglycan
D23.050.161.616.797.....Teichoic Acids
D23.050.161.821.....Staphylococcal Protein A
D23.050.161.845.....Tuberculin
D23.050.181.....Antigens, Dermatophagoides
D23.050.202.....Antigens, Fungal
D23.050.202.180.....Coccidioidin
D23.050.202.283.....Fungal Polysaccharides
D23.050.202.386.....Histoplasmin
D23.050.202.800.....Trichophytin
D23.050.223.....Antigens, Helminth
D23.050.244.....Antigens, Heterophile
D23.050.244.436.....Forssman Antigen
D23.050.285.....Antigens, Neoplasm

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.285.018.....CD24 Antigen
D23.050.285.022.....CD52 Antigen
D23.050.285.025.....Ki-1 Antigen
D23.050.285.040.....Basigin
D23.050.285.050.....Antigens, Tumor-Associated, Carbohydrate
D23.050.285.050.050.....Lewis X Antigen
D23.050.285.050.119.....CA-19-9 Antigen
D23.050.285.050.225.....CA-125 Antigen
D23.050.285.050.300.....Mucin-1
D23.050.285.062.....Antigens, Viral, Tumor
D23.050.285.062.045.....Adenovirus E1A Proteins
D23.050.285.062.050.....Adenovirus E1B Proteins
D23.050.285.062.090.....Antigens, Polyomavirus Transforming
D23.050.285.196.....Carbonic Anhydrase IX
D23.050.285.329.....Carcinoembryonic Antigen
D23.050.285.357.....Epithelial Cell Adhesion Molecule
D23.050.285.384.....Folate Receptor 1
D23.050.285.439.....Melanoma-Specific Antigens
D23.050.285.439.249.....CD146 Antigen
D23.050.285.439.500.....gp100 Melanoma Antigen
D23.050.285.439.750.....MART-1 Antigen
D23.050.285.550.....Neprilysin
D23.050.285.625.....Prostate-Specific Antigen
D23.050.285.733.....Pancreatitis-Associated Proteins
D23.050.285.840.....Tissue Polypeptide Antigen
D23.050.290.....Antigens, Nuclear
D23.050.290.249.....Epstein-Barr Virus Nuclear Antigens
D23.050.290.500.....Ki-67 Antigen
D23.050.290.625.....Ku Autoantigen
D23.050.290.750.....Proliferating Cell Nuclear Antigen
D23.050.290.875.....snRNP Core Proteins
D23.050.291.....Antigens, Plant
D23.050.293.....Antigens, Protozoan
D23.050.293.500.....Merozoite Surface Protein 1
D23.050.293.900.....Variant Surface Glycoproteins, Trypanosoma
D23.050.301.....Antigens, Surface
D23.050.301.264.....Antigens, Differentiation
D23.050.301.264.035.....Antigens, CD
D23.050.301.264.035.100.....Antigens, CD1
D23.050.301.264.035.100.500.....Antigens, CD1d
D23.050.301.264.035.107.....Antigens, CD7

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.301.264.035.119.....Antigens, CD19
D23.050.301.264.035.120.....Antigens, CD20
D23.050.301.264.035.134.....Antigens, CD34
D23.050.301.264.051.....Antigens, Differentiation, B-Lymphocyte
D23.050.301.264.051.101.....CD5 Antigens
D23.050.301.264.051.119.....Antigens, CD19
D23.050.301.264.051.120.....Antigens, CD20
D23.050.301.264.051.140.....CD40 Antigens
D23.050.301.264.894.....Antigens, Differentiation, T-Lymphocyte
D23.050.301.264.894.080.....Antigens, CD1
D23.050.301.264.894.080.500.....Antigens, CD1d
D23.050.301.264.894.090.....CD2 Antigens
D23.050.301.264.894.095.....CD3 Complex
D23.050.301.264.894.095.800.....Receptor-CD3 Complex, Antigen, T-Cell
D23.050.301.264.894.100.....CD4 Antigens
D23.050.301.264.894.101.....CD5 Antigens
D23.050.301.264.894.107.....Antigens, CD7
D23.050.301.264.894.108.....CD8 Antigens
D23.050.301.264.894.113.....CD13 Antigens
D23.050.301.264.894.118.....CD18 Antigens
D23.050.301.264.894.123.....Thy-1 Antigens
D23.050.301.264.894.127.....Tumor Necrosis Factor Receptor Superfamily, Member 7
D23.050.301.264.894.128.....CD28 Antigens
D23.050.301.264.894.156.....CD56 Antigen
D23.050.301.264.894.157.....CD57 Antigens
D23.050.301.264.894.158.....CTLA-4 Antigen
D23.050.301.264.894.160.....Dipeptidyl Peptidase 4
D23.050.301.264.894.580.....Inducible T-Cell Co-Stimulator Protein
D23.050.301.264.894.790.....Programmed Cell Death 1 Receptor
D23.050.301.264.900.....Antigens, Differentiation, Myelomonocytic
D23.050.301.264.900.045.....Lipopolysaccharide Receptors
D23.050.301.264.900.050.....Lewis X Antigen
D23.050.301.264.900.131.....Platelet Endothelial Cell Adhesion Molecule-1
D23.050.301.264.900.565.....Sialic Acid Binding Ig-like Lectin 3
D23.050.301.264.920.....Antigens, Ly
D23.050.301.264.920.500.....NK Cell Lectin-Like Receptor Subfamily A
D23.050.301.264.965.....Stage-Specific Embryonic Antigens
D23.050.301.264.965.500.....Lewis X Antigen
D23.050.301.280.....Arrestin
D23.050.301.285.....B7 Antigens
D23.050.301.285.100.....B7-1 Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.301.285.200.....B7-2 Antigen
D23.050.301.285.400.....B7-H1 Antigen
D23.050.301.285.500.....Inducible T-Cell Co-Stimulator Ligand
D23.050.301.285.800.....Programmed Cell Death 1 Ligand 2 Protein
D23.050.301.285.900.....V-Set Domain-Containing T-Cell Activation Inhibitor 1
D23.050.301.290.....Blood Group Antigens
D23.050.301.290.031.....ABO Blood-Group System
D23.050.301.290.301.....Duffy Blood-Group System
D23.050.301.290.501.....I Blood-Group System
D23.050.301.290.533.....Kell Blood-Group System
D23.050.301.290.538.....Kidd Blood-Group System
D23.050.301.290.544.....Lewis Blood-Group System
D23.050.301.290.544.059.....Lewis X Antigen
D23.050.301.290.544.119.....CA-19-9 Antigen
D23.050.301.290.552.....Lutheran Blood-Group System
D23.050.301.290.606.....MNSs Blood-Group System
D23.050.301.290.691.....P Blood-Group System
D23.050.301.290.775.....Rh-Hr Blood-Group System
D23.050.301.350.....Cell Adhesion Molecules
D23.050.301.350.049.....12E7 Antigen
D23.050.301.350.074.....CD11 Antigens
D23.050.301.350.074.024.....CD11a Antigen
D23.050.301.350.074.049.....CD11b Antigen
D23.050.301.350.074.074.....CD11c Antigen
D23.050.301.350.074.400.....Lymphocyte Function-Associated Antigen-1
D23.050.301.350.098.....CD24 Antigen
D23.050.301.350.115.....Cell Adhesion Molecule-1
D23.050.301.350.123.....Nectins
D23.050.301.350.131.....Platelet Endothelial Cell Adhesion Molecule-1
D23.050.301.350.150.....CD146 Antigen
D23.050.301.350.154.....Endolyn
D23.050.301.350.200.....Cadherins
D23.050.301.350.200.500.....Desmosomal Cadherins
D23.050.301.350.200.500.249.....Desmocollins
D23.050.301.350.200.500.500.....Desmogleins
D23.050.301.350.200.500.500.500.....Desmoglein 1
D23.050.301.350.200.500.500.625.....Desmoglein 2
D23.050.301.350.200.500.500.750.....Desmoglein 3
D23.050.301.350.210.....Carcinoembryonic Antigen
D23.050.301.350.230.....CD4 Immunoadhesins
D23.050.301.350.250.....Cell Adhesion Molecules, Neuronal

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.301.350.250.150.....Cell Adhesion Molecules, Neuron-Glia
D23.050.301.350.250.150.050.....Activated-Leukocyte Cell Adhesion Molecule
D23.050.301.350.250.325.....Contactins
D23.050.301.350.250.325.100.....Contactin 1
D23.050.301.350.250.325.200.....Contactin 2
D23.050.301.350.250.500.....Myelin P0 Protein
D23.050.301.350.250.520.....Neural Cell Adhesion Molecules
D23.050.301.350.250.520.156.....CD56 Antigen
D23.050.301.350.250.520.578.....Neural Cell Adhesion Molecule L1
D23.050.301.350.250.520.789.....Neurocan
D23.050.301.350.263.....Epithelial Cell Adhesion Molecule
D23.050.301.350.275.....Integrin alphaXbeta2
D23.050.301.350.275.500.....CD11c Antigen
D23.050.301.350.275.750.....CD18 Antigens
D23.050.301.350.450.....Intercellular Adhesion Molecule-1
D23.050.301.350.494.....Intercellular Adhesion Molecule-3
D23.050.301.350.537.....Junctional Adhesion Molecules
D23.050.301.350.537.500.....Coxsackie and Adenovirus Receptor-Like Membrane Protein
D23.050.301.350.537.750.....Junctional Adhesion Molecule A
D23.050.301.350.537.875.....Junctional Adhesion Molecule B
D23.050.301.350.537.937.....Junctional Adhesion Molecule C
D23.050.301.350.625.....Receptors, Lymphocyte Homing
D23.050.301.350.625.144.....Hyaluronan Receptors
D23.050.301.350.625.347.....Integrin alpha4beta1
D23.050.301.350.625.550.....Lymphocyte Function-Associated Antigen-1
D23.050.301.350.625.903.....L-Selectin
D23.050.301.350.700.....Selectins
D23.050.301.350.700.300.....E-Selectin
D23.050.301.350.700.510.....L-Selectin
D23.050.301.350.700.775.....P-Selectin
D23.050.301.350.720.....Sialic Acid Binding Ig-like Lectin 2
D23.050.301.350.920.....Vascular Cell Adhesion Molecule-1
D23.050.301.500.....Histocompatibility Antigens
D23.050.301.500.100.....Histocompatibility Antigens Class I
D23.050.301.500.100.350.....H-2 Antigens
D23.050.301.500.100.363.....Hemochromatosis Protein
D23.050.301.500.100.375.....Histocompatibility Antigen H-2D
D23.050.301.500.100.400.....HLA-A Antigens
D23.050.301.500.100.400.010.....HLA-A1 Antigen
D23.050.301.500.100.400.020.....HLA-A2 Antigen
D23.050.301.500.100.400.030.....HLA-A3 Antigen



## 2018 MeSH Tree Hierarchy

Tree location	
D23.050.301.500.100.400.110.....	HLA-A11 Antigen
D23.050.301.500.100.400.240.....	HLA-A24 Antigen
D23.050.301.500.100.500.....	HLA-B Antigens
D23.050.301.500.100.500.070.....	HLA-B7 Antigen
D23.050.301.500.100.500.080.....	HLA-B8 Antigen
D23.050.301.500.100.500.130.....	HLA-B13 Antigen
D23.050.301.500.100.500.140.....	HLA-B14 Antigen
D23.050.301.500.100.500.150.....	HLA-B15 Antigen
D23.050.301.500.100.500.180.....	HLA-B18 Antigen
D23.050.301.500.100.500.270.....	HLA-B27 Antigen
D23.050.301.500.100.500.350.....	HLA-B35 Antigen
D23.050.301.500.100.500.370.....	HLA-B37 Antigen
D23.050.301.500.100.500.380.....	HLA-B38 Antigen
D23.050.301.500.100.500.390.....	HLA-B39 Antigen
D23.050.301.500.100.500.400.....	HLA-B40 Antigen
D23.050.301.500.100.500.440.....	HLA-B44 Antigen
D23.050.301.500.100.500.510.....	HLA-B51 Antigen
D23.050.301.500.100.500.520.....	HLA-B52 Antigen
D23.050.301.500.100.600.....	HLA-C Antigens
D23.050.301.500.100.700.....	HLA-G Antigens
D23.050.301.500.400.....	Histocompatibility Antigens Class II
D23.050.301.500.400.199.....	H-2 Antigens
D23.050.301.500.400.400.....	HLA-D Antigens
D23.050.301.500.400.400.420.....	HLA-DP Antigens
D23.050.301.500.400.400.420.500.....	HLA-DP alpha-Chains
D23.050.301.500.400.400.420.750.....	HLA-DP beta-Chains
D23.050.301.500.400.400.430.....	HLA-DQ Antigens
D23.050.301.500.400.400.430.500.....	HLA-DQ alpha-Chains
D23.050.301.500.400.400.430.750.....	HLA-DQ beta-Chains
D23.050.301.500.400.400.440.....	HLA-DR Antigens
D23.050.301.500.400.400.440.100.....	HLA-DR alpha-Chains
D23.050.301.500.400.400.440.200.....	HLA-DR beta-Chains
D23.050.301.500.400.400.440.200.010.....	HLA-DRB1 Chains
D23.050.301.500.400.400.440.200.030.....	HLA-DRB3 Chains
D23.050.301.500.400.400.440.200.040.....	HLA-DRB4 Chains
D23.050.301.500.400.400.440.200.050.....	HLA-DRB5 Chains
D23.050.301.500.400.400.440.400.....	HLA-DR Serological Subtypes
D23.050.301.500.400.400.440.400.010.....	HLA-DR1 Antigen
D23.050.301.500.400.400.440.400.020.....	HLA-DR2 Antigen
D23.050.301.500.400.400.440.400.030.....	HLA-DR3 Antigen
D23.050.301.500.400.400.440.400.040.....	HLA-DR4 Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.301.500.400.400.440.400.050.....HLA-DR5 Antigen
D23.050.301.500.400.400.440.400.060.....HLA-DR6 Antigen
D23.050.301.500.400.400.440.400.070.....HLA-DR7 Antigen
D23.050.301.500.450.....HLA Antigens
D23.050.301.500.450.370.....HLA-A Antigens
D23.050.301.500.450.370.010.....HLA-A1 Antigen
D23.050.301.500.450.370.020.....HLA-A2 Antigen
D23.050.301.500.450.370.030.....HLA-A3 Antigen
D23.050.301.500.450.370.110.....HLA-A11 Antigen
D23.050.301.500.450.370.240.....HLA-A24 Antigen
D23.050.301.500.450.380.....HLA-B Antigens
D23.050.301.500.450.380.070.....HLA-B7 Antigen
D23.050.301.500.450.380.080.....HLA-B8 Antigen
D23.050.301.500.450.380.130.....HLA-B13 Antigen
D23.050.301.500.450.380.140.....HLA-B14 Antigen
D23.050.301.500.450.380.150.....HLA-B15 Antigen
D23.050.301.500.450.380.180.....HLA-B18 Antigen
D23.050.301.500.450.380.270.....HLA-B27 Antigen
D23.050.301.500.450.380.350.....HLA-B35 Antigen
D23.050.301.500.450.380.370.....HLA-B37 Antigen
D23.050.301.500.450.380.380.....HLA-B38 Antigen
D23.050.301.500.450.380.390.....HLA-B39 Antigen
D23.050.301.500.450.380.400.....HLA-B40 Antigen
D23.050.301.500.450.380.440.....HLA-B44 Antigen
D23.050.301.500.450.380.510.....HLA-B51 Antigen
D23.050.301.500.450.380.520.....HLA-B52 Antigen
D23.050.301.500.450.390.....HLA-C Antigens
D23.050.301.500.450.400.....HLA-D Antigens
D23.050.301.500.450.400.420.....HLA-DP Antigens
D23.050.301.500.450.400.420.500.....HLA-DP alpha-Chains
D23.050.301.500.450.400.420.750.....HLA-DP beta-Chains
D23.050.301.500.450.400.430.....HLA-DQ Antigens
D23.050.301.500.450.400.430.500.....HLA-DQ alpha-Chains
D23.050.301.500.450.400.430.750.....HLA-DQ beta-Chains
D23.050.301.500.450.400.440.....HLA-DR Antigens
D23.050.301.500.450.400.440.222.....HLA-DR alpha-Chains
D23.050.301.500.450.400.440.333.....HLA-DR beta-Chains
D23.050.301.500.450.400.440.333.500.....HLA-DRB1 Chains
D23.050.301.500.450.400.440.333.750.....HLA-DRB3 Chains
D23.050.301.500.450.400.440.333.875.....HLA-DRB4 Chains
D23.050.301.500.450.400.440.333.937.....HLA-DRB5 Chains

## 2018 MeSH Tree Hierarchy

Tree location	
D23.050.301.500.450.400.440.389.....	HLA-DR Serological Subtypes
D23.050.301.500.450.400.440.389.500.....	HLA-DR1 Antigen
D23.050.301.500.450.400.440.389.750.....	HLA-DR2 Antigen
D23.050.301.500.450.400.440.389.875.....	HLA-DR3 Antigen
D23.050.301.500.450.400.440.389.937.....	HLA-DR4 Antigen
D23.050.301.500.450.400.440.389.968.....	HLA-DR5 Antigen
D23.050.301.500.450.400.440.389.984.....	HLA-DR6 Antigen
D23.050.301.500.450.400.440.389.992.....	HLA-DR7 Antigen
D23.050.301.500.450.700.....	HLA-G Antigens
D23.050.301.500.600.....	Minor Histocompatibility Antigens
D23.050.301.500.600.200.....	Antigens, CD19
D23.050.301.500.600.300.....	Cathepsin H
D23.050.301.500.600.350.....	Focal Adhesion Kinase 2
D23.050.301.500.600.400.....	H-Y Antigen
D23.050.301.500.600.700.....	Receptor, ErbB-2
D23.050.301.500.600.775.....	Receptors, Purinergic P2X5
D23.050.301.500.600.813.....	Reduced Folate Carrier Protein
D23.050.301.500.600.850.....	rho Guanine Nucleotide Dissociation Inhibitor beta
D23.050.301.500.600.925.....	Thymidine Phosphorylase
D23.050.301.500.600.962.....	WNK Lysine-Deficient Protein Kinase 1
D23.050.301.562.....	Leukocyte L1 Antigen Complex
D23.050.301.562.100.....	Calgranulin A
D23.050.301.562.200.....	Calgranulin B
D23.050.301.593.....	Lymphocyte Antigen 96
D23.050.301.625.....	Minor Lymphocyte Stimulatory Antigens
D23.050.301.900.....	Variant Surface Glycoproteins, Trypanosoma
D23.050.324.....	Antigens, T-Independent
D23.050.327.....	Antigens, Viral
D23.050.327.045.....	Adenovirus Early Proteins
D23.050.327.045.050.....	Adenovirus E1 Proteins
D23.050.327.045.060.....	Adenovirus E2 Proteins
D23.050.327.045.070.....	Adenovirus E3 Proteins
D23.050.327.045.080.....	Adenovirus E4 Proteins
D23.050.327.062.....	Antigens, Viral, Tumor
D23.050.327.062.045.....	Adenovirus E1A Proteins
D23.050.327.062.050.....	Adenovirus E1B Proteins
D23.050.327.062.090.....	Antigens, Polyomavirus Transforming
D23.050.327.150.....	Deltaretrovirus Antigens
D23.050.327.150.500.....	HTLV-I Antigens
D23.050.327.150.510.....	HTLV-II Antigens
D23.050.327.300.....	Epstein-Barr Virus Nuclear Antigens

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.327.461.....Hemagglutinins, Viral
D23.050.327.461.350.....HN Protein
D23.050.327.495.....Hepatitis Antigens
D23.050.327.495.249.....Hepatitis A Antigens
D23.050.327.495.500.....Hepatitis B Antigens
D23.050.327.495.500.450.....Hepatitis B Core Antigens
D23.050.327.495.500.469.....Hepatitis B e Antigens
D23.050.327.495.500.475.....Hepatitis B Surface Antigens
D23.050.327.495.505.....Hepatitis C Antigens
D23.050.327.495.752.....Hepatitis delta Antigens
D23.050.327.520.....HIV Antigens
D23.050.327.520.300.....HIV Core Protein p24
D23.050.327.520.330.....HIV Envelope Protein gp41
D23.050.327.520.350.....HIV Envelope Protein gp120
D23.050.422.....Autoantigens
D23.050.422.031.....Centromere Protein A
D23.050.422.061.....Centromere Protein B
D23.050.422.124.....Desmoglein 1
D23.050.422.249.....Desmoglein 3
D23.050.422.500.....Heymann Nephritis Antigenic Complex
D23.050.422.500.500.....Low Density Lipoprotein Receptor-Related Protein-2
D23.050.422.500.750.....LDL-Receptor Related Protein-Associated Protein
D23.050.422.625.....Myelin-Oligodendrocyte Glycoprotein
D23.050.422.750.....snRNP Core Proteins
D23.050.550.....Epitopes
D23.050.550.325.....Antigens, Tumor-Associated, Carbohydrate
D23.050.550.325.050.....Lewis X Antigen
D23.050.550.325.119.....CA-19-9 Antigen
D23.050.550.325.225.....CA-125 Antigen
D23.050.550.325.300.....Mucin-1
D23.050.550.395.....Epitopes, B-Lymphocyte
D23.050.550.402.....Epitopes, T-Lymphocyte
D23.050.550.480.....Haptens
D23.050.550.480.097.....p-Azobenzeneearsonate
D23.050.550.480.330.....Cardiolipins
D23.050.550.480.350.....Dinitrochlorobenzene
D23.050.550.480.641.....Nitrohydroxyiodophenylacetate
D23.050.550.480.820.....Picryl Chloride
D23.050.550.500.....Immunodominant Epitopes
D23.050.550.750.....Immunoglobulin Idiotypes
D23.050.705.....Isoantigens

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.705.115.....Antigens, Human Platelet
D23.050.705.230.....Blood Group Antigens
D23.050.705.230.031.....ABO Blood-Group System
D23.050.705.230.301.....Duffy Blood-Group System
D23.050.705.230.501.....I Blood-Group System
D23.050.705.230.533.....Kell Blood-Group System
D23.050.705.230.538.....Kidd Blood-Group System
D23.050.705.230.544.....Lewis Blood-Group System
D23.050.705.230.544.059.....Lewis X Antigen
D23.050.705.230.544.119.....CA-19-9 Antigen
D23.050.705.230.552.....Lutheran Blood-Group System
D23.050.705.230.606.....MNSs Blood-Group System
D23.050.705.230.691.....P Blood-Group System
D23.050.705.230.775.....Rh-Hr Blood-Group System
D23.050.705.552.....Histocompatibility Antigens
D23.050.705.552.100.....Histocompatibility Antigens Class I
D23.050.705.552.100.350.....H-2 Antigens
D23.050.705.552.100.375.....Hemochromatosis Protein
D23.050.705.552.100.400.....HLA-A Antigens
D23.050.705.552.100.400.010.....HLA-A1 Antigen
D23.050.705.552.100.400.020.....HLA-A2 Antigen
D23.050.705.552.100.400.030.....HLA-A3 Antigen
D23.050.705.552.100.400.110.....HLA-A11 Antigen
D23.050.705.552.100.400.240.....HLA-A24 Antigen
D23.050.705.552.100.500.....HLA-B Antigens
D23.050.705.552.100.500.070.....HLA-B7 Antigen
D23.050.705.552.100.500.080.....HLA-B8 Antigen
D23.050.705.552.100.500.130.....HLA-B13 Antigen
D23.050.705.552.100.500.140.....HLA-B14 Antigen
D23.050.705.552.100.500.150.....HLA-B15 Antigen
D23.050.705.552.100.500.180.....HLA-B18 Antigen
D23.050.705.552.100.500.270.....HLA-B27 Antigen
D23.050.705.552.100.500.350.....HLA-B35 Antigen
D23.050.705.552.100.500.370.....HLA-B37 Antigen
D23.050.705.552.100.500.380.....HLA-B38 Antigen
D23.050.705.552.100.500.390.....HLA-B39 Antigen
D23.050.705.552.100.500.400.....HLA-B40 Antigen
D23.050.705.552.100.500.440.....HLA-B44 Antigen
D23.050.705.552.100.500.510.....HLA-B51 Antigen
D23.050.705.552.100.500.520.....HLA-B52 Antigen
D23.050.705.552.100.600.....HLA-C Antigens

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.705.552.100.700.....HLA-G Antigens
D23.050.705.552.410.....Histocompatibility Antigens Class II
D23.050.705.552.410.199.....H-2 Antigens
D23.050.705.552.410.400.....HLA-D Antigens
D23.050.705.552.410.400.420.....HLA-DP Antigens
D23.050.705.552.410.400.420.500.....HLA-DP alpha-Chains
D23.050.705.552.410.400.420.750.....HLA-DP beta-Chains
D23.050.705.552.410.400.430.....HLA-DQ Antigens
D23.050.705.552.410.400.430.500.....HLA-DQ alpha-Chains
D23.050.705.552.410.400.430.750.....HLA-DQ beta-Chains
D23.050.705.552.410.400.440.....HLA-DR Antigens
D23.050.705.552.410.400.440.100.....HLA-DR alpha-Chains
D23.050.705.552.410.400.440.200.....HLA-DR beta-Chains
D23.050.705.552.410.400.440.200.010.....HLA-DRB1 Chains
D23.050.705.552.410.400.440.200.030.....HLA-DRB3 Chains
D23.050.705.552.410.400.440.200.040.....HLA-DRB4 Chains
D23.050.705.552.410.400.440.200.050.....HLA-DRB5 Chains
D23.050.705.552.410.400.440.389.....HLA-DR Serological Subtypes
D23.050.705.552.410.400.440.389.010.....HLA-DR1 Antigen
D23.050.705.552.410.400.440.389.020.....HLA-DR2 Antigen
D23.050.705.552.410.400.440.389.030.....HLA-DR3 Antigen
D23.050.705.552.410.400.440.389.040.....HLA-DR4 Antigen
D23.050.705.552.410.400.440.389.050.....HLA-DR5 Antigen
D23.050.705.552.410.400.440.389.060.....HLA-DR6 Antigen
D23.050.705.552.410.400.440.389.070.....HLA-DR7 Antigen
D23.050.705.552.450.....HLA Antigens
D23.050.705.552.450.370.....HLA-A Antigens
D23.050.705.552.450.370.372.....HLA-A1 Antigen
D23.050.705.552.450.370.374.....HLA-A2 Antigen
D23.050.705.552.450.370.376.....HLA-A3 Antigen
D23.050.705.552.450.370.500.....HLA-A11 Antigen
D23.050.705.552.450.370.600.....HLA-A24 Antigen
D23.050.705.552.450.380.....HLA-B Antigens
D23.050.705.552.450.380.070.....HLA-B7 Antigen
D23.050.705.552.450.380.080.....HLA-B8 Antigen
D23.050.705.552.450.380.130.....HLA-B13 Antigen
D23.050.705.552.450.380.140.....HLA-B14 Antigen
D23.050.705.552.450.380.150.....HLA-B15 Antigen
D23.050.705.552.450.380.180.....HLA-B18 Antigen
D23.050.705.552.450.380.270.....HLA-B27 Antigen
D23.050.705.552.450.380.350.....HLA-B35 Antigen

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.705.552.450.380.370.....HLA-B37 Antigen
D23.050.705.552.450.380.380.....HLA-B38 Antigen
D23.050.705.552.450.380.390.....HLA-B39 Antigen
D23.050.705.552.450.380.400.....HLA-B40 Antigen
D23.050.705.552.450.380.440.....HLA-B44 Antigen
D23.050.705.552.450.380.510.....HLA-B51 Antigen
D23.050.705.552.450.380.520.....HLA-B52 Antigen
D23.050.705.552.450.390.....HLA-C Antigens
D23.050.705.552.450.400.....HLA-D Antigens
D23.050.705.552.450.400.420.....HLA-DP Antigens
D23.050.705.552.450.400.420.500.....HLA-DP alpha-Chains
D23.050.705.552.450.400.420.750.....HLA-DP beta-Chains
D23.050.705.552.450.400.430.....HLA-DQ Antigens
D23.050.705.552.450.400.430.500.....HLA-DQ alpha-Chains
D23.050.705.552.450.400.430.750.....HLA-DQ beta-Chains
D23.050.705.552.450.400.440.....HLA-DR Antigens
D23.050.705.552.450.400.440.222.....HLA-DR alpha-Chains
D23.050.705.552.450.400.440.333.....HLA-DR beta-Chains
D23.050.705.552.450.400.440.333.500.....HLA-DRB1 Chains
D23.050.705.552.450.400.440.333.750.....HLA-DRB3 Chains
D23.050.705.552.450.400.440.333.875.....HLA-DRB4 Chains
D23.050.705.552.450.400.440.333.937.....HLA-DRB5 Chains
D23.050.705.552.450.400.440.389.....HLA-DR Serological Subtypes
D23.050.705.552.450.400.440.389.500.....HLA-DR1 Antigen
D23.050.705.552.450.400.440.389.750.....HLA-DR2 Antigen
D23.050.705.552.450.400.440.389.875.....HLA-DR3 Antigen
D23.050.705.552.450.400.440.389.937.....HLA-DR4 Antigen
D23.050.705.552.450.400.440.389.968.....HLA-DR5 Antigen
D23.050.705.552.450.400.440.389.984.....HLA-DR6 Antigen
D23.050.705.552.450.400.440.389.992.....HLA-DR7 Antigen
D23.050.705.552.450.700.....HLA-G Antigens
D23.050.705.552.600.....Minor Histocompatibility Antigens
D23.050.705.552.600.200.....Antigens, CD19
D23.050.705.552.600.300.....Cathepsin H
D23.050.705.552.600.350.....Focal Adhesion Kinase 2
D23.050.705.552.600.400.....H-Y Antigen
D23.050.705.552.600.550.....Receptor, ErbB-2
D23.050.705.552.600.625.....Receptors, Purinergic P2X5
D23.050.705.552.600.663.....Reduced Folate Carrier Protein
D23.050.705.552.600.700.....rho Guanine Nucleotide Dissociation Inhibitor beta
D23.050.705.552.600.850.....Thymidine Phosphorylase

## 2018 MeSH Tree Hierarchy

Tree location
D23.050.705.552.600.925.....WNK Lysine-Deficient Protein Kinase 1
D23.050.820.....Superantigens
D23.050.820.625.....Minor Lymphocyte Stimulatory Antigens
D23.050.865.....Vaccines, Synthetic
D23.050.865.900.....Vaccines, Conjugate
D23.050.865.910.....Vaccines, DNA
D23.050.865.915.....Vaccines, Edible
D23.050.865.940.....Vaccines, Virosome
D23.050.865.955.....Vaccines, Virus-Like Particle
D23.101.....Biomarkers
D23.101.050.....Antibodies, Antineutrophil Cytoplasmic
D23.101.100.....Antigens, Differentiation
D23.101.100.110.....Antigens, CD
D23.101.100.110.100.....Antigens, CD1
D23.101.100.110.100.500.....Antigens, CD1d
D23.101.100.110.119.....Antigens, CD19
D23.101.100.110.120.....Antigens, CD20
D23.101.100.110.134.....Antigens, CD34
D23.101.100.150.....Antigens, Differentiation, B-Lymphocyte
D23.101.100.150.101.....CD5 Antigens
D23.101.100.150.119.....Antigens, CD19
D23.101.100.150.120.....Antigens, CD20
D23.101.100.150.140.....CD40 Antigens
D23.101.100.894.....Antigens, Differentiation, T-Lymphocyte
D23.101.100.894.080.....Antigens, CD1
D23.101.100.894.080.500.....Antigens, CD1d
D23.101.100.894.090.....CD2 Antigens
D23.101.100.894.095.....CD3 Complex
D23.101.100.894.095.800.....Receptor-CD3 Complex, Antigen, T-Cell
D23.101.100.894.100.....CD4 Antigens
D23.101.100.894.101.....CD5 Antigens
D23.101.100.894.107.....Antigens, CD7
D23.101.100.894.108.....CD8 Antigens
D23.101.100.894.113.....CD13 Antigens
D23.101.100.894.118.....CD18 Antigens
D23.101.100.894.123.....Thy-1 Antigens
D23.101.100.894.127.....Tumor Necrosis Factor Receptor Superfamily, Member 7
D23.101.100.894.128.....CD28 Antigens
D23.101.100.894.156.....CD56 Antigen
D23.101.100.894.157.....CD57 Antigens
D23.101.100.894.158.....CTLA-4 Antigen



## 2018 MeSH Tree Hierarchy

Tree location	
D23.101.100.894.160.....	Dipeptidyl Peptidase 4
D23.101.100.894.580.....	Inducible T-Cell Co-Stimulator Protein
D23.101.100.894.790.....	Programmed Cell Death 1 Receptor
D23.101.100.900.....	Antigens, Differentiation, Myelomonocytic
D23.101.100.900.045.....	Lipopolysaccharide Receptors
D23.101.100.900.050.....	Lewis X Antigen
D23.101.100.900.131.....	Platelet Endothelial Cell Adhesion Molecule-1
D23.101.100.900.565.....	Sialic Acid Binding Ig-like Lectin 3
D23.101.100.920.....	Antigens, Ly
D23.101.100.920.500.....	NK Cell Lectin-Like Receptor Subfamily A
D23.101.100.943.....	CD52 Antigen
D23.101.100.965.....	Stage-Specific Embryonic Antigens
D23.101.137.....	Biomarkers, Pharmacological
D23.101.140.....	Biomarkers, Tumor
D23.101.140.050.....	alpha-Fetoproteins
D23.101.140.055.....	Ki-1 Antigen
D23.101.140.075.....	Antigens, Tumor-Associated, Carbohydrate
D23.101.140.075.050.....	Lewis X Antigen
D23.101.140.075.119.....	CA-19-9 Antigen
D23.101.140.075.225.....	CA-125 Antigen
D23.101.140.075.300.....	Mucin-1
D23.101.140.300.....	Carcinoembryonic Antigen
D23.101.140.325.....	Chorionic Gonadotropin, beta Subunit, Human
D23.101.140.375.....	Hormones, Ectopic
D23.101.140.400.....	Ki-67 Antigen
D23.101.140.425.....	Mammaglobin A
D23.101.140.450.....	Nephroblastoma Overexpressed Protein
D23.101.140.500.....	Neprilysin
D23.101.140.540.....	Normetanephrine
D23.101.140.600.....	Proliferating Cell Nuclear Antigen
D23.101.140.625.....	Prostate-Specific Antigen
D23.101.140.642.....	Receptor, ErbB-2
D23.101.140.721.....	Receptor, ErbB-3
D23.101.140.760.....	Receptor, ErbB-4
D23.101.140.780.....	Pancreatitis-Associated Proteins
D23.101.140.800.....	Synaptophysin
D23.101.140.870.....	Tissue Kallikreins
D23.101.140.880.....	Tissue Polypeptide Antigen
D23.101.175.....	Chorionic Gonadotropin, beta Subunit, Human
D23.101.258.....	Environmental Biomarkers
D23.101.340.....	Fibrinopeptide A

## 2018 MeSH Tree Hierarchy

Tree location
D23.101.387.....Genetic Markers
D23.101.613.....Oligoclonal Bands
D23.113.....Blood Coagulation Factor Inhibitors
D23.113.025.....Antithrombin III
D23.113.475.....Lupus Coagulation Inhibitor
D23.113.700.....Protein C
D23.113.725.....Protein S
D23.119.....Blood Coagulation Factors
D23.119.050.....beta-Thromboglobulin
D23.119.100.....Calcium
D23.119.300.....Factor V
D23.119.300.300.....Factor Va
D23.119.325.....Factor VII
D23.119.325.300.....Factor VIIa
D23.119.350.....Factor VIII
D23.119.350.300.....Factor VIIIa
D23.119.375.....Factor IX
D23.119.375.310.....Factor IXa
D23.119.400.....Factor X
D23.119.400.315.....Factor Xa
D23.119.425.....Factor XI
D23.119.425.320.....Factor XIa
D23.119.450.....Factor XII
D23.119.450.324.....Factor XIIa
D23.119.475.....Factor XIII
D23.119.475.500.....Factor XIIIa
D23.119.490.....Fibrinogen
D23.119.490.265.....Fibrinogens, Abnormal
D23.119.500.....Fibrinopeptide A
D23.119.510.....Fibrinopeptide B
D23.119.597.....Kallikreins
D23.119.597.712.....Prekallikrein
D23.119.630.....Kininogens
D23.119.630.480.....Kininogen, High-Molecular-Weight
D23.119.630.490.....Kininogen, Low-Molecular-Weight
D23.119.832.....Plasminogen Inactivators
D23.119.832.500.....Plasminogen Activator Inhibitor 1
D23.119.832.750.....Plasminogen Activator Inhibitor 2
D23.119.865.....Platelet Activating Factor
D23.119.932.....Platelet Factor 3
D23.119.940.....Platelet Factor 4

## 2018 MeSH Tree Hierarchy

Tree location
D23.119.945.....Prothrombin
D23.119.960.....Thrombin
D23.119.965.....Thromboplastin
D23.119.970.....Tissue Plasminogen Activator
D23.119.985.....von Willebrand Factor
D23.125.....Chemotactic Factors
D23.125.300.....Chemokines
D23.125.300.070.....beta-Thromboglobulin
D23.125.300.100.....Chemokines, C
D23.125.300.110.....Chemokines, CC
D23.125.300.110.050.....Chemokine CCL1
D23.125.300.110.100.....Chemokine CCL18
D23.125.300.110.125.....Chemokine CCL26
D23.125.300.110.150.....Chemokine CCL3
D23.125.300.110.200.....Chemokine CCL4
D23.125.300.110.250.....Chemokine CCL5
D23.125.300.110.550.....Chemokine CCL11
D23.125.300.110.850.....Chemokine CCL17
D23.125.300.110.870.....Chemokine CCL19
D23.125.300.110.880.....Chemokine CCL20
D23.125.300.110.890.....Chemokine CCL21
D23.125.300.110.900.....Chemokine CCL22
D23.125.300.110.910.....Chemokine CCL24
D23.125.300.110.930.....Chemokine CCL27
D23.125.300.110.990.....Monocyte Chemoattractant Proteins
D23.125.300.110.990.600.....Chemokine CCL2
D23.125.300.110.990.800.....Chemokine CCL7
D23.125.300.110.990.900.....Chemokine CCL8
D23.125.300.120.....Chemokines, CXC
D23.125.300.120.050.....Chemokine CXCL1
D23.125.300.120.075.....Chemokine CXCL16
D23.125.300.120.100.....Chemokine CXCL2
D23.125.300.120.250.....Chemokine CXCL5
D23.125.300.120.300.....Chemokine CXCL6
D23.125.300.120.450.....Chemokine CXCL9
D23.125.300.120.500.....Chemokine CXCL10
D23.125.300.120.550.....Chemokine CXCL11
D23.125.300.120.600.....Chemokine CXCL12
D23.125.300.120.650.....Chemokine CXCL13
D23.125.300.120.800.....Interleukin-8
D23.125.300.120.900.....Platelet Factor 4

## 2018 MeSH Tree Hierarchy

Tree location
D23.125.300.130.....Chemokines, CX3C
D23.125.300.130.500.....Chemokine CX3CL1
D23.125.300.600.....Macrophage Inflammatory Proteins
D23.125.300.600.250.....Chemokine CCL18
D23.125.300.600.500.....Chemokine CCL3
D23.125.300.600.750.....Chemokine CCL4
D23.125.300.600.870.....Chemokine CCL19
D23.125.300.600.880.....Chemokine CCL20
D23.125.300.600.940.....Chemokine CXCL2
D23.125.320.....Chemotactic Factors, Eosinophil
D23.125.477.....Leukocyte Migration-Inhibitory Factors
D23.125.477.500.....Macrophage Migration-Inhibitory Factors
D23.125.685.....N-Formylmethionine Leucyl-Phenylalanine
D23.125.842.....Netrins
D23.125.842.500.....Netrin-1
D23.297.....Host-Derived Cellular Factors
D23.297.500.....Integration Host Factors
D23.469.....Inflammation Mediators
D23.469.050.....Autacoids
D23.469.050.050.....Angiotensins
D23.469.050.050.025.....Angiotensin I
D23.469.050.050.050.....Angiotensin II
D23.469.050.050.050.050.....Angiotensin Amide
D23.469.050.050.050.700.....Saralasin
D23.469.050.050.050.725.....1-Sarcosine-8-Isoleucine Angiotensin II
D23.469.050.050.075.....Angiotensin III
D23.469.050.175.....Eicosanoids
D23.469.050.175.450.....Leukotrienes
D23.469.050.175.450.400.....Leukotriene A4
D23.469.050.175.450.415.....Leukotriene B4
D23.469.050.175.450.725.....SRS-A
D23.469.050.175.450.725.400.....Leukotriene C4
D23.469.050.175.450.725.415.....Leukotriene D4
D23.469.050.175.450.725.425.....Leukotriene E4
D23.469.050.175.725.....Prostaglandins
D23.469.050.175.725.025.....Prostaglandin Endoperoxides
D23.469.050.175.725.025.600.....Prostaglandins G
D23.469.050.175.725.025.650.....Prostaglandins H
D23.469.050.175.725.025.650.500.....Prostaglandin H2
D23.469.050.175.725.025.650.500.500.....15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D23.469.050.175.725.100.....Prostaglandins A

## 2018 MeSH Tree Hierarchy

Tree location
D23.469.050.175.725.150.....Prostaglandins B
D23.469.050.175.725.200.....Prostaglandins D
D23.469.050.175.725.200.200.....Prostaglandin D2
D23.469.050.175.725.250.....Prostaglandins E
D23.469.050.175.725.250.100.....Alprostadil
D23.469.050.175.725.250.200.....Dinoprostone
D23.469.050.175.725.400.....Prostaglandins F
D23.469.050.175.725.400.200.....Dinoprost
D23.469.050.175.725.400.350.....6-Ketoprostaglandin F1 alpha
D23.469.050.175.725.550.....Prostaglandins I
D23.469.050.175.725.550.500.....Epoprostenol
D23.469.050.175.725.775.....Prostaglandins, Synthetic
D23.469.050.175.725.775.125.....Iloprost
D23.469.050.175.725.775.250.....Prostaglandin Endoperoxides, Synthetic
D23.469.050.175.725.775.350.....Prostaglandins A, Synthetic
D23.469.050.175.725.775.450.....Prostaglandins E, Synthetic
D23.469.050.175.725.775.450.050.....Arbaprostil
D23.469.050.175.725.775.450.300.....16,16-Dimethylprostaglandin E2
D23.469.050.175.725.775.450.350.....Enprostil
D23.469.050.175.725.775.450.500.....Misoprostol
D23.469.050.175.725.775.450.750.....Rioprostil
D23.469.050.175.725.775.500.....Prostaglandins F, Synthetic
D23.469.050.175.725.775.500.150.....Carboprost
D23.469.050.175.725.775.500.175.....Cloprostenol
D23.469.050.175.725.775.500.175.250.....Bimatoprost
D23.469.050.175.725.775.500.175.500.....Travoprost
D23.469.050.300.....Histamine
D23.469.050.375.....Kinins
D23.469.050.375.110.....Bradykinin
D23.469.050.375.110.400.....Kallidin
D23.469.050.375.425.....Kininogens
D23.469.050.375.425.350.....Kininogen, High-Molecular-Weight
D23.469.050.375.425.400.....Kininogen, Low-Molecular-Weight
D23.469.050.375.850.....Tachykinins
D23.469.050.375.850.275.....Eledoisin
D23.469.050.375.850.400.....Kassinin
D23.469.050.375.850.550.....Neurokinin A
D23.469.050.375.850.570.....Neurokinin B
D23.469.050.375.850.780.....Physalaemin
D23.469.050.375.850.890.....Substance P
D23.469.050.375.925.....Urotensins

## 2018 MeSH Tree Hierarchy

Tree location
D23.469.050.600.....Platelet Activating Factor
D23.469.050.650.....Serotonin
D23.469.200.....Chemokines
D23.469.200.070.....beta-Thromboglobulin
D23.469.200.100.....Chemokines, C
D23.469.200.110.....Chemokines, CC
D23.469.200.110.050.....Chemokine CCL1
D23.469.200.110.100.....Chemokine CCL18
D23.469.200.110.125.....Chemokine CCL26
D23.469.200.110.150.....Chemokine CCL3
D23.469.200.110.200.....Chemokine CCL4
D23.469.200.110.250.....Chemokine CCL5
D23.469.200.110.550.....Chemokine CCL11
D23.469.200.110.850.....Chemokine CCL17
D23.469.200.110.870.....Chemokine CCL19
D23.469.200.110.880.....Chemokine CCL20
D23.469.200.110.890.....Chemokine CCL21
D23.469.200.110.900.....Chemokine CCL22
D23.469.200.110.910.....Chemokine CCL24
D23.469.200.110.930.....Chemokine CCL27
D23.469.200.110.990.....Monocyte Chemoattractant Proteins
D23.469.200.110.990.600.....Chemokine CCL2
D23.469.200.110.990.800.....Chemokine CCL7
D23.469.200.110.990.900.....Chemokine CCL8
D23.469.200.120.....Chemokines, CXC
D23.469.200.120.050.....Chemokine CXCL1
D23.469.200.120.075.....Chemokine CXCL16
D23.469.200.120.100.....Chemokine CXCL2
D23.469.200.120.250.....Chemokine CXCL5
D23.469.200.120.300.....Chemokine CXCL6
D23.469.200.120.450.....Chemokine CXCL9
D23.469.200.120.500.....Chemokine CXCL10
D23.469.200.120.550.....Chemokine CXCL11
D23.469.200.120.600.....Chemokine CXCL12
D23.469.200.120.650.....Chemokine CXCL13
D23.469.200.120.800.....Interleukin-8
D23.469.200.120.900.....Platelet Factor 4
D23.469.200.130.....Chemokines, CX3C
D23.469.200.130.500.....Chemokine CX3CL1
D23.469.200.600.....Macrophage Inflammatory Proteins
D23.469.200.600.075.....Chemokine CCL18

## 2018 MeSH Tree Hierarchy

Tree location	
D23.469.200.600.150.....	Chemokine CCL3
D23.469.200.600.870.....	Chemokine CCL19
D23.469.200.600.880.....	Chemokine CCL20
D23.469.200.600.940.....	Chemokine CXCL2
D23.469.700.....	Prostaglandins, Synthetic
D23.469.700.275.....	Iloprost
D23.469.700.630.....	Prostaglandin Endoperoxides, Synthetic
D23.469.700.630.500.....	15-Hydroxy-11 alpha,9 alpha-(epoxymethano)prosta-5,13-dienoic Acid
D23.469.700.645.....	Prostaglandins A, Synthetic
D23.469.700.660.....	Prostaglandins E, Synthetic
D23.469.700.660.050.....	Arbaprostil
D23.469.700.660.200.....	16,16-Dimethylprostaglandin E2
D23.469.700.660.250.....	Enprostil
D23.469.700.660.500.....	Misoprostol
D23.469.700.660.750.....	Rioprostil
D23.469.700.670.....	Prostaglandins F, Synthetic
D23.469.700.670.150.....	Carboprost
D23.469.700.670.175.....	Cloprostenol
D23.469.700.670.175.250.....	Bimatoprost
D23.469.700.670.175.500.....	Travoprost
D23.529.....	Intercellular Signaling Peptides and Proteins
D23.529.024.....	Adipokines
D23.529.024.249.....	Adiponectin
D23.529.024.500.....	Leptin
D23.529.024.750.....	Resistin
D23.529.049.....	Agouti Signaling Protein
D23.529.074.....	Agouti-Related Protein
D23.529.100.....	Angiogenic Proteins
D23.529.100.050.....	Angiopoietin-like Proteins
D23.529.100.050.500.....	Angiopoietin-like 4 Protein
D23.529.100.100.....	Angiopoietins
D23.529.100.100.100.....	Angiopoietin-1
D23.529.100.100.200.....	Angiopoietin-2
D23.529.100.450.....	Angiostatic Proteins
D23.529.100.450.500.....	Angiostatins
D23.529.100.450.750.....	Endostatins
D23.529.100.800.....	Vascular Endothelial Growth Factors
D23.529.100.800.200.....	Vascular Endothelial Growth Factor A
D23.529.100.800.300.....	Vascular Endothelial Growth Factor B
D23.529.100.800.400.....	Vascular Endothelial Growth Factor C
D23.529.100.800.500.....	Vascular Endothelial Growth Factor D

## 2018 MeSH Tree Hierarchy

Tree location
D23.529.100.800.600.....Vascular Endothelial Growth Factor, Endocrine-Gland-Derived
D23.529.134.....Apelin
D23.529.168.....B7 Antigens
D23.529.168.100.....B7-1 Antigen
D23.529.168.200.....B7-2 Antigen
D23.529.168.300.....B7-H1 Antigen
D23.529.168.500.....Inducible T-Cell Co-Stimulator Ligand
D23.529.168.800.....Programmed Cell Death 1 Ligand 2 Protein
D23.529.168.900.....V-Set Domain-Containing T-Cell Activation Inhibitor 1
D23.529.237.....CCN Intercellular Signaling Proteins
D23.529.237.100.....Connective Tissue Growth Factor
D23.529.237.200.....Cysteine-Rich Protein 61
D23.529.237.600.....Nephroblastoma Overexpressed Protein
D23.529.374.....Cytokines
D23.529.374.200.....Chemokines
D23.529.374.200.070.....beta-Thromboglobulin
D23.529.374.200.100.....Chemokines, C
D23.529.374.200.110.....Chemokines, CC
D23.529.374.200.110.050.....Chemokine CCL1
D23.529.374.200.110.100.....Chemokine CCL18
D23.529.374.200.110.125.....Chemokine CCL26
D23.529.374.200.110.150.....Chemokine CCL3
D23.529.374.200.110.200.....Chemokine CCL4
D23.529.374.200.110.250.....Chemokine CCL5
D23.529.374.200.110.550.....Chemokine CCL11
D23.529.374.200.110.850.....Chemokine CCL17
D23.529.374.200.110.870.....Chemokine CCL19
D23.529.374.200.110.880.....Chemokine CCL20
D23.529.374.200.110.890.....Chemokine CCL21
D23.529.374.200.110.900.....Chemokine CCL22
D23.529.374.200.110.910.....Chemokine CCL24
D23.529.374.200.110.930.....Chemokine CCL27
D23.529.374.200.110.990.....Monocyte Chemoattractant Proteins
D23.529.374.200.110.990.500.....Chemokine CCL2
D23.529.374.200.110.990.750.....Chemokine CCL7
D23.529.374.200.110.990.875.....Chemokine CCL8
D23.529.374.200.120.....Chemokines, CXC
D23.529.374.200.120.050.....Chemokine CXCL1
D23.529.374.200.120.075.....Chemokine CXCL16
D23.529.374.200.120.100.....Chemokine CXCL2
D23.529.374.200.120.250.....Chemokine CXCL5



## 2018 MeSH Tree Hierarchy

Tree location	
D23.529.374.200.120.300.....	Chemokine CXCL6
D23.529.374.200.120.450.....	Chemokine CXCL9
D23.529.374.200.120.500.....	Chemokine CXCL10
D23.529.374.200.120.550.....	Chemokine CXCL11
D23.529.374.200.120.600.....	Chemokine CXCL12
D23.529.374.200.120.650.....	Chemokine CXCL13
D23.529.374.200.120.800.....	Interleukin-8
D23.529.374.200.120.900.....	Platelet Factor 4
D23.529.374.200.130.....	Chemokines, CX3C
D23.529.374.200.130.500.....	Chemokine CX3CL1
D23.529.374.200.600.....	Macrophage Inflammatory Proteins
D23.529.374.200.600.075.....	Chemokine CCL18
D23.529.374.200.600.150.....	Chemokine CCL3
D23.529.374.200.600.200.....	Chemokine CCL4
D23.529.374.200.600.870.....	Chemokine CCL19
D23.529.374.200.600.880.....	Chemokine CCL20
D23.529.374.200.600.940.....	Chemokine CXCL2
D23.529.374.305.....	Growth Differentiation Factor 15
D23.529.374.410.....	Hematopoietic Cell Growth Factors
D23.529.374.410.240.....	Colony-Stimulating Factors
D23.529.374.410.240.150.....	Erythropoietin
D23.529.374.410.240.150.750.....	Epoetin Alfa
D23.529.374.410.240.350.....	Granulocyte Colony-Stimulating Factor
D23.529.374.410.240.350.500.....	Filgrastim
D23.529.374.410.240.375.....	Granulocyte-Macrophage Colony-Stimulating Factor
D23.529.374.410.240.400.....	Interleukin-3
D23.529.374.410.240.500.....	Macrophage Colony-Stimulating Factor
D23.529.374.410.240.750.....	Thrombopoietin
D23.529.374.410.800.....	Stem Cell Factor
D23.529.374.420.....	Hepatocyte Growth Factor
D23.529.374.440.....	Interferons
D23.529.374.440.890.....	Interferon Type I
D23.529.374.440.890.250.....	Interferon-alpha
D23.529.374.440.890.275.....	Interferon-beta
D23.529.374.440.890.275.500.....	Interferon beta-1a
D23.529.374.440.890.275.750.....	Interferon beta-1b
D23.529.374.440.893.....	Interferon-gamma
D23.529.374.460.....	Interleukin 1 Receptor Antagonist Protein
D23.529.374.465.....	Interleukins
D23.529.374.465.131.....	Interleukin-1
D23.529.374.465.131.300.....	Interleukin-1alpha

## 2018 MeSH Tree Hierarchy

Tree location
D23.529.374.465.131.600.....Interleukin-1beta
D23.529.374.465.155.....Interleukin-2
D23.529.374.465.169.....Interleukin-3
D23.529.374.465.186.....Interleukin-4
D23.529.374.465.202.....Interleukin-5
D23.529.374.465.224.....Interleukin-6
D23.529.374.465.246.....Interleukin-7
D23.529.374.465.312.....Interleukin-8
D23.529.374.465.377.....Interleukin-9
D23.529.374.465.510.....Interleukin-10
D23.529.374.465.511.....Interleukin-11
D23.529.374.465.512.....Interleukin-12
D23.529.374.465.512.249.....Interleukin-12 Subunit p35
D23.529.374.465.512.500.....Interleukin-12 Subunit p40
D23.529.374.465.513.....Interleukin-13
D23.529.374.465.515.....Interleukin-15
D23.529.374.465.516.....Interleukin-16
D23.529.374.465.517.....Interleukin-17
D23.529.374.465.518.....Interleukin-18
D23.529.374.465.550.....Interleukin-23
D23.529.374.465.550.249.....Interleukin-12 Subunit p40
D23.529.374.465.550.500.....Interleukin-23 Subunit p19
D23.529.374.465.600.....Interleukin-27
D23.529.374.465.850.....Interleukin-33
D23.529.374.470.....Leukemia Inhibitory Factor
D23.529.374.480.....Lymphokines
D23.529.374.480.372.....Interleukin-2
D23.529.374.480.428.....Leukocyte Migration-Inhibitory Factors
D23.529.374.480.438.....Lymphotoxin-alpha
D23.529.374.480.615.....Macrophage-Activating Factors
D23.529.374.480.615.350.....Interferon-gamma
D23.529.374.480.625.....Macrophage Migration-Inhibitory Factors
D23.529.374.480.700.....Suppressor Factors, Immunologic
D23.529.374.480.750.....Transfer Factor
D23.529.374.500.....Monokines
D23.529.374.500.400.....Interleukin-1
D23.529.374.500.400.300.....Interleukin-1alpha
D23.529.374.500.400.600.....Interleukin-1beta
D23.529.374.500.800.....Tumor Necrosis Factor-alpha
D23.529.374.562.....Oncostatin M
D23.529.374.625.....Osteopontin

## 2018 MeSH Tree Hierarchy

Tree location	
D23.529.374.687.....	Transforming Growth Factor beta
D23.529.374.687.100.....	Transforming Growth Factor beta1
D23.529.374.687.200.....	Transforming Growth Factor beta2
D23.529.374.750.....	Tumor Necrosis Factors
D23.529.374.750.030.....	CD27 Ligand
D23.529.374.750.061.....	B-Cell Activating Factor
D23.529.374.750.065.....	4-1BB Ligand
D23.529.374.750.092.....	CD30 Ligand
D23.529.374.750.124.....	CD40 Ligand
D23.529.374.750.155.....	Cytokine TWEAK
D23.529.374.750.186.....	Ectodysplasins
D23.529.374.750.249.....	Fas Ligand Protein
D23.529.374.750.500.....	Lymphotoxin-alpha
D23.529.374.750.505.....	Lymphotoxin alpha1, beta2 Heterotrimer
D23.529.374.750.515.....	Lymphotoxin-beta
D23.529.374.750.531.....	OX40 Ligand
D23.529.374.750.562.....	RANK Ligand
D23.529.374.750.625.....	TNF-Related Apoptosis-Inducing Ligand
D23.529.374.750.626.....	Tumor Necrosis Factor-alpha
D23.529.374.750.656.....	Tumor Necrosis Factor Ligand Superfamily Member 13
D23.529.374.750.690.....	Tumor Necrosis Factor Ligand Superfamily Member 14
D23.529.374.750.710.....	Tumor Necrosis Factor Ligand Superfamily Member 15
D23.529.382.....	EGF Family of Proteins
D23.529.382.249.....	Amphiregulin
D23.529.382.374.....	Betacellulin
D23.529.382.500.....	Epidermal Growth Factor
D23.529.382.531.....	Epigen
D23.529.382.562.....	Epiregulin
D23.529.382.625.....	Heparin-binding EGF-like Growth Factor
D23.529.382.750.....	Transforming Growth Factor alpha
D23.529.390.....	Endothelial Growth Factors
D23.529.400.....	Endothelins
D23.529.400.225.....	Endothelin-1
D23.529.400.235.....	Endothelin-2
D23.529.400.245.....	Endothelin-3
D23.529.500.....	Ephrins
D23.529.500.100.....	Ephrin-A1
D23.529.500.200.....	Ephrin-A2
D23.529.500.300.....	Ephrin-A3
D23.529.500.400.....	Ephrin-A4
D23.529.500.500.....	Ephrin-A5

## 2018 MeSH Tree Hierarchy

Tree location
D23.529.500.600.....Ephrin-B1
D23.529.500.700.....Ephrin-B2
D23.529.500.800.....Ephrin-B3
D23.529.624.....Fibroblast Growth Factors
D23.529.624.110.....Fibroblast Growth Factor 1
D23.529.624.120.....Fibroblast Growth Factor 2
D23.529.624.130.....Fibroblast Growth Factor 3
D23.529.624.140.....Fibroblast Growth Factor 4
D23.529.624.150.....Fibroblast Growth Factor 5
D23.529.624.160.....Fibroblast Growth Factor 6
D23.529.624.170.....Fibroblast Growth Factor 7
D23.529.624.180.....Fibroblast Growth Factor 8
D23.529.624.190.....Fibroblast Growth Factor 9
D23.529.624.200.....Fibroblast Growth Factor 10
D23.529.671.....Hedgehog Proteins
D23.529.812.....Kinins
D23.529.812.169.....Bradykinin
D23.529.812.169.400.....Kallidin
D23.529.812.654.....Kininogens
D23.529.812.654.350.....Kininogen, High-Molecular-Weight
D23.529.812.654.400.....Kininogen, Low-Molecular-Weight
D23.529.812.900.....Tachykinins
D23.529.812.900.354.....Eleodoisin
D23.529.812.900.475.....Kassinin
D23.529.812.900.500.....Neurokinin A
D23.529.812.900.550.....Neurokinin B
D23.529.812.900.800.....Physalaemin
D23.529.812.900.866.....Substance P
D23.529.850.....Nerve Growth Factors
D23.529.850.100.....Brain-Derived Neurotrophic Factor
D23.529.850.212.....Ciliary Neurotrophic Factor
D23.529.850.325.....Glia Maturation Factor
D23.529.850.381.....Glial Cell Line-Derived Neurotrophic Factors
D23.529.850.381.500.....Glial Cell Line-Derived Neurotrophic Factor
D23.529.850.381.750.....Neurturin
D23.529.850.437.....Nerve Growth Factor
D23.529.850.494.....Netrins
D23.529.850.494.500.....Netrin-1
D23.529.850.550.....Neuregulins
D23.529.850.550.750.....Neuregulin-1
D23.529.850.775.....Neurotrophin 3

## 2018 MeSH Tree Hierarchy

Tree location	
D23.529.850.887.....	Pituitary Adenylate Cyclase-Activating Polypeptide
D23.529.890.....	Parathyroid Hormone-Related Protein
D23.529.910.....	Platelet-Derived Growth Factor
D23.529.910.650.....	Proto-Oncogene Proteins c-sis
D23.529.923.....	Semaphorins
D23.529.923.374.....	Semaphorin-3A
D23.529.930.....	Serrate-Jagged Proteins
D23.529.930.500.....	Jagged-1 Protein
D23.529.930.750.....	Jagged-2 Protein
D23.529.937.....	Somatomedins
D23.529.937.400.....	Insulin-Like Growth Factor I
D23.529.937.420.....	Insulin-Like Growth Factor II
D23.529.942.....	TGF-beta Superfamily Proteins
D23.529.942.200.....	Bone Morphogenetic Proteins
D23.529.942.200.100.....	Bone Morphogenetic Protein 1
D23.529.942.200.200.....	Bone Morphogenetic Protein 2
D23.529.942.200.300.....	Bone Morphogenetic Protein 3
D23.529.942.200.400.....	Bone Morphogenetic Protein 4
D23.529.942.200.500.....	Bone Morphogenetic Protein 5
D23.529.942.200.600.....	Bone Morphogenetic Protein 6
D23.529.942.200.700.....	Bone Morphogenetic Protein 7
D23.529.942.200.900.....	Bone Morphogenetic Protein 15
D23.529.942.200.910.....	Growth Differentiation Factor 2
D23.529.942.200.950.....	Growth Differentiation Factor 10
D23.529.942.300.....	Growth Differentiation Factors
D23.529.942.300.049.....	Bone Morphogenetic Protein 15
D23.529.942.300.100.....	Growth Differentiation Factor 1
D23.529.942.300.200.....	Growth Differentiation Factor 2
D23.529.942.300.300.....	Growth Differentiation Factor 3
D23.529.942.300.500.....	Growth Differentiation Factor 5
D23.529.942.300.600.....	Growth Differentiation Factor 6
D23.529.942.300.800.....	Growth Differentiation Factor 9
D23.529.942.300.900.....	Growth Differentiation Factor 10
D23.529.942.300.915.....	Growth Differentiation Factor 15
D23.529.942.300.925.....	Myostatin
D23.529.942.550.....	Nodal Signaling Ligands
D23.529.942.550.100.....	Growth Differentiation Factor 1
D23.529.942.550.300.....	Growth Differentiation Factor 3
D23.529.942.550.475.....	Left-Right Determination Factors
D23.529.942.550.650.....	Nodal Protein
D23.529.942.775.....	Transforming Growth Factor beta

## 2018 MeSH Tree Hierarchy

Tree location	
D23.529.942.775.100.....	Transforming Growth Factor beta1
D23.529.942.775.200.....	Transforming Growth Factor beta2
D23.529.942.775.300.....	Transforming Growth Factor beta3
D23.529.948.....	Tolloid-Like Metalloproteinases
D23.529.948.500.....	Bone Morphogenetic Protein 1
D23.529.960.....	Transforming Growth Factors
D23.529.960.360.....	Transforming Growth Factor alpha
D23.529.984.....	Wnt Proteins
D23.529.984.050.....	Wnt-5a Protein
D23.529.984.100.....	Wnt1 Protein
D23.529.984.200.....	Wnt2 Protein
D23.529.984.300.....	Wnt3 Protein
D23.529.984.350.....	Wnt3A Protein
D23.529.984.400.....	Wnt4 Protein
D23.585.....	Pathogen-Associated Molecular Pattern Molecules
D23.641.....	Pheromones
D23.641.200.....	Mating Factor
D23.641.399.....	Pheromones, Human
D23.641.800.....	Sex Attractants
D23.704.....	Phytochemicals
D23.704.500.....	Phytosterols
D23.704.500.071.....	Brassinosteroids
D23.704.500.143.....	Ecdysteroids
D23.704.500.669.....	Sitosterols
D23.704.500.808.....	Stigmasterol
D23.704.500.904.....	Withanolides
D23.767.....	Pigments, Biological
D23.767.061.....	Adrenochrome
D23.767.124.....	Anthocyanins
D23.767.193.....	Bile Pigments
D23.767.193.184.....	Bilirubin
D23.767.193.184.200.....	Biliverdine
D23.767.193.727.....	Urobilin
D23.767.193.852.....	Urobilinogen
D23.767.261.....	Carotenoids
D23.767.261.050.....	beta Carotene
D23.767.261.700.....	Retinoids
D23.767.261.700.050.....	Acitretin
D23.767.261.700.250.....	Etretinate
D23.767.261.700.270.....	Fenretinide
D23.767.261.700.325.....	Isotretinoin

## 2018 MeSH Tree Hierarchy

Tree location	
D23.767.261.700.690.....	Retinaldehyde
D23.767.261.700.780.....	Tretinoin
D23.767.261.700.860.....	Vitamin A
D23.767.261.887.....	Xanthophylls
D23.767.261.887.249.....	Canthaxanthin
D23.767.261.887.374.....	Cryptoxanthins
D23.767.261.887.374.500.....	Beta-Cryptoxanthin
D23.767.261.887.500.....	Lutein
D23.767.261.887.625.....	Macular Pigment
D23.767.261.887.750.....	Zeaxanthins
D23.767.261.925.....	zeta Carotene
D23.767.300.....	Ceroid
D23.767.405.....	Flavins
D23.767.405.650.....	Riboflavin
D23.767.405.650.249.....	Flavin-Adenine Dinucleotide
D23.767.405.650.500.....	Flavin Mononucleotide
D23.767.482.....	Hemocyanins
D23.767.550.....	Lipofuscin
D23.767.620.....	Melanins
D23.767.690.....	Phycocyanin
D23.767.705.....	Phycoerythrin
D23.767.712.....	Phytochrome
D23.767.712.249.....	Phytochrome A
D23.767.712.500.....	Phytochrome B
D23.767.727.....	Porphyrins
D23.767.727.250.....	Coproporphyrins
D23.767.727.280.....	Deuteroporphyrins
D23.767.727.340.....	Etioporphyrins
D23.767.727.462.....	Hematoporphyrins
D23.767.727.462.400.....	Hematoporphyrin Derivative
D23.767.727.462.400.200.....	Dihematoporphyrin Ether
D23.767.727.620.....	Mesoporphyrins
D23.767.727.640.....	Metalloporphyrins
D23.767.727.640.220.....	Chlorophyll
D23.767.727.640.220.100.....	Bacteriochlorophylls
D23.767.727.640.220.180.....	Chlorophyllides
D23.767.727.640.220.453.....	Pheophytins
D23.767.727.640.220.725.....	Protochlorophyllide
D23.767.727.640.587.....	Heme
D23.767.727.640.587.462.....	Hemin
D23.767.727.725.....	Protoporphyrins

## 2018 MeSH Tree Hierarchy

Tree location
D23.767.727.880.....Uroporphyrins
D23.767.778.....Prodigiosin
D23.767.831.....Pterins
D23.767.831.742.....Xanthopterin
D23.767.860.....Pyocyanine
D23.767.930.....Retinal Pigments
D23.767.930.750.....Opsins
D23.767.930.750.249.....Cone Opsins
D23.767.930.750.500.....Rod Opsins
D23.767.930.750.500.500.....Rhodopsin
D23.946.....Toxins, Biological
D23.946.123.....Bacterial Toxins
D23.946.123.179.....Botulinum Toxins
D23.946.123.179.050.....Botulinum Toxins, Type A
D23.946.123.194.....Cholera Toxin
D23.946.123.208.....Cord Factors
D23.946.123.305.....Diphtheria Toxin
D23.946.123.329.....Endotoxins
D23.946.123.329.500.....Lipopolysaccharides
D23.946.123.329.500.500.....Lipid A
D23.946.123.329.500.600.....O Antigens
D23.946.123.353.....Exfoliatins
D23.946.123.794.....Shiga Toxins
D23.946.123.794.095.....Shiga Toxin
D23.946.123.794.100.....Shiga Toxin 1
D23.946.123.794.124.....Shiga Toxin 2
D23.946.123.868.....Streptolysins
D23.946.123.893.....Tetanus Toxin
D23.946.123.946.....Virulence Factors, Bordetella
D23.946.123.946.040.....Adenylate Cyclase Toxin
D23.946.123.946.690.....Pertussis Toxin
D23.946.330.....Enterotoxins
D23.946.330.150.....Cholera Toxin
D23.946.330.575.....Shiga Toxins
D23.946.330.575.100.....Shiga Toxin
D23.946.330.575.120.....Shiga Toxin 1
D23.946.330.575.124.....Shiga Toxin 2
D23.946.350.....Exotoxins
D23.946.350.500.....Exfoliatins
D23.946.350.750.....Streptolysins
D23.946.412.....Hypoglycins



## 2018 MeSH Tree Hierarchy

Tree location	
D23.946.580.....	Marine Toxins
D23.946.580.160.....	Ciguatoxins
D23.946.580.230.....	Cnidarian Venoms
D23.946.580.370.....	Fish Venoms
D23.946.580.450.....	Holothurin
D23.946.580.565.....	Lyngbya Toxins
D23.946.580.590.....	Mollusk Venoms
D23.946.580.590.162.....	Conotoxins
D23.946.580.590.162.720.....	omega-Conotoxins
D23.946.580.590.162.720.700.....	omega-Conotoxin GVIA
D23.946.580.590.325.....	Eledoisin
D23.946.580.830.....	Saxitoxin
D23.946.580.910.....	Tetrodotoxin
D23.946.587.....	Mycotoxins
D23.946.587.142.....	Aflatoxins
D23.946.587.142.075.....	Aflatoxin B1
D23.946.587.142.100.....	Aflatoxin M1
D23.946.587.175.....	Amanitins
D23.946.587.175.111.....	Alpha-Amanitin
D23.946.587.272.....	Citrinin
D23.946.587.370.....	Cytochalasins
D23.946.587.370.370.....	Cytochalasin B
D23.946.587.370.450.....	Cytochalasin D
D23.946.587.385.....	Fumonisin
D23.946.587.401.....	Glitoxin
D23.946.587.475.....	Ibotenic Acid
D23.946.587.531.....	Killer Factors, Yeast
D23.946.587.587.....	Muscimol
D23.946.587.697.....	Ochratoxins
D23.946.587.725.....	Patulin
D23.946.587.735.....	Penicillic Acid
D23.946.587.755.....	Phalloidine
D23.946.587.800.....	Sporidesmins
D23.946.587.850.....	Sterigmatocystin
D23.946.587.915.....	Tenuazonic Acid
D23.946.587.933.....	Trichothecenes
D23.946.587.933.870.....	T-2 Toxin
D23.946.587.933.900.....	Trichodermin
D23.946.587.989.....	Zearalenone
D23.946.833.....	Venoms
D23.946.833.033.....	Amphibian Venoms

## 2018 MeSH Tree Hierarchy

Tree location	
D23.946.833.033.112.....	Batrachotoxins
D23.946.833.033.137.....	Bombesin
D23.946.833.033.163.....	Bufotenin
D23.946.833.033.728.....	Physalaemin
D23.946.833.065.....	Arthropod Venoms
D23.946.833.065.055.....	Ant Venoms
D23.946.833.065.115.....	Bee Venoms
D23.946.833.065.115.060.....	Apamin
D23.946.833.065.115.580.....	Melitten
D23.946.833.065.830.....	Scorpion Venoms
D23.946.833.065.830.150.....	Charybdotoxin
D23.946.833.065.870.....	Spider Venoms
D23.946.833.065.870.324.....	Agatoxins
D23.946.833.065.870.324.500.....	omega-Agatoxin IVA
D23.946.833.065.970.....	Wasp Venoms
D23.946.833.230.....	Cnidarian Venoms
D23.946.833.370.....	Fish Venoms
D23.946.833.590.....	Mollusk Venoms
D23.946.833.590.162.....	Conotoxins
D23.946.833.590.162.720.....	omega-Conotoxins
D23.946.833.590.162.720.700.....	omega-Conotoxin GVIA
D23.946.833.590.325.....	Eledoisin
D23.946.833.850.....	Snake Venoms
D23.946.833.850.325.....	Elapid Venoms
D23.946.833.850.325.139.....	Bungarotoxins
D23.946.833.850.325.180.....	Cobra Cardiotoxin Proteins
D23.946.833.850.325.200.....	Cobra Neurotoxin Proteins
D23.946.833.850.960.....	Viper Venoms
D23.946.833.850.960.200.....	Crotalid Venoms
D23.946.833.850.960.200.050.....	Ancrod
D23.946.833.850.960.200.105.....	Batroxobin
D23.946.833.850.960.200.210.....	Crotoxin
D23.946.896.....	Virulence Factors
D23.946.896.490.....	Transcription Activator-Like Effectors
D23.946.896.980.....	Virulence Factors, Bordetella
D23.946.896.980.040.....	Adenylate Cyclase Toxin
D23.946.896.980.690.....	Pertussis Toxin
D25.....	Biomedical and Dental Materials
D25.058.....	Alloys
D25.058.224.....	Chromium Alloys
D25.058.224.735.....	Vitallium

## 2018 MeSH Tree Hierarchy

Tree location
D25.058.451.....Gold Alloys
D25.058.520.....Metal Ceramic Alloys
D25.058.520.250.....Cermets Cements
D25.058.807.....Steel
D25.058.807.681.....Stainless Steel
D25.130.....Biocompatible Materials
D25.130.325.....Bone Substitutes
D25.130.420.....Coated Materials, Biocompatible
D25.130.650.....Polydioxanone
D25.187.....Cariogenic Agents
D25.223.....Cariostatic Agents
D25.223.015.....Acidulated Phosphate Fluoride
D25.223.432.....Fluorides, Topical
D25.223.716.....Sodium Fluoride
D25.223.800.....Tin Fluorides
D25.339.....Dental Materials
D25.339.208.....Dental Alloys
D25.339.208.224.....Chromium Alloys
D25.339.208.224.959.....Vitallium
D25.339.208.291.....Dental Amalgam
D25.339.208.534.....Gold Alloys
D25.339.208.720.....Metal Ceramic Alloys
D25.339.208.720.250.....Cermets Cements
D25.339.250.....Dental Casting Investment
D25.339.291.....Dental Cements
D25.339.291.150.....Compomers
D25.339.291.300.....Dentin-Bonding Agents
D25.339.291.300.500.....Silorane Resins
D25.339.291.402.....Glass Ionomer Cements
D25.339.291.402.120.....Cermets Cements
D25.339.291.551.....Organically Modified Ceramics
D25.339.291.700.....Polycarboxylate Cement
D25.339.291.750.....Resin Cements
D25.339.291.800.....Silicate Cement
D25.339.291.925.....Zinc Oxide-Eugenol Cement
D25.339.291.950.....Zinc Phosphate Cement
D25.339.312.....Dental Implants
D25.339.334.....Dental Impression Materials
D25.339.334.574.....Inlay Casting Wax
D25.339.376.....Dental Porcelain
D25.339.574.....Photoinitiators, Dental

## 2018 MeSH Tree Hierarchy

Tree location	
D25.339.773.....	Pit and Fissure Sealants
D25.339.788.....	Pulp Capping and Pulpectomy Agents
D25.339.816.....	Resins, Synthetic
D25.339.816.500.....	Composite Resins
D25.339.816.500.200.....	Bisphenol A-Glycidyl Methacrylate
D25.339.816.500.300.....	Compomers
D25.339.859.....	Root Canal Filling Materials
D25.339.859.495.....	Gutta-Percha
D25.376.....	Dentifrices
D25.376.262.....	Denture Cleansers
D25.376.711.....	Toothpastes
D25.479.....	Membranes, Artificial
D25.479.517.....	Liposomes
D25.479.517.500.....	Unilamellar Liposomes
D25.479.900.....	Virosomes
D25.583.....	Mouthwashes
D25.583.820.....	Saliva, Artificial
D25.651.....	Pharmaceutical Preparations, Dental
D25.720.....	Polymers
D25.720.099.....	Biopolymers
D25.720.099.500.....	Cellulose
D25.720.099.500.252.....	Cellophane
D25.720.099.500.439.....	Collodion
D25.720.099.500.719.....	Hypromellose Derivatives
D25.720.099.625.....	Latex
D25.720.099.687.....	Lignin
D25.720.099.718.....	Plant Mucilage
D25.720.099.750.....	Rubber
D25.720.099.750.500.....	Latex
D25.720.200.....	Colestipol
D25.720.259.....	Cyanoacrylates
D25.720.259.341.....	Enbucrilate
D25.720.259.341.110.....	Bucrylate
D25.720.327.....	Elastomers
D25.720.327.390.....	Neoprene
D25.720.327.782.....	Polyurethanes
D25.720.327.811.....	Polyvinyl Chloride
D25.720.327.840.....	Rubber
D25.720.327.840.119.....	Gutta-Percha
D25.720.327.840.239.....	Latex
D25.720.327.900.....	Silicone Elastomers

## 2018 MeSH Tree Hierarchy

Tree location	
D25.720.395.....	Fluorocarbon Polymers
D25.720.395.616.....	Polytetrafluoroethylene
D25.720.395.616.755.....	Proplast
D25.720.470.....	Hexadimethrine Bromide
D25.720.593.....	Organically Modified Ceramics
D25.720.716.....	Plastics
D25.720.716.195.....	Biodegradable Plastics
D25.720.716.392.....	Nylons
D25.720.716.507.....	Polyethylenes
D25.720.716.507.500.....	Polyethylene
D25.720.716.507.600.....	Polyethyleneimine
D25.720.716.550.....	Polypropylenes
D25.720.716.579.....	Polystyrenes
D25.720.716.579.159.....	Cholestyramine Resin
D25.720.716.650.....	Polyurethanes
D25.720.716.721.....	Polyvinyls
D25.720.716.721.616.....	Polyvinyl Alcohol
D25.720.716.721.812.....	Polyvinyl Chloride
D25.720.716.721.838.....	Povidone
D25.720.716.721.838.745.....	Povidone-Iodine
D25.720.716.822.....	Resins, Synthetic
D25.720.716.822.111.....	Acrylic Resins
D25.720.716.822.111.650.....	Polymethacrylic Acids
D25.720.716.822.111.650.605.....	Methylmethacrylates
D25.720.716.822.111.650.605.450.....	Methylmethacrylate
D25.720.716.822.111.650.605.500.....	Polymethyl Methacrylate
D25.720.716.822.111.650.750.....	Polyhydroxyethyl Methacrylate
D25.720.716.822.300.....	Bone Cements
D25.720.716.822.308.....	Composite Resins
D25.720.716.822.308.200.....	Bisphenol A-Glycidyl Methacrylate
D25.720.716.822.308.300.....	Compomers
D25.720.716.822.461.....	Epoxy Resins
D25.720.716.822.730.....	Resin Cements
D25.720.722.....	Polyanetholesulfonate
D25.720.728.....	Polyesters
D25.720.728.700.....	Polydioxanone
D25.720.728.764.....	Polyethylene Terephthalates
D25.720.728.772.....	Polyglactin 910
D25.720.728.780.....	Polyglycolic Acid
D25.720.741.....	Polyethylene Glycols
D25.720.741.250.....	Cetomacrogol

## 2018 MeSH Tree Hierarchy

Tree location	
D25.720.741.485.....	Hydrogel, Polyethylene Glycol Dimethacrylate
D25.720.741.575.....	Nonoxynol
D25.720.741.610.....	Octoxynol
D25.720.741.650.....	Poloxalene
D25.720.741.667.....	Poloxamer
D25.720.741.685.....	Polyhydroxyethyl Methacrylate
D25.720.741.700.....	Polysorbates
D25.720.780.....	Polygeline
D25.720.795.....	Polyphlorethin Phosphate
D25.720.830.....	Pyran Copolymer
D25.720.900.....	Siloxanes
D25.720.900.850.....	Silicones
D25.720.900.850.150.....	Dimethylpolysiloxanes
D25.720.900.850.150.750.....	Simethicone
D25.720.900.850.900.....	Silicone Elastomers
D25.720.900.850.905.....	Silicone Gels
D25.720.900.850.950.....	Silicone Oils
D25.800.....	Root Canal Irrigants
D25.919.....	Tissue Adhesives
D25.919.367.....	Cyanoacrylates
D25.919.367.341.....	Enbucrilate
D25.919.367.341.110.....	Bucrylate
D26.....	Pharmaceutical Preparations
D26.049.....	Controlled Substances
D26.074.....	Cosmeceuticals
D26.099.....	Counterfeit Drugs
D26.200.....	Designer Drugs
D26.255.....	Dosage Forms
D26.255.075.....	Abuse-Deterrent Formulations
D26.255.150.....	Capsules
D26.255.165.....	Colloids
D26.255.165.055.....	Aerosols
D26.255.165.055.055.....	Aerosol Propellants
D26.255.165.055.291.....	Nasal Sprays
D26.255.165.055.527.....	Oral Sprays
D26.255.165.260.....	Emulsions
D26.255.165.260.270.....	Fat Emulsions, Intravenous
D26.255.165.320.....	Gels
D26.255.165.320.375.....	Hydrogels
D26.255.165.320.375.187.....	Cryogels
D26.255.165.320.375.375.....	Hydrogel, Polyethylene Glycol Dimethacrylate

## 2018 MeSH Tree Hierarchy

Tree location
D26.255.165.320.687.....Silica Gel
D26.255.165.810.....Suspensions
D26.255.210.....Delayed-Action Preparations
D26.255.210.315.....Drug Implants
D26.255.210.860.....Tablets, Enteric-Coated
D26.255.260.....Drug Carriers
D26.255.260.517.....Liposomes
D26.255.260.575.....Nanocapsules
D26.255.260.600.....Nanoconjugates
D26.255.260.900.....Virosomes
D26.255.480.....Liniments
D26.255.560.....Micelles
D26.255.640.....Ointments
D26.255.779.....Powders
D26.255.785.....Suppositories
D26.255.830.....Tablets
D26.255.830.860.....Tablets, Enteric-Coated
D26.255.955.....Vaginal Creams, Foams, and Jellies
D26.310.....Drug Combinations
D26.310.032.....Adapalene, Benzoyl Peroxide Drug Combination
D26.310.048.....Aminophylline
D26.310.063.....Amlodipine Besylate, Olmesartan Medoxomil Drug Combination
D26.310.094.....Amlodipine, Valsartan Drug Combination
D26.310.125.....Aspirin, Dipyridamole Drug Combination
D26.310.249.....Biphasic Insulins
D26.310.312.....Brimonidine Tartrate, Timolol Maleate Drug Combination
D26.310.344.....Albuterol, Ipratropium Drug Combination
D26.310.348.....Budesonide, Formoterol Fumarate Drug Combination
D26.310.352.....Buprenorphine, Naloxone Drug Combination
D26.310.360.....Contraceptives, Oral, Combined
D26.310.368.....Dimenhydrinate
D26.310.375.....Efavirenz, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D26.310.391.....Elvitegravir, Cobicistat, Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D26.310.407.....Emtricitabine, Rilpivirine, Tenofovir Drug Combination
D26.310.423.....Emtricitabine, Tenofovir Disoproxil Fumarate Drug Combination
D26.310.431.....Ezetimibe, Simvastatin Drug Combination
D26.310.438.....Fluticasone-Salmeterol Drug Combination
D26.310.469.....Mometasone Furoate, Formoterol Fumarate Drug Combination
D26.310.500.....Multi-Ingredient Cold, Flu, and Allergy Medications
D26.310.750.....Sitagliptin Phosphate, Metformin Hydrochloride Drug Combination
D26.310.875.....Trimethoprim, Sulfamethoxazole Drug Combination

## 2018 MeSH Tree Hierarchy

Tree location
D26.335.....Drugs, Chinese Herbal
D26.355.....Drugs, Essential
D26.360.....Drugs, Generic
D26.371.....Drugs, Investigational
D26.526.....Materia Medica
D26.528.....Medical Marijuana
D26.530.....Nonprescription Drugs
D26.530.500.....Behind-the-Counter Drugs
D26.593.....Nostrums
D26.650.....Pharmaceutic Aids
D26.650.064.....Adjuvants, Pharmaceutic
D26.650.179.....Aversive Agents
D26.650.294.....Flavoring Agents
D26.650.523.....Ointment Bases
D26.650.700.....Pharmaceutical Vehicles
D26.650.700.419.....Excipients
D26.650.702.....Preservatives, Pharmaceutical
D26.655.....Pharmaceutical Preparations, Dental
D26.660.....Placebos
D26.667.....Plant Extracts
D26.667.249.....Flower Essences
D26.667.500.....Grape Seed Extract
D26.670.....Prescription Drugs
D26.675.....Prodrugs
D26.776.....Solutions
D26.776.210.....Contact Lens Solutions
D26.776.314.....Hypertonic Solutions
D26.776.314.420.....Glucose Solution, Hypertonic
D26.776.314.890.....Saline Solution, Hypertonic
D26.776.399.....Hypotonic Solutions
D26.776.498.....Isotonic Solutions
D26.776.675.....Organ Preservation Solutions
D26.776.708.....Pharmaceutical Solutions
D26.776.708.160.....Cardioplegic Solutions
D26.776.708.322.....Dialysis Solutions
D26.776.708.322.651.....Hemodialysis Solutions
D26.776.708.645.....Ophthalmic Solutions
D26.776.708.645.500.....Lubricant Eye Drops
D26.776.708.733.....Parenteral Nutrition Solutions
D26.776.708.733.500.....Fat Emulsions, Intravenous
D26.776.708.822.....Sclerosing Solutions



## 2018 MeSH Tree Hierarchy

Tree location
D26.776.741.....Rehydration Solutions
D26.878.....Street Drugs
D26.878.250.....Crack Cocaine
D26.939.....Veterinary Drugs
D26.969.....Xenobiotics
D27.....Chemical Actions and Uses
D27.505.....Pharmacologic Actions
D27.505.259.....Diagnostic Uses of Chemicals
D27.505.259.500.....Contrast Media
D27.505.259.750.....Molecular Probes
D27.505.259.750.600.....Nucleic Acid Probes
D27.505.259.750.600.223.....DNA Probes
D27.505.259.750.600.223.615.....DNA Probes, HLA
D27.505.259.750.600.223.620.....DNA Probes, HPV
D27.505.259.750.600.650.....Oligonucleotide Probes
D27.505.259.750.600.825.....RNA Probes
D27.505.259.812.....Neuronal Tract-Tracers
D27.505.259.843.....Radiopharmaceuticals
D27.505.259.875.....Reagent Kits, Diagnostic
D27.505.259.875.680.....Reagent Strips
D27.505.389.....Metabolic Side Effects of Drugs and Substances
D27.505.389.249.....Cytochrome P-450 Enzyme Inducers
D27.505.389.249.120.....Cytochrome P-450 CYP1A2 Inducers
D27.505.389.249.260.....Cytochrome P-450 CYP2B6 Inducers
D27.505.389.249.308.....Cytochrome P-450 CYP2C8 Inducers
D27.505.389.249.320.....Cytochrome P-450 CYP2C9 Inducers
D27.505.389.249.350.....Cytochrome P-450 CYP2C19 Inducers
D27.505.389.249.500.....Cytochrome P-450 CYP2D6 Inducers
D27.505.389.249.600.....Cytochrome P-450 CYP2E1 Inducers
D27.505.389.249.700.....Cytochrome P-450 CYP3A Inducers
D27.505.389.500.....Cytochrome P-450 Enzyme Inhibitors
D27.505.389.500.059.....14-alpha Demethylase Inhibitors
D27.505.389.500.120.....Cytochrome P-450 CYP1A2 Inhibitors
D27.505.389.500.260.....Cytochrome P-450 CYP2B6 Inhibitors
D27.505.389.500.308.....Cytochrome P-450 CYP2C8 Inhibitors
D27.505.389.500.315.....Cytochrome P-450 CYP2C9 Inhibitors
D27.505.389.500.319.....Cytochrome P-450 CYP2C19 Inhibitors
D27.505.389.500.368.....Cytochrome P-450 CYP2D6 Inhibitors
D27.505.389.500.421.....Cytochrome P-450 CYP2E1 Inhibitors
D27.505.389.500.503.....Cytochrome P-450 CYP3A Inhibitors
D27.505.519.....Molecular Mechanisms of Pharmacological Action

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.124.....Alkylating Agents
D27.505.519.124.035.....Antineoplastic Agents, Alkylating
D27.505.519.143.....Amylin Receptor Agonists
D27.505.519.162.....Angiotensin Receptor Antagonists
D27.505.519.162.500.....Angiotensin II Type 1 Receptor Blockers
D27.505.519.162.750.....Angiotensin II Type 2 Receptor Blockers
D27.505.519.170.....Antacids
D27.505.519.174.....Antidiuretic Hormone Receptor Antagonists
D27.505.519.178.....Antifoaming Agents
D27.505.519.186.....Antimetabolites
D27.505.519.186.071.....Hypolipidemic Agents
D27.505.519.186.071.202.....Anticholesteremic Agents
D27.505.519.186.071.202.370.....Hydroxymethylglutaryl-CoA Reductase Inhibitors
D27.505.519.186.071.401.....Fatty Acid Synthesis Inhibitors
D27.505.519.186.071.601.....Lipotropic Agents
D27.505.519.186.144.....Antimetabolites, Antineoplastic
D27.505.519.217.....Antioxidants
D27.505.519.217.500.....Free Radical Scavengers
D27.505.519.241.....Aversive Agents
D27.505.519.265.....Bradykinin Receptor Antagonists
D27.505.519.265.249.....Bradykinin B1 Receptor Antagonists
D27.505.519.265.500.....Bradykinin B2 Receptor Antagonists
D27.505.519.275.....CCR5 Receptor Antagonists
D27.505.519.295.....Cerumenolytic Agents
D27.505.519.334.....Cystine Depleting Agents
D27.505.519.349.....Cytochrome P-450 Enzyme Inducers
D27.505.519.349.120.....Cytochrome P-450 CYP1A2 Inducers
D27.505.519.349.260.....Cytochrome P-450 CYP2B6 Inducers
D27.505.519.349.308.....Cytochrome P-450 CYP2C8 Inducers
D27.505.519.349.320.....Cytochrome P-450 CYP2C9 Inducers
D27.505.519.349.350.....Cytochrome P-450 CYP2C19 Inducers
D27.505.519.349.500.....Cytochrome P-450 CYP2D6 Inducers
D27.505.519.349.600.....Cytochrome P-450 CYP2E1 Inducers
D27.505.519.349.700.....Cytochrome P-450 CYP3A Inducers
D27.505.519.364.....Endothelin Receptor Antagonists
D27.505.519.364.500.....Endothelin A Receptor Antagonists
D27.505.519.364.750.....Endothelin B Receptor Antagonists
D27.505.519.374.....Enzyme Activators
D27.505.519.374.099.....Carbamoyl Phosphate Synthetase I Activators
D27.505.519.374.200.....GTP Phosphohydrolase Activators
D27.505.519.374.400.....Guanylyl Cyclase C Agonists

## 2018 MeSH Tree Hierarchy

Tree location	
D27.505.519.374.600.....	Lipoprotein Lipase Activators
D27.505.519.389.....	Enzyme Inhibitors
D27.505.519.389.086.....	5-Lipoxygenase-Activating Protein Inhibitors
D27.505.519.389.089.....	Acetaldehyde Dehydrogenase Inhibitors
D27.505.519.389.092.....	Adenosine Deaminase Inhibitors
D27.505.519.389.108.....	Adenylyl Cyclase Inhibitors
D27.505.519.389.124.....	Aromatic Amino Acid Decarboxylase Inhibitors
D27.505.519.389.174.....	Calcineurin Inhibitors
D27.505.519.389.200.....	Carbonic Anhydrase Inhibitors
D27.505.519.389.237.....	Catechol O-Methyltransferase Inhibitors
D27.505.519.389.275.....	Cholinesterase Inhibitors
D27.505.519.389.310.....	Cyclooxygenase Inhibitors
D27.505.519.389.310.500.....	Cyclooxygenase 2 Inhibitors
D27.505.519.389.320.....	Glycoside Hydrolase Inhibitors
D27.505.519.389.335.....	Cytochrome P-450 Enzyme Inhibitors
D27.505.519.389.335.059.....	14-alpha Demethylase Inhibitors
D27.505.519.389.335.120.....	Cytochrome P-450 CYP1A2 Inhibitors
D27.505.519.389.335.260.....	Cytochrome P-450 CYP2B6 Inhibitors
D27.505.519.389.335.308.....	Cytochrome P-450 CYP2C8 Inhibitors
D27.505.519.389.335.319.....	Cytochrome P-450 CYP2C19 Inhibitors
D27.505.519.389.335.329.....	Cytochrome P-450 CYP2C9 Inhibitors
D27.505.519.389.335.368.....	Cytochrome P-450 CYP2D6 Inhibitors
D27.505.519.389.335.421.....	Cytochrome P-450 CYP2E1 Inhibitors
D27.505.519.389.335.503.....	Cytochrome P-450 CYP3A Inhibitors
D27.505.519.389.350.....	Folic Acid Antagonists
D27.505.519.389.360.....	Histone Deacetylase Inhibitors
D27.505.519.389.370.....	Hydroxymethylglutaryl-CoA Reductase Inhibitors
D27.505.519.389.375.....	Integrase Inhibitors
D27.505.519.389.375.400.....	HIV Integrase Inhibitors
D27.505.519.389.400.....	beta-Lactamase Inhibitors
D27.505.519.389.480.....	Lipoxygenase Inhibitors
D27.505.519.389.616.....	Monoamine Oxidase Inhibitors
D27.505.519.389.675.....	Nucleic Acid Synthesis Inhibitors
D27.505.519.389.675.850.....	Reverse Transcriptase Inhibitors
D27.505.519.389.705.....	Ornithine Decarboxylase Inhibitors
D27.505.519.389.735.....	Phosphodiesterase Inhibitors
D27.505.519.389.735.249.....	Phosphodiesterase 3 Inhibitors
D27.505.519.389.735.374.....	Phosphodiesterase 4 Inhibitors
D27.505.519.389.735.500.....	Phosphodiesterase 5 Inhibitors
D27.505.519.389.737.....	Phospholipase A2 Inhibitors
D27.505.519.389.739.....	Poly(ADP-ribose) Polymerase Inhibitors

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.389.740.....Prolyl-Hydroxylase Inhibitors
D27.505.519.389.745.....Protease Inhibitors
D27.505.519.389.745.085.....Angiotensin-Converting Enzyme Inhibitors
D27.505.519.389.745.085.500.....Vasopeptidase Inhibitors
D27.505.519.389.745.325.....Cysteine Proteinase Inhibitors
D27.505.519.389.745.325.500.....Caspase Inhibitors
D27.505.519.389.745.335.....Dipeptidyl-Peptidase IV Inhibitors
D27.505.519.389.745.420.....HIV Protease Inhibitors
D27.505.519.389.745.610.....Matrix Metalloproteinase Inhibitors
D27.505.519.389.745.705.....Proteasome Inhibitors
D27.505.519.389.745.800.....Serine Proteinase Inhibitors
D27.505.519.389.745.800.449.....Antithrombins
D27.505.519.389.745.800.449.500.....Factor Xa Inhibitors
D27.505.519.389.745.800.562.....Serine Peptidase Inhibitors, Kazal Type
D27.505.519.389.745.800.675.....Serpins
D27.505.519.389.745.800.900.....Trypsin Inhibitors
D27.505.519.389.755.....Protein Kinase Inhibitors
D27.505.519.389.755.500.....Janus Kinase Inhibitors
D27.505.519.389.760.....Protein Synthesis Inhibitors
D27.505.519.389.848.....Proton Pump Inhibitors
D27.505.519.389.870.....Steroid Synthesis Inhibitors
D27.505.519.389.870.100.....14-alpha Demethylase Inhibitors
D27.505.519.389.870.200.....5-alpha Reductase Inhibitors
D27.505.519.389.870.300.....Aromatase Inhibitors
D27.505.519.389.892.....Topoisomerase Inhibitors
D27.505.519.389.892.500.....Topoisomerase I Inhibitors
D27.505.519.389.892.750.....Topoisomerase II Inhibitors
D27.505.519.389.936.....Uncoupling Agents
D27.505.519.389.936.500.....Proton Ionophores
D27.505.519.405.....Enzyme Reactivators
D27.505.519.405.347.....Cholinesterase Reactivators
D27.505.519.421.....Fibrin Modulating Agents
D27.505.519.421.500.....Antifibrinolytic Agents
D27.505.519.421.750.....Fibrinolytic Agents
D27.505.519.452.....Heparin Antagonists
D27.505.519.562.....Membrane Transport Modulators
D27.505.519.562.061.....Acetylcholine Release Inhibitors
D27.505.519.562.124.....Calcium Channel Agonists
D27.505.519.562.249.....Calcium Channel Blockers
D27.505.519.562.311.....Chloride Channel Agonists
D27.505.519.562.374.....Ionophores

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.562.374.100.....Calcium Ionophores
D27.505.519.562.374.400.....Potassium Ionophores
D27.505.519.562.374.500.....Proton Ionophores
D27.505.519.562.374.750.....Sodium Ionophores
D27.505.519.562.437.....Neurotransmitter Uptake Inhibitors
D27.505.519.562.437.050.....Adrenergic Uptake Inhibitors
D27.505.519.562.437.220.....Dopamine Uptake Inhibitors
D27.505.519.562.437.535.....GABA Uptake Inhibitors
D27.505.519.562.437.693.....Serotonin and Noradrenaline Reuptake Inhibitors
D27.505.519.562.437.850.....Serotonin Uptake Inhibitors
D27.505.519.562.500.....Potassium Channel Blockers
D27.505.519.562.625.....Sodium Channel Agonists
D27.505.519.562.625.249.....Epithelial Sodium Channel Agonists
D27.505.519.562.625.500.....Voltage-Gated Sodium Channel Agonists
D27.505.519.562.750.....Sodium Channel Blockers
D27.505.519.562.750.100.....Acid Sensing Ion Channel Blockers
D27.505.519.562.750.374.....Epithelial Sodium Channel Blockers
D27.505.519.562.750.500.....Voltage-Gated Sodium Channel Blockers
D27.505.519.562.812.....Sodium Chloride Symporter Inhibitors
D27.505.519.562.906.....Sodium Potassium Chloride Symporter Inhibitors
D27.505.519.593.....Mitosis Modulators
D27.505.519.593.249.....Antimitotic Agents
D27.505.519.593.249.500.....Tubulin Modulators
D27.505.519.593.624.....Mitogens
D27.505.519.625.....Neurotransmitter Agents
D27.505.519.625.050.....Adrenergic Agents
D27.505.519.625.050.100.....Adrenergic Agonists
D27.505.519.625.050.100.100.....Adrenergic alpha-Agonists
D27.505.519.625.050.100.100.100.....Adrenergic alpha-1 Receptor Agonists
D27.505.519.625.050.100.100.200.....Adrenergic alpha-2 Receptor Agonists
D27.505.519.625.050.100.200.....Adrenergic beta-Agonists
D27.505.519.625.050.100.200.100.....Adrenergic beta-1 Receptor Agonists
D27.505.519.625.050.100.200.200.....Adrenergic beta-2 Receptor Agonists
D27.505.519.625.050.100.200.300.....Adrenergic beta-3 Receptor Agonists
D27.505.519.625.050.200.....Adrenergic Antagonists
D27.505.519.625.050.200.100.....Adrenergic alpha-Antagonists
D27.505.519.625.050.200.100.100.....Adrenergic alpha-1 Receptor Antagonists
D27.505.519.625.050.200.100.200.....Adrenergic alpha-2 Receptor Antagonists
D27.505.519.625.050.200.200.....Adrenergic beta-Antagonists
D27.505.519.625.050.200.200.100.....Adrenergic beta-1 Receptor Antagonists
D27.505.519.625.050.200.200.200.....Adrenergic beta-2 Receptor Antagonists

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.625.050.200.200.300.....Adrenergic beta-3 Receptor Antagonists
D27.505.519.625.050.601.....Adrenergic Uptake Inhibitors
D27.505.519.625.085.....Cannabinoid Receptor Modulators
D27.505.519.625.085.500.....Cannabinoid Receptor Agonists
D27.505.519.625.085.750.....Cannabinoid Receptor Antagonists
D27.505.519.625.120.....Cholinergic Agents
D27.505.519.625.120.069.....Acetylcholine Release Inhibitors
D27.505.519.625.120.140.....Cholinergic Agonists
D27.505.519.625.120.140.500.....Muscarinic Agonists
D27.505.519.625.120.140.700.....Nicotinic Agonists
D27.505.519.625.120.200.....Cholinergic Antagonists
D27.505.519.625.120.200.500.....Muscarinic Antagonists
D27.505.519.625.120.200.700.....Nicotinic Antagonists
D27.505.519.625.120.300.....Cholinesterase Inhibitors
D27.505.519.625.120.400.....Cholinesterase Reactivators
D27.505.519.625.150.....Dopamine Agents
D27.505.519.625.150.151.....Dopamine Agonists
D27.505.519.625.150.175.....Dopamine Antagonists
D27.505.519.625.150.175.500.....Dopamine D2 Receptor Antagonists
D27.505.519.625.150.800.....Dopamine Uptake Inhibitors
D27.505.519.625.190.....Excitatory Amino Acid Agents
D27.505.519.625.190.200.....Excitatory Amino Acid Agonists
D27.505.519.625.190.300.....Excitatory Amino Acid Antagonists
D27.505.519.625.240.....GABA Agents
D27.505.519.625.240.200.....GABA Agonists
D27.505.519.625.240.200.500.....GABA-A Receptor Agonists
D27.505.519.625.240.200.750.....GABA-B Receptor Agonists
D27.505.519.625.240.300.....GABA Antagonists
D27.505.519.625.240.300.500.....GABA-A Receptor Antagonists
D27.505.519.625.240.300.750.....GABA-B Receptor Antagonists
D27.505.519.625.240.500.....GABA Modulators
D27.505.519.625.240.750.....GABA Uptake Inhibitors
D27.505.519.625.270.....Gasotransmitters
D27.505.519.625.300.....Glycine Agents
D27.505.519.625.375.....Histamine Agents
D27.505.519.625.375.400.....Histamine Agonists
D27.505.519.625.375.425.....Histamine Antagonists
D27.505.519.625.375.425.400.....Histamine H1 Antagonists
D27.505.519.625.375.425.400.500.....Histamine H1 Antagonists, Non-Sedating
D27.505.519.625.375.425.425.....Histamine H2 Antagonists
D27.505.519.625.375.425.712.....Histamine H3 Antagonists

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.625.487.....Neurokinin-1 Receptor Antagonists
D27.505.519.625.600.....Neurotransmitter Uptake Inhibitors
D27.505.519.625.600.050.....Adrenergic Uptake Inhibitors
D27.505.519.625.600.220.....Dopamine Uptake Inhibitors
D27.505.519.625.600.535.....GABA Uptake Inhibitors
D27.505.519.625.600.693.....Serotonin and Noradrenaline Reuptake Inhibitors
D27.505.519.625.600.850.....Serotonin Uptake Inhibitors
D27.505.519.625.663.....Orexin Receptor Antagonists
D27.505.519.625.725.....Purinerbic Agents
D27.505.519.625.725.200.....Purinerbic Agonists
D27.505.519.625.725.200.100.....Purinerbic P1 Receptor Agonists
D27.505.519.625.725.200.100.100.....Adenosine A1 Receptor Agonists
D27.505.519.625.725.200.100.200.....Adenosine A2 Receptor Agonists
D27.505.519.625.725.200.100.300.....Adenosine A3 Receptor Agonists
D27.505.519.625.725.200.200.....Purinerbic P2 Receptor Agonists
D27.505.519.625.725.200.200.100.....Purinerbic P2X Receptor Agonists
D27.505.519.625.725.200.200.200.....Purinerbic P2Y Receptor Agonists
D27.505.519.625.725.400.....Purinerbic Antagonists
D27.505.519.625.725.400.100.....Purinerbic P1 Receptor Antagonists
D27.505.519.625.725.400.100.100.....Adenosine A1 Receptor Antagonists
D27.505.519.625.725.400.100.200.....Adenosine A2 Receptor Antagonists
D27.505.519.625.725.400.100.300.....Adenosine A3 Receptor Antagonists
D27.505.519.625.725.400.200.....Purinerbic P2 Receptor Antagonists
D27.505.519.625.725.400.200.100.....Purinerbic P2X Receptor Antagonists
D27.505.519.625.725.400.200.200.....Purinerbic P2Y Receptor Antagonists
D27.505.519.625.850.....Serotonin Agents
D27.505.519.625.850.800.....Serotonin Receptor Agonists
D27.505.519.625.850.800.100.....Serotonin 5-HT1 Receptor Agonists
D27.505.519.625.850.800.200.....Serotonin 5-HT2 Receptor Agonists
D27.505.519.625.850.800.300.....Serotonin 5-HT3 Receptor Agonists
D27.505.519.625.850.800.400.....Serotonin 5-HT4 Receptor Agonists
D27.505.519.625.850.850.....Serotonin Antagonists
D27.505.519.625.850.850.100.....Serotonin 5-HT1 Receptor Antagonists
D27.505.519.625.850.850.200.....Serotonin 5-HT2 Receptor Antagonists
D27.505.519.625.850.850.300.....Serotonin 5-HT3 Receptor Antagonists
D27.505.519.625.850.850.400.....Serotonin 5-HT4 Receptor Antagonists
D27.505.519.625.850.900.....Serotonin Uptake Inhibitors
D27.505.519.656.....Nitric Oxide Donors
D27.505.519.828.....Peptidomimetics
D27.505.519.871.....Radiopharmaceuticals
D27.505.519.914.....Sequestering Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.519.914.500.....Chelating Agents
D27.505.519.914.500.204.....Calcium Chelating Agents
D27.505.519.914.500.410.....Iron Chelating Agents
D27.505.519.914.500.410.750.....Siderophores
D27.505.519.957.....Viral Fusion Protein Inhibitors
D27.505.519.957.500.....HIV Fusion Inhibitors
D27.505.696.....Physiological Effects of Drugs
D27.505.696.034.....Abuse-Deterrent Formulations
D27.505.696.034.500.....Aversive Agents
D27.505.696.068.....Antipyretics
D27.505.696.138.....Antispermatogetic Agents
D27.505.696.138.379.....Sperm Immobilizing Agents
D27.505.696.138.569.....Spermatocidal Agents
D27.505.696.138.760.....Spermatogenesis-Blocking Agents
D27.505.696.207.....Astringents
D27.505.696.242.....Bone Density Conservation Agents
D27.505.696.277.....Central Nervous System Depressants
D27.505.696.277.100.....Anesthetics
D27.505.696.277.100.017.....Anesthetics, Combined
D27.505.696.277.100.035.....Anesthetics, General
D27.505.696.277.100.035.060.....Anesthetics, Inhalation
D27.505.696.277.100.035.075.....Anesthetics, Intravenous
D27.505.696.277.100.035.075.035.....Anesthetics, Dissociative
D27.505.696.277.100.200.....Anesthetics, Local
D27.505.696.277.350.....Hypnotics and Sedatives
D27.505.696.277.600.....Narcotics
D27.505.696.277.600.500.....Analgesics, Opioid
D27.505.696.277.950.....Tranquilizing Agents
D27.505.696.277.950.015.....Anti-Anxiety Agents
D27.505.696.277.950.025.....Antimanic Agents
D27.505.696.277.950.040.....Antipsychotic Agents
D27.505.696.282.....Central Nervous System Stimulants
D27.505.696.282.045.....Aphrodisiacs
D27.505.696.282.050.....Appetite Stimulants
D27.505.696.282.224.....Convulsants
D27.505.696.305.....Cerumenolytic Agents
D27.505.696.329.....Emetics
D27.505.696.353.....Endocrine Disruptors
D27.505.696.365.....Galactogogues
D27.505.696.377.....Growth Substances
D27.505.696.377.077.....Angiogenesis Modulating Agents



## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.377.077.077.....Angiogenesis Inducing Agents
D27.505.696.377.077.099.....Angiogenesis Inhibitors
D27.505.696.377.450.....Growth Inhibitors
D27.505.696.377.450.100.....Angiogenesis Inhibitors
D27.505.696.377.605.....Micronutrients
D27.505.696.377.605.555.....Trace Elements
D27.505.696.377.605.600.....Vitamins
D27.505.696.377.605.600.354.....Provitamins
D27.505.696.377.605.600.708.....Vitamin B Complex
D27.505.696.377.760.....Plant Growth Regulators
D27.505.696.388.....Hallucinogens
D27.505.696.399.....Hormones, Hormone Substitutes, and Hormone Antagonists
D27.505.696.399.450.....Hormone Antagonists
D27.505.696.399.450.065.....Androgen Antagonists
D27.505.696.399.450.065.249.....Androgen Receptor Antagonists
D27.505.696.399.450.065.500.....Nonsteroidal Anti-Androgens
D27.505.696.399.450.100.....Antithyroid Agents
D27.505.696.399.450.230.....Calcimimetic Agents
D27.505.696.399.450.327.....Estrogen Antagonists
D27.505.696.399.450.327.149.....Aromatase Inhibitors
D27.505.696.399.450.327.650.....Estrogen Receptor Antagonists
D27.505.696.399.450.360.....Estrogen Receptor Modulators
D27.505.696.399.450.360.827.....Selective Estrogen Receptor Modulators
D27.505.696.399.450.420.....Insulin Antagonists
D27.505.696.399.450.565.....Leukotriene Antagonists
D27.505.696.399.450.600.....Mineralocorticoid Receptor Antagonists
D27.505.696.399.450.710.....Prostaglandin Antagonists
D27.505.696.399.450.855.....Steroid Synthesis Inhibitors
D27.505.696.399.450.855.100.....14-alpha Demethylase Inhibitors
D27.505.696.399.450.855.200.....5-alpha Reductase Inhibitors
D27.505.696.399.450.855.300.....Aromatase Inhibitors
D27.505.696.399.472.....Hormones
D27.505.696.399.472.080.....Anabolic Agents
D27.505.696.399.472.161.....Androgens
D27.505.696.399.472.188.....Cannabinoid Receptor Modulators
D27.505.696.399.472.188.500.....Cannabinoid Receptor Agonists
D27.505.696.399.472.188.750.....Cannabinoid Receptor Antagonists
D27.505.696.399.472.277.....Estrogens
D27.505.696.399.472.277.540.....Estrogens, Non-Steroidal
D27.505.696.399.472.277.540.500.....Phytoestrogens
D27.505.696.399.472.488.....Glucocorticoids

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.399.472.580.....Incretins
D27.505.696.399.472.673.....Mineralocorticoids
D27.505.696.399.472.858.....Progestins
D27.505.696.422.....Hypoglycemic Agents
D27.505.696.422.249.....Glycoside Hydrolase Inhibitors
D27.505.696.422.374.....Amylin Receptor Agonists
D27.505.696.422.500.....Dipeptidyl-Peptidase IV Inhibitors
D27.505.696.477.....Immunologic Factors
D27.505.696.477.067.....Adjuvants, Immunologic
D27.505.696.477.136.....Agglutinins
D27.505.696.477.136.377.....Hemagglutinins
D27.505.696.477.656.....Immunosuppressive Agents
D27.505.696.477.656.500.....Complement Inactivating Agents
D27.505.696.477.656.500.500.....Bradykinin B2 Receptor Antagonists
D27.505.696.477.656.750.....Myeloablative Agonists
D27.505.696.477.828.....Interferon Inducers
D27.505.696.510.....Muscle Relaxants, Central
D27.505.696.543.....Narcotic Antagonists
D27.505.696.560.....Natriuretic Agents
D27.505.696.560.249.....Antidiuretic Agents
D27.505.696.560.311.....Antidiuretic Hormone Receptor Antagonists
D27.505.696.560.374.....Antihyperkalemic Agents
D27.505.696.560.500.....Diuretics
D27.505.696.560.500.453.....Diuretics, Osmotic
D27.505.696.560.500.726.....Diuretics, Potassium Sparing
D27.505.696.560.500.726.100.....Epithelial Sodium Channel Blockers
D27.505.696.560.500.726.249.....Mineralocorticoid Receptor Antagonists
D27.505.696.560.500.863.....Sodium Chloride Symporter Inhibitors
D27.505.696.560.500.931.....Sodium Potassium Chloride Symporter Inhibitors
D27.505.696.577.....Neurotransmitter Agents
D27.505.696.577.050.....Adrenergic Agents
D27.505.696.577.050.100.....Adrenergic Agonists
D27.505.696.577.050.100.100.....Adrenergic alpha-Agonists
D27.505.696.577.050.100.100.100.....Adrenergic alpha-1 Receptor Agonists
D27.505.696.577.050.100.100.200.....Adrenergic alpha-2 Receptor Agonists
D27.505.696.577.050.100.200.....Adrenergic beta-Agonists
D27.505.696.577.050.100.200.100.....Adrenergic beta-1 Receptor Agonists
D27.505.696.577.050.100.200.200.....Adrenergic beta-2 Receptor Agonists
D27.505.696.577.050.100.200.300.....Adrenergic beta-3 Receptor Agonists
D27.505.696.577.050.200.....Adrenergic Antagonists
D27.505.696.577.050.200.100.....Adrenergic alpha-Antagonists

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.577.050.200.100.100.....Adrenergic alpha-1 Receptor Antagonists
D27.505.696.577.050.200.100.200.....Adrenergic alpha-2 Receptor Antagonists
D27.505.696.577.050.200.200.....Adrenergic beta-Antagonists
D27.505.696.577.050.200.200.100.....Adrenergic beta-1 Receptor Antagonists
D27.505.696.577.050.200.200.200.....Adrenergic beta-2 Receptor Antagonists
D27.505.696.577.050.200.200.300.....Adrenergic beta-3 Receptor Antagonists
D27.505.696.577.050.601.....Adrenergic Uptake Inhibitors
D27.505.696.577.120.....Cholinergic Agents
D27.505.696.577.120.069.....Acetylcholine Release Inhibitors
D27.505.696.577.120.140.....Cholinergic Agonists
D27.505.696.577.120.140.500.....Muscarinic Agonists
D27.505.696.577.120.140.700.....Nicotinic Agonists
D27.505.696.577.120.200.....Cholinergic Antagonists
D27.505.696.577.120.200.500.....Muscarinic Antagonists
D27.505.696.577.120.200.700.....Nicotinic Antagonists
D27.505.696.577.120.300.....Cholinesterase Inhibitors
D27.505.696.577.120.400.....Cholinesterase Reactivators
D27.505.696.577.150.....Dopamine Agents
D27.505.696.577.150.151.....Dopamine Agonists
D27.505.696.577.150.175.....Dopamine Antagonists
D27.505.696.577.150.175.500.....Dopamine D2 Receptor Antagonists
D27.505.696.577.150.800.....Dopamine Uptake Inhibitors
D27.505.696.577.190.....Excitatory Amino Acid Agents
D27.505.696.577.190.200.....Excitatory Amino Acid Agonists
D27.505.696.577.190.300.....Excitatory Amino Acid Antagonists
D27.505.696.577.240.....GABA Agents
D27.505.696.577.240.200.....GABA Agonists
D27.505.696.577.240.200.500.....GABA-A Receptor Agonists
D27.505.696.577.240.200.750.....GABA-B Receptor Agonists
D27.505.696.577.240.300.....GABA Antagonists
D27.505.696.577.240.300.500.....GABA-A Receptor Antagonists
D27.505.696.577.240.300.750.....GABA-B Receptor Antagonists
D27.505.696.577.240.500.....GABA Modulators
D27.505.696.577.240.750.....GABA Uptake Inhibitors
D27.505.696.577.300.....Glycine Agents
D27.505.696.577.375.....Histamine Agents
D27.505.696.577.375.400.....Histamine Agonists
D27.505.696.577.375.425.....Histamine Antagonists
D27.505.696.577.375.425.400.....Histamine H1 Antagonists
D27.505.696.577.375.425.400.500.....Histamine H1 Antagonists, Non-Sedating
D27.505.696.577.375.425.425.....Histamine H2 Antagonists

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.577.375.425.712.....Histamine H3 Antagonists
D27.505.696.577.487.....Neurokinin-1 Receptor Antagonists
D27.505.696.577.600.....Neurotransmitter Uptake Inhibitors
D27.505.696.577.600.050.....Adrenergic Uptake Inhibitors
D27.505.696.577.600.220.....Dopamine Uptake Inhibitors
D27.505.696.577.600.535.....GABA Uptake Inhibitors
D27.505.696.577.600.693.....Serotonin and Noradrenaline Reuptake Inhibitors
D27.505.696.577.600.850.....Serotonin Uptake Inhibitors
D27.505.696.577.663.....Orexin Receptor Antagonists
D27.505.696.577.725.....Purinerbic Agents
D27.505.696.577.725.200.....Purinerbic Agonists
D27.505.696.577.725.200.100.....Purinerbic P1 Receptor Agonists
D27.505.696.577.725.200.100.100.....Adenosine A1 Receptor Agonists
D27.505.696.577.725.200.100.200.....Adenosine A2 Receptor Agonists
D27.505.696.577.725.200.100.300.....Adenosine A3 Receptor Agonists
D27.505.696.577.725.200.200.....Purinerbic P2 Receptor Agonists
D27.505.696.577.725.200.200.100.....Purinerbic P2X Receptor Agonists
D27.505.696.577.725.200.200.200.....Purinerbic P2Y Receptor Agonists
D27.505.696.577.725.400.....Purinerbic Antagonists
D27.505.696.577.725.400.100.....Purinerbic P1 Receptor Antagonists
D27.505.696.577.725.400.100.100.....Adenosine A1 Receptor Antagonists
D27.505.696.577.725.400.100.200.....Adenosine A2 Receptor Antagonists
D27.505.696.577.725.400.100.300.....Adenosine A3 Receptor Antagonists
D27.505.696.577.725.400.200.....Purinerbic P2 Receptor Antagonists
D27.505.696.577.725.400.200.100.....Purinerbic P2X Receptor Antagonists
D27.505.696.577.725.400.200.200.....Purinerbic P2Y Receptor Antagonists
D27.505.696.577.850.....Serotonin Agents
D27.505.696.577.850.800.....Serotonin Receptor Agonists
D27.505.696.577.850.800.100.....Serotonin 5-HT1 Receptor Agonists
D27.505.696.577.850.800.200.....Serotonin 5-HT2 Receptor Agonists
D27.505.696.577.850.800.300.....Serotonin 5-HT3 Receptor Agonists
D27.505.696.577.850.800.400.....Serotonin 5-HT4 Receptor Agonists
D27.505.696.577.850.850.....Serotonin Antagonists
D27.505.696.577.850.850.100.....Serotonin 5-HT1 Receptor Antagonists
D27.505.696.577.850.850.200.....Serotonin 5-HT2 Receptor Antagonists
D27.505.696.577.850.850.300.....Serotonin 5-HT3 Receptor Antagonists
D27.505.696.577.850.850.400.....Serotonin 5-HT4 Receptor Antagonists
D27.505.696.577.850.900.....Serotonin Uptake Inhibitors
D27.505.696.620.....Performance-Enhancing Substances
D27.505.696.663.....Peripheral Nervous System Agents
D27.505.696.663.050.....Autonomic Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.663.050.030.....Antiemetics
D27.505.696.663.050.100.....Bronchoconstrictor Agents
D27.505.696.663.050.110.....Bronchodilator Agents
D27.505.696.663.050.225.....Emetics
D27.505.696.663.050.340.....Ganglionic Blockers
D27.505.696.663.050.400.....Ganglionic Stimulants
D27.505.696.663.050.495.....Miotics
D27.505.696.663.050.500.....Mydriatics
D27.505.696.663.050.650.....Parasympatholytics
D27.505.696.663.050.675.....Parasympathomimetics
D27.505.696.663.050.850.....Sympatholytics
D27.505.696.663.050.870.....Sympathomimetics
D27.505.696.663.700.....Neuromuscular Agents
D27.505.696.663.700.600.....Muscle Relaxants, Central
D27.505.696.663.700.710.....Neuromuscular Blocking Agents
D27.505.696.663.700.710.550.....Neuromuscular Depolarizing Agents
D27.505.696.663.700.710.575.....Neuromuscular Nondepolarizing Agents
D27.505.696.663.850.....Sensory System Agents
D27.505.696.663.850.007.....Abuse-Deterrent Formulations
D27.505.696.663.850.007.500.....Aversive Agents
D27.505.696.663.850.014.....Analgesics
D27.505.696.663.850.014.040.....Analgesics, Non-Narcotic
D27.505.696.663.850.014.040.500.....Anti-Inflammatory Agents, Non-Steroidal
D27.505.696.663.850.014.040.500.500.....Cyclooxygenase Inhibitors
D27.505.696.663.850.014.040.500.500.500.....Cyclooxygenase 2 Inhibitors
D27.505.696.663.850.014.580.....Analgesics, Short-Acting
D27.505.696.663.850.014.640.....Dentin Desensitizing Agents
D27.505.696.663.850.014.760.....Narcotics
D27.505.696.663.850.014.760.500.....Analgesics, Opioid
D27.505.696.663.850.025.....Anesthetics, Local
D27.505.696.663.850.512.....Narcotic Antagonists
D27.505.696.706.....Protective Agents
D27.505.696.706.018.....Anticarcinogenic Agents
D27.505.696.706.037.....Antidotes
D27.505.696.706.080.....Antimutagenic Agents
D27.505.696.706.125.....Antioxidants
D27.505.696.706.222.....Cariostatic Agents
D27.505.696.706.320.....Cryoprotective Agents
D27.505.696.706.434.....Insect Repellents
D27.505.696.706.548.....Neuroprotective Agents
D27.505.696.706.776.....Radiation-Protective Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.696.706.776.800.....Sunscreening Agents
D27.505.696.706.888.....Viscosupplements
D27.505.696.875.....Reproductive Control Agents
D27.505.696.875.131.....Abortifacient Agents
D27.505.696.875.131.100.....Abortifacient Agents, Nonsteroidal
D27.505.696.875.131.200.....Abortifacient Agents, Steroidal
D27.505.696.875.360.....Contraceptive Agents
D27.505.696.875.360.276.....Contraceptive Agents, Female
D27.505.696.875.360.276.210.....Contraceptives, Oral
D27.505.696.875.360.276.210.100.....Contraceptives, Oral, Combined
D27.505.696.875.360.276.210.277.....Contraceptives, Oral, Hormonal
D27.505.696.875.360.276.210.400.....Contraceptives, Oral, Sequential
D27.505.696.875.360.276.210.443.....Contraceptives, Oral, Synthetic
D27.505.696.875.360.276.310.....Contraceptives, Postcoital
D27.505.696.875.360.276.310.235.....Contraceptives, Postcoital, Hormonal
D27.505.696.875.360.276.310.360.....Contraceptives, Postcoital, Synthetic
D27.505.696.875.360.276.450.....Luteolytic Agents
D27.505.696.875.360.276.500.....Menstruation-Inducing Agents
D27.505.696.875.360.276.727.....Sperm Immobilizing Agents
D27.505.696.875.360.276.827.....Spermatocidal Agents
D27.505.696.875.360.443.....Contraceptive Agents, Male
D27.505.696.875.360.443.068.....Antispermato-genic Agents
D27.505.696.875.360.443.068.760.....Spermatogenesis-Blocking Agents
D27.505.696.875.552.....Fertility Agents
D27.505.696.875.552.344.....Fertility Agents, Female
D27.505.696.875.552.510.....Fertility Agents, Male
D27.505.696.875.610.....Luteolytic Agents
D27.505.696.875.650.....Menstruation-Inducing Agents
D27.505.696.875.737.....Oxytocics
D27.505.696.875.825.....Tocolytic Agents
D27.505.954.....Therapeutic Uses
D27.505.954.016.....Anti-Allergic Agents
D27.505.954.122.....Anti-Infective Agents
D27.505.954.122.085.....Anti-Bacterial Agents
D27.505.954.122.085.222.....Antitreponemal Agents
D27.505.954.122.085.255.....Antitubercular Agents
D27.505.954.122.085.255.135.....Antibiotics, Antitubercular
D27.505.954.122.085.516.....beta-Lactamase Inhibitors
D27.505.954.122.085.777.....Leprostastic Agents
D27.505.954.122.136.....Antifungal Agents
D27.505.954.122.187.....Anti-Infective Agents, Local

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.122.187.500.....Hand Sanitizers
D27.505.954.122.237.....Anti-Infective Agents, Urinary
D27.505.954.122.250.....Antiparasitic Agents
D27.505.954.122.250.075.....Anthelmintics
D27.505.954.122.250.075.080.....Antinematodal Agents
D27.505.954.122.250.075.080.275.....Filaricides
D27.505.954.122.250.075.100.....Antiplatyhelminthic Agents
D27.505.954.122.250.075.100.040.....Anticestodal Agents
D27.505.954.122.250.075.100.750.....Schistosomicides
D27.505.954.122.250.100.....Antiprotozoal Agents
D27.505.954.122.250.100.055.....Amebicides
D27.505.954.122.250.100.085.....Antimalarials
D27.505.954.122.250.100.115.....Antitrichomonal Agents
D27.505.954.122.250.100.170.....Coccidiostats
D27.505.954.122.250.100.875.....Trypanocidal Agents
D27.505.954.122.388.....Antiviral Agents
D27.505.954.122.388.077.....Anti-Retroviral Agents
D27.505.954.122.388.077.088.....Anti-HIV Agents
D27.505.954.122.388.077.088.104.....CCR5 Receptor Antagonists
D27.505.954.122.388.077.088.209.....HIV Fusion Inhibitors
D27.505.954.122.388.077.088.314.....HIV Integrase Inhibitors
D27.505.954.122.388.077.088.420.....HIV Protease Inhibitors
D27.505.954.122.388.077.750.....Reverse Transcriptase Inhibitors
D27.505.954.122.388.538.....Viral Fusion Protein Inhibitors
D27.505.954.122.388.538.500.....HIV Fusion Inhibitors
D27.505.954.122.425.....Disinfectants
D27.505.954.122.425.150.....Contact Lens Solutions
D27.505.954.122.425.300.....Dental Disinfectants
D27.505.954.122.425.300.500.....Root Canal Irrigants
D27.505.954.122.425.650.....Hand Sanitizers
D27.505.954.158.....Anti-Inflammatory Agents
D27.505.954.158.030.....Anti-Inflammatory Agents, Non-Steroidal
D27.505.954.158.030.500.....Cyclooxygenase Inhibitors
D27.505.954.158.030.500.500.....Cyclooxygenase 2 Inhibitors
D27.505.954.158.515.....Demulcents
D27.505.954.248.....Antineoplastic Agents
D27.505.954.248.025.....Angiogenesis Inhibitors
D27.505.954.248.106.....Antibiotics, Antineoplastic
D27.505.954.248.125.....Anticarcinogenic Agents
D27.505.954.248.144.....Antimetabolites, Antineoplastic
D27.505.954.248.147.....Antimitotic Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.248.150.....Antineoplastic Agents, Alkylating
D27.505.954.248.169.....Antineoplastic Agents, Hormonal
D27.505.954.248.179.....Antineoplastic Agents, Phytogetic
D27.505.954.248.384.....Antineoplastic Agents, Immunological
D27.505.954.248.589.....Myeloablative Agonists
D27.505.954.248.692.....Poly(ADP-ribose) Polymerase Inhibitors
D27.505.954.248.794.....Topoisomerase Inhibitors
D27.505.954.248.794.500.....Topoisomerase I Inhibitors
D27.505.954.248.794.750.....Topoisomerase II Inhibitors
D27.505.954.329.....Antirheumatic Agents
D27.505.954.329.030.....Anti-Inflammatory Agents, Non-Steroidal
D27.505.954.329.030.500.....Cyclooxygenase Inhibitors
D27.505.954.329.030.500.500.....Cyclooxygenase 2 Inhibitors
D27.505.954.329.337.....Gout Suppressants
D27.505.954.329.337.900.....Uricosuric Agents
D27.505.954.411.....Cardiovascular Agents
D27.505.954.411.097.....Anti-Arrhythmia Agents
D27.505.954.411.162.....Antihypertensive Agents
D27.505.954.411.192.....Calcium Channel Blockers
D27.505.954.411.207.....Cardioplegic Solutions
D27.505.954.411.222.....Cardiotonic Agents
D27.505.954.411.320.....Fibrinolytic Agents
D27.505.954.411.455.....Natriuretic Agents
D27.505.954.411.590.....Nitric Oxide Donors
D27.505.954.411.645.....Potassium Channel Blockers
D27.505.954.411.700.....Sclerosing Solutions
D27.505.954.411.720.....Sodium Channel Blockers
D27.505.954.411.720.500.....Voltage-Gated Sodium Channel Blockers
D27.505.954.411.793.....Vasoconstrictor Agents
D27.505.954.411.793.205.....Calcium Channel Agonists
D27.505.954.411.793.610.....Nasal Decongestants
D27.505.954.411.918.....Vasodilator Agents
D27.505.954.411.918.500.....Endothelium-Dependent Relaxing Factors
D27.505.954.427.....Central Nervous System Agents
D27.505.954.427.005.....Abuse-Deterrent Formulations
D27.505.954.427.005.500.....Aversive Agents
D27.505.954.427.010.....Adjuvants, Anesthesia
D27.505.954.427.020.....Alcohol Deterrents
D27.505.954.427.040.....Analgesics
D27.505.954.427.040.100.....Analgesics, Non-Narcotic
D27.505.954.427.040.381.....Analgesics, Short-Acting



## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.427.040.437.....Dentin Desensitizing Agents
D27.505.954.427.040.550.....Narcotics
D27.505.954.427.040.550.500.....Analgesics, Opioid
D27.505.954.427.080.....Anticonvulsants
D27.505.954.427.090.....Anti-Dyskinesia Agents
D27.505.954.427.090.050.....Antiparkinson Agents
D27.505.954.427.090.050.249.....Aromatic Amino Acid Decarboxylase Inhibitors
D27.505.954.427.090.050.500.....Catechol O-Methyltransferase Inhibitors
D27.505.954.427.095.....Antiemetics
D27.505.954.427.140.....Anti-Obesity Agents
D27.505.954.427.140.155.....Appetite Depressants
D27.505.954.427.153.....Antitussive Agents
D27.505.954.427.210.....Central Nervous System Depressants
D27.505.954.427.210.100.....Anesthetics
D27.505.954.427.210.100.017.....Anesthetics, Combined
D27.505.954.427.210.100.035.....Anesthetics, General
D27.505.954.427.210.100.035.060.....Anesthetics, Inhalation
D27.505.954.427.210.100.035.075.....Anesthetics, Intravenous
D27.505.954.427.210.100.035.075.035.....Anesthetics, Dissociative
D27.505.954.427.210.100.200.....Anesthetics, Local
D27.505.954.427.210.350.....Hypnotics and Sedatives
D27.505.954.427.210.600.....Narcotics
D27.505.954.427.210.600.500.....Analgesics, Opioid
D27.505.954.427.210.950.....Tranquilizing Agents
D27.505.954.427.210.950.015.....Anti-Anxiety Agents
D27.505.954.427.210.950.025.....Antimanic Agents
D27.505.954.427.210.950.040.....Antipsychotic Agents
D27.505.954.427.220.....Central Nervous System Stimulants
D27.505.954.427.220.045.....Aphrodisiacs
D27.505.954.427.220.050.....Appetite Stimulants
D27.505.954.427.220.224.....Convulsants
D27.505.954.427.220.612.....Wakefulness-Promoting Agents
D27.505.954.427.270.....Emetics
D27.505.954.427.525.....Muscle Relaxants, Central
D27.505.954.427.550.....Narcotic Antagonists
D27.505.954.427.575.....Neuroprotective Agents
D27.505.954.427.637.....Nootropic Agents
D27.505.954.427.700.....Psychotropic Drugs
D27.505.954.427.700.122.....Antidepressive Agents
D27.505.954.427.700.122.050.....Antidepressive Agents, Second-Generation
D27.505.954.427.700.122.055.....Antidepressive Agents, Tricyclic

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.427.700.372.....Hallucinogens
D27.505.954.427.700.872.....Tranquilizing Agents
D27.505.954.427.700.872.015.....Anti-Anxiety Agents
D27.505.954.427.700.872.025.....Antimanic Agents
D27.505.954.427.700.872.331.....Antipsychotic Agents
D27.505.954.444.....Dermatologic Agents
D27.505.954.444.075.....Antipruritics
D27.505.954.444.100.....Astringents
D27.505.954.444.200.....Emollients
D27.505.954.444.400.....Keratolytic Agents
D27.505.954.444.600.....Photosensitizing Agents
D27.505.954.444.695.....Sunscreening Agents
D27.505.954.483.....Gastrointestinal Agents
D27.505.954.483.080.....Antacids
D27.505.954.483.161.....Antidiarrheals
D27.505.954.483.200.....Antiemetics
D27.505.954.483.203.....Anti-Ulcer Agents
D27.505.954.483.396.....Cathartics
D27.505.954.483.508.....Cholagogues and Cholteretics
D27.505.954.483.534.....Demulcents
D27.505.954.483.560.....Emetics
D27.505.954.483.590.....Guanylyl Cyclase C Agonists
D27.505.954.483.620.....Laxatives
D27.505.954.483.680.....Lipotropic Agents
D27.505.954.502.....Hematologic Agents
D27.505.954.502.119.....Anticoagulants
D27.505.954.502.119.500.....Antithrombins
D27.505.954.502.119.500.500.....Factor Xa Inhibitors
D27.505.954.502.135.....Antisickling Agents
D27.505.954.502.140.....Blood Substitutes
D27.505.954.502.140.500.....Plasma Substitutes
D27.505.954.502.270.....Coagulants
D27.505.954.502.270.463.....Hemostatics
D27.505.954.502.270.463.091.....Antifibrinolytic Agents
D27.505.954.502.270.546.....Heparin Antagonists
D27.505.954.502.427.....Fibrinolytic Agents
D27.505.954.502.543.....Hematinics
D27.505.954.502.780.....Platelet Aggregation Inhibitors
D27.505.954.557.....Lipid Regulating Agents
D27.505.954.557.500.....Hypolipidemic Agents
D27.505.954.557.500.202.....Anticholesteremic Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.557.500.202.370.....Hydroxymethylglutaryl-CoA Reductase Inhibitors
D27.505.954.557.500.601.....Lipotropic Agents
D27.505.954.557.500.601.500.....Lipoprotein Lipase Activators
D27.505.954.578.....Pharmaceutical Solutions
D27.505.954.578.322.....Cardioplegic Solutions
D27.505.954.578.483.....Dialysis Solutions
D27.505.954.578.483.651.....Hemodialysis Solutions
D27.505.954.578.645.....Ophthalmic Solutions
D27.505.954.578.645.500.....Lubricant Eye Drops
D27.505.954.578.733.....Parenteral Nutrition Solutions
D27.505.954.578.733.500.....Fat Emulsions, Intravenous
D27.505.954.578.822.....Sclerosing Solutions
D27.505.954.600.....Radiation-Sensitizing Agents
D27.505.954.600.710.....Photosensitizing Agents
D27.505.954.613.....Renal Agents
D27.505.954.613.056.....Anti-Infective Agents, Urinary
D27.505.954.613.860.....Uricosuric Agents
D27.505.954.705.....Reproductive Control Agents
D27.505.954.705.131.....Abortifacient Agents
D27.505.954.705.131.100.....Abortifacient Agents, Nonsteroidal
D27.505.954.705.131.200.....Abortifacient Agents, Steroidal
D27.505.954.705.360.....Contraceptive Agents
D27.505.954.705.360.276.....Contraceptive Agents, Female
D27.505.954.705.360.276.210.....Contraceptives, Oral
D27.505.954.705.360.276.210.100.....Contraceptives, Oral, Combined
D27.505.954.705.360.276.210.277.....Contraceptives, Oral, Hormonal
D27.505.954.705.360.276.210.400.....Contraceptives, Oral, Sequential
D27.505.954.705.360.276.210.443.....Contraceptives, Oral, Synthetic
D27.505.954.705.360.276.310.....Contraceptives, Postcoital
D27.505.954.705.360.276.310.235.....Contraceptives, Postcoital, Hormonal
D27.505.954.705.360.276.310.360.....Contraceptives, Postcoital, Synthetic
D27.505.954.705.360.276.450.....Luteolytic Agents
D27.505.954.705.360.276.500.....Menstruation-Inducing Agents
D27.505.954.705.360.276.727.....Sperm Immobilizing Agents
D27.505.954.705.360.276.827.....Spermatocidal Agents
D27.505.954.705.360.443.....Contraceptive Agents, Male
D27.505.954.705.360.443.068.....Antispermatogenic Agents
D27.505.954.705.360.443.068.760.....Spermatogenesis-Blocking Agents
D27.505.954.705.552.....Fertility Agents
D27.505.954.705.552.344.....Fertility Agents, Female
D27.505.954.705.552.510.....Fertility Agents, Male

## 2018 MeSH Tree Hierarchy

Tree location
D27.505.954.705.610.....Luteolytic Agents
D27.505.954.705.650.....Menstruation-Inducing Agents
D27.505.954.705.737.....Oxytocics
D27.505.954.705.825.....Tocolytic Agents
D27.505.954.796.....Respiratory System Agents
D27.505.954.796.050.....Anti-Asthmatic Agents
D27.505.954.796.050.100.....Bronchodilator Agents
D27.505.954.796.090.....Antitussive Agents
D27.505.954.796.170.....Bronchoconstrictor Agents
D27.505.954.796.210.....Demulcents
D27.505.954.796.250.....Expectorants
D27.505.954.796.560.....Nasal Decongestants
D27.505.954.796.600.....Pulmonary Surfactants
D27.505.954.842.....Sleep Aids, Pharmaceutical
D27.505.954.842.500.....Orexin Receptor Antagonists
D27.505.954.888.....Stimulants, Historical
D27.505.954.944.....Urological Agents
D27.720.....Specialty Uses of Chemicals
D27.720.013.....Adhesives
D27.720.031.....Agrochemicals
D27.720.031.400.....Fertilizers
D27.720.031.700.....Pesticides
D27.720.031.700.071.....Acaricides
D27.720.031.700.141.....Chemosterilants
D27.720.031.700.288.....Fungicides, Industrial
D27.720.031.700.366.....Herbicides
D27.720.031.700.366.181.....Defoliants, Chemical
D27.720.031.700.441.....Insect Repellents
D27.720.031.700.491.....Insecticides
D27.720.031.700.596.....Molluscacides
D27.720.031.700.672.....Pesticide Residues
D27.720.031.700.748.....Pesticide Synergists
D27.720.031.700.853.....Rodenticides
D27.720.066.....Antistatic Agents
D27.720.102.....Biomedical and Dental Materials
D27.720.102.130.....Biocompatible Materials
D27.720.102.158.....Bone Cements
D27.720.102.187.....Cariogenic Agents
D27.720.102.223.....Cariostatic Agents
D27.720.102.339.....Dental Materials
D27.720.102.339.249.....Photoinitiators, Dental

## 2018 MeSH Tree Hierarchy

Tree location
D27.720.102.339.500.....Pulp Capping and Pulpectomy Agents
D27.720.102.461.....Dermal Fillers
D27.720.102.583.....Mouthwashes
D27.720.102.919.....Tissue Adhesives
D27.720.185.....Caustics
D27.720.233.....Coloring Agents
D27.720.233.174.....Chromogenic Compounds
D27.720.233.348.....Fluorescent Dyes
D27.720.233.674.....Food Coloring Agents
D27.720.233.837.....Hair Dyes
D27.720.259.....Contrast Media
D27.720.269.....Cosmetics
D27.720.269.189.....Antiperspirants
D27.720.269.285.....Cosmeceuticals
D27.720.269.380.....Dentifrices
D27.720.269.385.....Deodorants
D27.720.269.430.....Hair Preparations
D27.720.269.430.214.....Hair Bleaching Agents
D27.720.269.430.430.....Hair Dyes
D27.720.269.583.....Mouthwashes
D27.720.269.700.....Perfume
D27.720.269.750.....Skin Lightening Preparations
D27.720.269.800.....Sunscreening Agents
D27.720.274.....Disinfectants
D27.720.274.150.....Contact Lens Solutions
D27.720.274.300.....Dental Disinfectants
D27.720.274.300.500.....Root Canal Irrigants
D27.720.274.650.....Hand Sanitizers
D27.720.317.....Explosive Agents
D27.720.355.....Fixatives
D27.720.361.....Flame Retardants
D27.720.372.....Food Ingredients
D27.720.372.300.....Food Additives
D27.720.372.300.350.....Fat Substitutes
D27.720.372.300.353.....Flavoring Agents
D27.720.372.300.353.609.....Sweetening Agents
D27.720.372.300.353.609.500.....Non-Nutritive Sweeteners
D27.720.372.300.353.609.750.....Nutritive Sweeteners
D27.720.372.300.353.609.750.250.....Dietary Sucrose
D27.720.372.300.353.609.750.500.....High Fructose Corn Syrup
D27.720.372.300.355.....Food Coloring Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.720.372.300.385.....Food Preservatives
D27.720.375.....Hygroscopic Agents
D27.720.395.....Ionophores
D27.720.395.100.....Calcium Ionophores
D27.720.395.400.....Potassium Ionophores
D27.720.395.500.....Proton Ionophores
D27.720.395.750.....Sodium Ionophores
D27.720.400.....Irritants
D27.720.470.....Laboratory Chemicals
D27.720.470.280.....Buffers
D27.720.470.280.060.....Ampholyte Mixtures
D27.720.470.305.....Culture Media
D27.720.470.305.250.....Culture Media, Conditioned
D27.720.470.305.255.....Culture Media, Serum-Free
D27.720.470.410.....Indicators and Reagents
D27.720.470.410.080.....Affinity Labels
D27.720.470.410.080.600.....Photoaffinity Labels
D27.720.470.410.200.....Chromogenic Compounds
D27.720.470.410.210.....Cross-Linking Reagents
D27.720.470.410.360.....Intercalating Agents
D27.720.470.410.505.....Luminescent Agents
D27.720.470.410.505.500.....Fluorescent Dyes
D27.720.470.410.577.....Neuronal Tract-Tracers
D27.720.470.410.650.....Radiopharmaceuticals
D27.720.470.410.680.....Reagent Kits, Diagnostic
D27.720.470.410.680.680.....Reagent Strips
D27.720.470.410.690.....Reducing Agents
D27.720.470.410.700.....Sulfhydryl Reagents
D27.720.470.410.750.....Thiobarbituric Acid Reactive Substances
D27.720.470.420.....Ion Exchange Resins
D27.720.470.420.050.....Anion Exchange Resins
D27.720.470.420.275.....Cation Exchange Resins
D27.720.470.480.....Ligands
D27.720.470.530.....Molecular Probes
D27.720.470.530.600.....Nucleic Acid Probes
D27.720.470.530.600.150.....Antisense Elements (Genetics)
D27.720.470.530.600.150.200.....DNA, Antisense
D27.720.470.530.600.150.200.640.....Oligodeoxyribonucleotides, Antisense
D27.720.470.530.600.150.640.....Oligonucleotides, Antisense
D27.720.470.530.600.150.640.640.....Oligodeoxyribonucleotides, Antisense
D27.720.470.530.600.150.640.645.....Oligoribonucleotides, Antisense

## 2018 MeSH Tree Hierarchy

Tree location
D27.720.470.530.600.150.760.....RNA, Antisense
D27.720.470.530.600.150.760.645.....Oligoribonucleotides, Antisense
D27.720.470.530.600.223.....DNA Probes
D27.720.470.530.600.223.260.....DNA, Complementary
D27.720.470.530.600.223.600.....DNA Primers
D27.720.470.530.600.223.615.....DNA Probes, HLA
D27.720.470.530.600.223.620.....DNA Probes, HPV
D27.720.470.530.600.650.....Oligonucleotide Probes
D27.720.470.530.600.825.....RNA Probes
D27.720.470.530.600.825.840.....RNA, Complementary
D27.720.470.765.....Small Molecule Libraries
D27.720.556.....Lubricants
D27.720.556.249.....Lubricant Eye Drops
D27.720.556.500.....Viscosupplements
D27.720.599.....Nerve Agents
D27.720.642.....Oxidants
D27.720.642.315.....Bleaching Agents
D27.720.642.315.249.....Hair Bleaching Agents
D27.720.642.315.500.....Tooth Bleaching Agents
D27.720.642.631.....Oxidants, Photochemical
D27.720.744.....Pharmaceutic Aids
D27.720.744.064.....Adjuvants, Pharmaceutic
D27.720.744.179.....Aversive Agents
D27.720.744.294.....Flavoring Agents
D27.720.744.523.....Ointment Bases
D27.720.744.770.....Pharmaceutical Vehicles
D27.720.744.770.419.....Excipients
D27.720.744.771.....Preservatives, Pharmaceutical
D27.720.752.....Pharmaceutical Solutions
D27.720.752.322.....Cardioplegic Solutions
D27.720.752.483.....Dialysis Solutions
D27.720.752.483.651.....Hemodialysis Solutions
D27.720.752.608.....Ophthalmic Solutions
D27.720.752.608.500.....Lubricant Eye Drops
D27.720.752.733.....Parenteral Nutrition Solutions
D27.720.752.733.500.....Fat Emulsions, Intravenous
D27.720.752.822.....Sclerosing Solutions
D27.720.760.....Plasticizers
D27.720.777.....Poisons
D27.720.777.300.....Chemical Warfare Agents
D27.720.777.300.500.....Nerve Agents

## 2018 MeSH Tree Hierarchy

Tree location
D27.720.799.....Protective Agents
D27.720.799.018.....Anticarcinogenic Agents
D27.720.799.037.....Antidotes
D27.720.799.042.....Antimutagenic Agents
D27.720.799.047.....Antioxidants
D27.720.799.080.....Cardiotonic Agents
D27.720.799.113.....Cariostatic Agents
D27.720.799.180.....Cryoprotective Agents
D27.720.799.763.....Radiation-Protective Agents
D27.720.799.763.764.....Sunscreening Agents
D27.720.821.....Riot Control Agents, Chemical
D27.720.821.500.....Tear Gases
D27.720.832.....Sequestering Agents
D27.720.832.500.....Chelating Agents
D27.720.832.500.204.....Calcium Chelating Agents
D27.720.832.500.410.....Iron Chelating Agents
D27.720.832.500.410.750.....Siderophores
D27.720.844.....Solvents
D27.720.844.500.....Ionic Liquids
D27.720.877.....Surface-Active Agents
D27.720.877.048.....Antifoaming Agents
D27.720.877.156.....Demulcents
D27.720.877.265.....Detergents
D27.720.877.265.861.....Soaps
D27.720.877.383.....Emulsifying Agents
D27.720.877.383.500.....Cerumenolytic Agents
D27.720.877.501.....Immunosorbents
D27.720.877.974.....Wetting Agents
D27.720.944.....Viscoelastic Substances
D27.720.944.500.....Viscosupplements
D27.888.....Toxic Actions
D27.888.141.....Endocrine Disruptors
D27.888.284.....Environmental Pollutants
D27.888.284.101.....Air Pollutants
D27.888.284.101.268.....Air Pollutants, Occupational
D27.888.284.101.393.....Air Pollutants, Radioactive
D27.888.284.101.696.....Greenhouse Gases
D27.888.284.756.....Soil Pollutants
D27.888.284.756.674.....Soil Pollutants, Radioactive
D27.888.284.903.....Water Pollutants
D27.888.284.903.655.....Water Pollutants, Chemical



## 2018 MeSH Tree Hierarchy

Tree location
D27.888.284.903.821.....Water Pollutants, Radioactive
D27.888.426.....Hazardous Substances
D27.888.426.500.....Hazardous Waste
D27.888.426.500.638.....Radioactive Waste
D27.888.569.....Noxae
D27.888.569.035.....Alkylating Agents
D27.888.569.035.035.....Antineoplastic Agents, Alkylating
D27.888.569.042.....Antimetabolites
D27.888.569.042.030.....Antimetabolites, Antineoplastic
D27.888.569.071.....Antispermato-genic Agents
D27.888.569.071.379.....Sperm Immobilizing Agents
D27.888.569.071.569.....Spermatocidal Agents
D27.888.569.071.760.....Spermatogenesis-Blocking Agents
D27.888.569.100.....Carcinogens
D27.888.569.100.125.....Carcinogens, Environmental
D27.888.569.100.675.....Peroxisome Proliferators
D27.888.569.142.....Cardiotoxins
D27.888.569.185.....Caustics
D27.888.569.199.....Cytostatic Agents
D27.888.569.213.....Cytotoxins
D27.888.569.213.444.....Hemolytic Agents
D27.888.569.242.....Dermotoxins
D27.888.569.271.....Immunotoxins
D27.888.569.300.....Irritants
D27.888.569.468.....Mutagens
D27.888.569.468.060.....Aneugens
D27.888.569.504.....Neurotoxins
D27.888.569.540.....Oxidants
D27.888.569.540.631.....Oxidants, Photochemical
D27.888.569.612.....Poisons
D27.888.569.612.150.....Chemical Warfare Agents
D27.888.569.673.....Pyrogens
D27.888.569.734.....Riot Control Agents, Chemical
D27.888.569.734.500.....Tear Gases
D27.888.569.864.....Teratogens
D27.888.723.....Pesticides
D27.888.723.071.....Acaricides
D27.888.723.141.....Chemosterilants
D27.888.723.288.....Fungicides, Industrial
D27.888.723.366.....Herbicides
D27.888.723.366.181.....Defoliant, Chemical

## 2018 MeSH Tree Hierarchy

Tree location
D27.888.723.441.....Insect Repellents
D27.888.723.491.....Insecticides
D27.888.723.596.....Molluscacides
D27.888.723.697.....Pesticide Residues
D27.888.723.748.....Pesticide Synergists
D27.888.723.853.....Rodenticides
E01.....Diagnosis
E01.055.....Clinical Decision-Making
E01.110.....Delayed Diagnosis
E01.158.....Diagnosis, Computer-Assisted
E01.158.600.....Image Interpretation, Computer-Assisted
E01.158.600.339.....Neuronavigation
E01.158.600.680.....Radiographic Image Interpretation, Computer-Assisted
E01.171.....Diagnosis, Differential
E01.190.....Diagnosis, Dual (Psychiatry)
E01.354.....Diagnostic Errors
E01.354.340.....False Negative Reactions
E01.354.506.....False Positive Reactions
E01.354.753.....Observer Variation
E01.370.....Diagnostic Techniques and Procedures
E01.370.049.....Age Determination by Skeleton
E01.370.060.....Autopsy
E01.370.100.....Breath Tests
E01.370.225.....Clinical Laboratory Techniques
E01.370.225.124.....Clinical Chemistry Tests
E01.370.225.124.100.....Blood Chemical Analysis
E01.370.225.124.100.100.....Blood Gas Analysis
E01.370.225.124.100.100.600.....Oximetry
E01.370.225.124.100.100.600.100.....Blood Gas Monitoring, Transcutaneous
E01.370.225.124.100.105.....Blood Glucose Self-Monitoring
E01.370.225.124.100.110.....Blood Protein Electrophoresis
E01.370.225.124.100.115.....Blood Urea Nitrogen
E01.370.225.124.100.232.....Dried Blood Spot Testing
E01.370.225.124.100.350.....Glucose Clamp Technique
E01.370.225.124.100.355.....Glucose Tolerance Test
E01.370.225.124.100.450.....Lactose Tolerance Test
E01.370.225.124.100.600.....Petrosal Sinus Sampling
E01.370.225.124.200.....Clinical Enzyme Tests
E01.370.225.124.300.....Gastric Acidity Determination
E01.370.225.124.470.....Limulus Test
E01.370.225.124.810.....Urinalysis

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.500.....Cytological Techniques
E01.370.225.500.195.....Cell Count
E01.370.225.500.195.107.....Blood Cell Count
E01.370.225.500.195.107.330.....Erythrocyte Count
E01.370.225.500.195.107.330.725.....Reticulocyte Count
E01.370.225.500.195.107.595.....Leukocyte Count
E01.370.225.500.195.107.595.500.....Lymphocyte Count
E01.370.225.500.195.107.595.500.150.....CD4 Lymphocyte Count
E01.370.225.500.195.107.595.500.150.160.....CD4-CD8 Ratio
E01.370.225.500.195.107.740.....Platelet Count
E01.370.225.500.195.870.....Sperm Count
E01.370.225.500.223.....Cell Culture Techniques
E01.370.225.500.223.500.....Primary Cell Culture
E01.370.225.500.335.....Cell Migration Assays
E01.370.225.500.335.500.....Cell Migration Assays, Leukocyte
E01.370.225.500.335.750.....Cell Migration Assays, Macrophage
E01.370.225.500.335.875.....Skin Window Technique
E01.370.225.500.363.....Cell Separation
E01.370.225.500.363.342.....Flow Cytometry
E01.370.225.500.373.....Cell Tracking
E01.370.225.500.383.....Colony-Forming Units Assay
E01.370.225.500.383.910.....Tumor Stem Cell Assay
E01.370.225.500.384.....Cytodiagnosis
E01.370.225.500.384.050.....Amniocentesis
E01.370.225.500.384.100.....Biopsy
E01.370.225.500.384.100.119.....Biopsy, Needle
E01.370.225.500.384.100.119.500.....Biopsy, Fine-Needle
E01.370.225.500.384.100.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.225.500.384.100.119.750.....Biopsy, Large-Core Needle
E01.370.225.500.384.100.149.....Chorionic Villi Sampling
E01.370.225.500.384.100.160.....Conization
E01.370.225.500.384.100.370.....Image-Guided Biopsy
E01.370.225.500.384.100.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.225.500.384.100.396.....Liquid Biopsy
E01.370.225.500.384.100.422.....Papanicolaou Test
E01.370.225.500.384.100.580.....Sentinel Lymph Node Biopsy
E01.370.225.500.384.100.800.....Vaginal Smears
E01.370.225.500.384.235.....Cytopathogenic Effect, Viral
E01.370.225.500.384.617.....Karyometry
E01.370.225.500.385.....Cytogenetic Analysis
E01.370.225.500.385.130.....Chromosome Banding

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.500.385.315.....Karyotyping
E01.370.225.500.385.315.800.....Spectral Karyotyping
E01.370.225.500.385.500.....Mitotic Index
E01.370.225.500.386.....Cytophotometry
E01.370.225.500.386.350.....Flow Cytometry
E01.370.225.500.386.400.....Image Cytometry
E01.370.225.500.386.400.500.....Laser Scanning Cytometry
E01.370.225.500.388.....Drug Screening Assays, Antitumor
E01.370.225.500.388.930.....Tumor Stem Cell Assay
E01.370.225.500.508.....Enzyme-Linked Immunospot Assay
E01.370.225.500.607.....Histocytochemistry
E01.370.225.500.607.512.....Immunohistochemistry
E01.370.225.500.607.512.240.....Fluorescent Antibody Technique
E01.370.225.500.607.512.240.149.....Antibody-Coated Bacteria Test, Urinary
E01.370.225.500.607.512.240.300.....Fluorescent Antibody Technique, Direct
E01.370.225.500.607.512.240.310.....Fluorescent Antibody Technique, Indirect
E01.370.225.500.607.512.240.655.....Fluoroimmunoassay
E01.370.225.500.607.512.240.655.350.....Fluorescence Polarization Immunoassay
E01.370.225.500.607.790.....Periodic Acid-Schiff Reaction
E01.370.225.500.607.810.....Prussian Blue Reaction
E01.370.225.500.620.....Histocytological Preparation Techniques
E01.370.225.500.620.520.....Microdissection
E01.370.225.500.620.530.....Microtomy
E01.370.225.500.620.530.160.....Cryoultramicrotomy
E01.370.225.500.620.530.160.260.....Frozen Sections
E01.370.225.500.620.620.....Replica Techniques
E01.370.225.500.620.620.150.....Corrosion Casting
E01.370.225.500.620.620.260.....Freeze Fracturing
E01.370.225.500.620.620.260.400.....Freeze Etching
E01.370.225.500.620.670.....Staining and Labeling
E01.370.225.500.620.670.130.....Chromosome Banding
E01.370.225.500.620.670.325.....In Situ Hybridization
E01.370.225.500.620.670.325.350.....In Situ Hybridization, Fluorescence
E01.370.225.500.620.670.325.350.125.....Chromosome Painting
E01.370.225.500.620.670.325.680.....Primed In Situ Labeling
E01.370.225.500.620.670.520.....Negative Staining
E01.370.225.500.620.670.570.....Neuroanatomical Tract-Tracing Techniques
E01.370.225.500.620.670.615.....Periodic Acid-Schiff Reaction
E01.370.225.500.620.670.660.....Prussian Blue Reaction
E01.370.225.500.620.670.770.....Shadowing (Histology)
E01.370.225.500.620.670.780.....Silver Staining

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.225.500.620.720.....	Tissue Embedding
E01.370.225.500.620.720.610.....	Paraffin Embedding
E01.370.225.500.620.720.640.....	Plastic Embedding
E01.370.225.500.620.760.....	Tissue Preservation
E01.370.225.500.620.760.160.....	Cryopreservation
E01.370.225.500.620.760.160.260.....	Freeze Drying
E01.370.225.500.620.760.160.260.270.....	Freeze Substitution
E01.370.225.500.620.760.720.....	Tissue Fixation
E01.370.225.500.810.....	Metabolic Flux Analysis
E01.370.225.562.....	Genetic Testing
E01.370.225.562.250.....	Genetic Carrier Screening
E01.370.225.562.500.....	Pharmacogenomic Testing
E01.370.225.625.....	Hematologic Tests
E01.370.225.625.107.....	Blood Cell Count
E01.370.225.625.107.330.....	Erythrocyte Count
E01.370.225.625.107.330.725.....	Reticulocyte Count
E01.370.225.625.107.595.....	Leukocyte Count
E01.370.225.625.107.595.500.....	Lymphocyte Count
E01.370.225.625.107.595.500.150.....	CD4 Lymphocyte Count
E01.370.225.625.107.595.500.150.160.....	CD4-CD8 Ratio
E01.370.225.625.107.700.....	Platelet Count
E01.370.225.625.115.....	Blood Coagulation Tests
E01.370.225.625.115.320.....	International Normalized Ratio
E01.370.225.625.115.600.....	Partial Thromboplastin Time
E01.370.225.625.115.610.....	Prothrombin Time
E01.370.225.625.115.830.....	Thrombelastography
E01.370.225.625.115.870.....	Thrombin Time
E01.370.225.625.115.950.....	Whole Blood Coagulation Time
E01.370.225.625.120.....	Blood Grouping and Crossmatching
E01.370.225.625.125.....	Blood Sedimentation
E01.370.225.625.135.....	Bone Marrow Examination
E01.370.225.625.225.....	Erythrocyte Aggregation
E01.370.225.625.230.....	Erythrocyte Indices
E01.370.225.625.265.....	Fibrin Clot Lysis Time
E01.370.225.625.300.....	FIGLU Test
E01.370.225.625.400.....	Hematocrit
E01.370.225.625.410.....	Hemoglobinometry
E01.370.225.625.550.....	Osmotic Fragility
E01.370.225.625.625.....	Platelet Function Tests
E01.370.225.625.625.100.....	Bleeding Time
E01.370.225.625.625.160.....	Clot Retraction

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.625.625.392.....Mean Platelet Volume
E01.370.225.625.625.625.....Platelet Count
E01.370.225.625.750.....Schilling Test
E01.370.225.750.....Histological Techniques
E01.370.225.750.132.....Autoradiography
E01.370.225.750.288.....Decalcification Technique
E01.370.225.750.551.....Histocytochemistry
E01.370.225.750.551.512.....Immunohistochemistry
E01.370.225.750.551.512.240.....Fluorescent Antibody Technique
E01.370.225.750.551.512.240.149.....Antibody-Coated Bacteria Test, Urinary
E01.370.225.750.551.512.240.300.....Fluorescent Antibody Technique, Direct
E01.370.225.750.551.512.240.310.....Fluorescent Antibody Technique, Indirect
E01.370.225.750.551.512.240.655.....Fluoroimmunoassay
E01.370.225.750.551.512.240.655.350.....Fluorescence Polarization Immunoassay
E01.370.225.750.551.790.....Periodic Acid-Schiff Reaction
E01.370.225.750.551.810.....Prussian Blue Reaction
E01.370.225.750.600.....Histocytological Preparation Techniques
E01.370.225.750.600.520.....Microdissection
E01.370.225.750.600.530.....Microtomy
E01.370.225.750.600.530.160.....Cryoultramicrotomy
E01.370.225.750.600.530.160.260.....Frozen Sections
E01.370.225.750.600.620.....Replica Techniques
E01.370.225.750.600.620.150.....Corrosion Casting
E01.370.225.750.600.620.260.....Freeze Fracturing
E01.370.225.750.600.620.260.400.....Freeze Etching
E01.370.225.750.600.670.....Staining and Labeling
E01.370.225.750.600.670.130.....Chromosome Banding
E01.370.225.750.600.670.325.....In Situ Hybridization
E01.370.225.750.600.670.325.350.....In Situ Hybridization, Fluorescence
E01.370.225.750.600.670.325.350.125.....Chromosome Painting
E01.370.225.750.600.670.325.680.....Primed In Situ Labeling
E01.370.225.750.600.670.520.....Negative Staining
E01.370.225.750.600.670.570.....Neuroanatomical Tract-Tracing Techniques
E01.370.225.750.600.670.660.....Prussian Blue Reaction
E01.370.225.750.600.670.770.....Shadowing (Histology)
E01.370.225.750.600.670.780.....Silver Staining
E01.370.225.750.600.720.....Tissue Embedding
E01.370.225.750.600.720.610.....Paraffin Embedding
E01.370.225.750.600.720.640.....Plastic Embedding
E01.370.225.750.600.760.....Tissue Preservation
E01.370.225.750.600.760.160.....Cryopreservation

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.750.600.760.160.260.....Freeze Drying
E01.370.225.750.600.760.160.260.270.....Freeze Substitution
E01.370.225.750.600.760.720.....Tissue Fixation
E01.370.225.812.....Immunologic Tests
E01.370.225.812.049.....Antibody-Coated Bacteria Test, Urinary
E01.370.225.812.100.....Basophil Degranulation Test
E01.370.225.812.125.....Cell Migration Assays
E01.370.225.812.125.500.....Cell Migration Assays, Leukocyte
E01.370.225.812.125.750.....Cell Migration Assays, Macrophage
E01.370.225.812.125.875.....Skin Window Technique
E01.370.225.812.160.....Cytotoxicity Tests, Immunologic
E01.370.225.812.160.155.....Complement Hemolytic Activity Assay
E01.370.225.812.375.....Hemolytic Plaque Technique
E01.370.225.812.385.....Histocompatibility Testing
E01.370.225.812.385.120.....Blood Grouping and Crossmatching
E01.370.225.812.385.475.....Lymphocyte Culture Test, Mixed
E01.370.225.812.400.....Immune Adherence Reaction
E01.370.225.812.447.....Immunophenotyping
E01.370.225.812.453.....Interferon-gamma Release Tests
E01.370.225.812.460.....Leukocyte Adherence Inhibition Test
E01.370.225.812.482.....Lymphocyte Activation
E01.370.225.812.505.....Monitoring, Immunologic
E01.370.225.812.620.....Pregnancy Tests, Immunologic
E01.370.225.812.706.....Rosette Formation
E01.370.225.812.735.....Serologic Tests
E01.370.225.812.735.050.....Agglutination Tests
E01.370.225.812.735.050.375.....Hemagglutination Tests
E01.370.225.812.735.050.375.150.....Coombs Test
E01.370.225.812.735.050.450.....Latex Fixation Tests
E01.370.225.812.735.060.....AIDS Serodiagnosis
E01.370.225.812.735.150.....Complement Fixation Tests
E01.370.225.812.735.155.....Complement Hemolytic Activity Assay
E01.370.225.812.735.360.....Hemadsorption Inhibition Tests
E01.370.225.812.735.370.....Hemagglutination Inhibition Tests
E01.370.225.812.735.550.....Neutralization Tests
E01.370.225.812.735.645.....Precipitin Tests
E01.370.225.812.735.645.300.....Flocculation Tests
E01.370.225.812.735.645.350.....Immunodiffusion
E01.370.225.812.735.645.350.350.....Immunoelectrophoresis
E01.370.225.812.735.645.350.350.150.....Counterimmunoelectrophoresis
E01.370.225.812.735.645.350.350.350.....Immunoelectrophoresis, Two-Dimensional

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.225.812.735.830.....	Radioallergosorbent Test
E01.370.225.812.735.840.....	Radioimmunoprecipitation Assay
E01.370.225.812.735.845.....	Serum Bactericidal Antibody Assay
E01.370.225.812.735.850.....	Syphilis Serodiagnosis
E01.370.225.812.735.850.200.....	Fluorescent Treponemal Antibody-Absorption Test
E01.370.225.812.735.850.800.....	Treponema Immobilization Test
E01.370.225.812.742.....	Serotyping
E01.370.225.812.871.....	Skin Tests
E01.370.225.812.871.300.....	Intradermal Tests
E01.370.225.812.871.300.540.....	Kveim Test
E01.370.225.812.871.300.750.....	Skin Test End-Point Titration
E01.370.225.812.871.450.....	Local Lymph Node Assay
E01.370.225.812.871.600.....	Passive Cutaneous Anaphylaxis
E01.370.225.812.871.610.....	Patch Tests
E01.370.225.812.871.705.....	Skin Window Technique
E01.370.225.812.871.800.....	Tuberculin Test
E01.370.225.828.....	Laboratory Critical Values
E01.370.225.843.....	Metabolic Clearance Rate
E01.370.225.875.....	Microbiological Techniques
E01.370.225.875.074.....	Axenic Culture
E01.370.225.875.150.....	Bacteriological Techniques
E01.370.225.875.150.115.....	Bacterial Load
E01.370.225.875.150.125.....	Bacterial Typing Techniques
E01.370.225.875.150.125.150.....	Bacteriophage Typing
E01.370.225.875.150.125.457.....	Molecular Typing
E01.370.225.875.150.125.457.500.....	Multilocus Sequence Typing
E01.370.225.875.150.125.765.....	Ribotyping
E01.370.225.875.150.125.890.....	Serotyping
E01.370.225.875.150.570.....	Limulus Test
E01.370.225.875.185.....	Blood Culture
E01.370.225.875.220.....	Colony Count, Microbial
E01.370.225.875.220.115.....	Bacterial Load
E01.370.225.875.595.....	Microbial Sensitivity Tests
E01.370.225.875.595.399.....	Disk Diffusion Antimicrobial Tests
E01.370.225.875.595.800.....	Serum Bactericidal Test
E01.370.225.875.610.....	Mycological Typing Techniques
E01.370.225.875.837.....	Serial Passage
E01.370.225.875.950.....	Viral Load
E01.370.225.875.970.....	Virus Cultivation
E01.370.225.875.970.790.....	Viral Plaque Assay
E01.370.225.875.977.....	Virus Inactivation



## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.875.985.....Xenodiagnosis
E01.370.225.880.....Molecular Diagnostic Techniques
E01.370.225.880.500.....Human Papillomavirus DNA Tests
E01.370.225.910.....Neonatal Screening
E01.370.225.925.....Occult Blood
E01.370.225.932.....Parasite Load
E01.370.225.932.600.....Parasite Egg Count
E01.370.225.940.....Parasitic Sensitivity Tests
E01.370.225.955.....Pre-Analytical Phase
E01.370.225.970.....Pregnancy Tests
E01.370.225.970.620.....Pregnancy Tests, Immunologic
E01.370.225.985.....Radioligand Assay
E01.370.225.992.....Semen Analysis
E01.370.225.992.624.....Sperm Count
E01.370.225.992.812.....Sperm Motility
E01.370.225.996.....Sex Determination Analysis
E01.370.225.996.500.....Sex Determination by Skeleton
E01.370.225.998.....Specimen Handling
E01.370.225.998.054.....Biopsy
E01.370.225.998.054.119.....Biopsy, Needle
E01.370.225.998.054.119.500.....Biopsy, Fine-Needle
E01.370.225.998.054.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.225.998.054.119.750.....Biopsy, Large-Core Needle
E01.370.225.998.054.149.....Chorionic Villi Sampling
E01.370.225.998.054.160.....Conization
E01.370.225.998.054.370.....Image-Guided Biopsy
E01.370.225.998.054.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.225.998.054.396.....Liquid Biopsy
E01.370.225.998.054.422.....Papanicolaou Test
E01.370.225.998.054.580.....Sentinel Lymph Node Biopsy
E01.370.225.998.054.790.....Spinal Puncture
E01.370.225.998.054.800.....Vaginal Smears
E01.370.225.998.110.....Blood Specimen Collection
E01.370.225.998.110.150.....Cordocentesis
E01.370.225.998.110.600.....Petrosal Sinus Sampling
E01.370.225.998.110.625.....Phlebotomy
E01.370.225.998.221.....Dissection
E01.370.225.998.221.580.....Microdissection
E01.370.225.998.221.580.500.....Laser Capture Microdissection
E01.370.225.998.293.....DNA Contamination
E01.370.225.998.329.....Paracentesis

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.225.998.329.309.....Amniocentesis
E01.370.225.998.329.465.....Arthrocentesis
E01.370.225.998.329.543.....Cordocentesis
E01.370.225.998.329.620.....Pericardiocentesis
E01.370.225.998.329.810.....Thoracentesis
E01.370.225.998.329.905.....Tympanocentesis
E01.370.225.998.762.....Urine Specimen Collection
E01.370.350.....Diagnostic Imaging
E01.370.350.130.....Cardiac Imaging Techniques
E01.370.350.130.249.....Angiocardiography
E01.370.350.130.500.....Cardiac-Gated Imaging Techniques
E01.370.350.130.500.500.....Cardiac-Gated Single-Photon Emission Computer-Assisted Tomography
E01.370.350.130.500.750.....Gated Blood-Pool Imaging
E01.370.350.130.625.....Coronary Angiography
E01.370.350.130.750.....Echocardiography
E01.370.350.130.750.220.....Echocardiography, Doppler
E01.370.350.130.750.220.220.....Echocardiography, Doppler, Color
E01.370.350.130.750.220.225.....Echocardiography, Doppler, Pulsed
E01.370.350.130.750.228.....Echocardiography, Stress
E01.370.350.130.750.230.....Echocardiography, Three-Dimensional
E01.370.350.130.750.230.230.....Echocardiography, Four-Dimensional
E01.370.350.130.750.235.....Echocardiography, Transesophageal
E01.370.350.130.875.....Myocardial Perfusion Imaging
E01.370.350.130.937.....Radionuclide Ventriculography
E01.370.350.130.937.350.....Gated Blood-Pool Imaging
E01.370.350.130.937.950.....Ventriculography, First-Pass
E01.370.350.350.....Image Interpretation, Computer-Assisted
E01.370.350.350.349.....Neuronavigation
E01.370.350.350.700.....Radiographic Image Interpretation, Computer-Assisted
E01.370.350.350.800.....Tomography, Emission-Computed
E01.370.350.350.800.700.....Positron-Emission Tomography
E01.370.350.350.800.700.500.....Positron Emission Tomography Computed Tomography
E01.370.350.350.800.800.....Tomography, Emission-Computed, Single-Photon
E01.370.350.350.800.800.500.....Cardiac-Gated Single-Photon Emission Computer-Assisted Tomography
E01.370.350.350.800.800.750.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.350.810.....Tomography, X-Ray Computed
E01.370.350.350.810.180.....Colonography, Computed Tomographic
E01.370.350.350.810.335.....Computed Tomography Angiography
E01.370.350.350.810.490.....Four-Dimensional Computed Tomography
E01.370.350.350.810.645.....Positron Emission Tomography Computed Tomography
E01.370.350.350.810.723.....Single Photon Emission Computed Tomography Computed Tomography

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.350.350.810.800.....Tomography, Spiral Computed
E01.370.350.350.810.800.500.....Multidetector Computed Tomography
E01.370.350.400.....Imaging, Three-Dimensional
E01.370.350.400.200.....Echocardiography, Three-Dimensional
E01.370.350.400.200.230.....Echocardiography, Four-Dimensional
E01.370.350.400.350.....Four-Dimensional Computed Tomography
E01.370.350.400.500.....Holography
E01.370.350.515.....Microscopy
E01.370.350.515.277.....Intravital Microscopy
E01.370.350.515.277.250.....Dermoscopy
E01.370.350.515.277.500.....Microscopic Angioscopy
E01.370.350.515.370.....Microscopy, Acoustic
E01.370.350.515.395.....Microscopy, Confocal
E01.370.350.515.395.500.....Laser Scanning Cytometry
E01.370.350.515.402.....Microscopy, Electron
E01.370.350.515.402.150.....Cryoelectron Microscopy
E01.370.350.515.402.250.....Electron Probe Microanalysis
E01.370.350.515.402.541.....Microscopy, Electron, Scanning
E01.370.350.515.402.580.....Microscopy, Electron, Transmission
E01.370.350.515.402.580.480.....Microscopy, Electron, Scanning Transmission
E01.370.350.515.402.580.500.....Microscopy, Energy-Filtering Transmission Electron
E01.370.350.515.402.625.....Microscopy, Immunoelectron
E01.370.350.515.458.....Microscopy, Fluorescence
E01.370.350.515.458.500.....Microscopy, Fluorescence, Multiphoton
E01.370.350.515.513.....Microscopy, Interference
E01.370.350.515.513.569.....Microscopy, Phase-Contrast
E01.370.350.515.624.....Microscopy, Polarization
E01.370.350.515.666.....Microscopy, Scanning Probe
E01.370.350.515.666.400.....Microscopy, Atomic Force
E01.370.350.515.666.450.....Microscopy, Electrochemical, Scanning
E01.370.350.515.666.500.....Microscopy, Scanning Tunneling
E01.370.350.515.680.....Microscopy, Ultraviolet
E01.370.350.515.690.....Microscopy, Video
E01.370.350.515.717.....Nonlinear Optical Microscopy
E01.370.350.515.717.250.....Microscopy, Fluorescence, Multiphoton
E01.370.350.515.717.500.....Second Harmonic Generation Microscopy
E01.370.350.515.744.....Nuclear Microscopy
E01.370.350.515.799.....Photomicrography
E01.370.350.515.899.....Single Molecule Imaging
E01.370.350.557.....Molecular Imaging
E01.370.350.557.500.....Cell Tracking

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.350.557.750.....Single Molecule Imaging
E01.370.350.567.....Multimodal Imaging
E01.370.350.567.250.....Computed Tomography Angiography
E01.370.350.567.500.....Positron Emission Tomography Computed Tomography
E01.370.350.567.750.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.578.....Neuroimaging
E01.370.350.578.750.....Diffusion Tensor Imaging
E01.370.350.578.875.....Functional Neuroimaging
E01.370.350.578.875.500.....Brain Mapping
E01.370.350.578.875.500.249.....Connectome
E01.370.350.578.937.....Neuroradiography
E01.370.350.578.937.180.....Cerebral Angiography
E01.370.350.578.937.190.....Cerebral Ventriculography
E01.370.350.578.937.260.....Echoencephalography
E01.370.350.578.937.260.850.....Ultrasonography, Doppler, Transcranial
E01.370.350.578.937.505.....Myelography
E01.370.350.578.937.620.....Pneumoencephalography
E01.370.350.589.....Optical Imaging
E01.370.350.589.124.....Narrow Band Imaging
E01.370.350.589.249.....Tomography, Optical
E01.370.350.589.249.500.....Tomography, Optical Coherence
E01.370.350.589.500.....Transillumination
E01.370.350.600.....Photography
E01.370.350.600.300.....Holography
E01.370.350.600.350.....Image Enhancement
E01.370.350.600.350.700.....Radiographic Image Enhancement
E01.370.350.600.350.700.060.....Angiography, Digital Subtraction
E01.370.350.600.350.700.690.....Radiography, Dental, Digital
E01.370.350.600.350.700.700.....Radiography, Dual-Energy Scanned Projection
E01.370.350.600.350.700.810.....Tomography, X-Ray Computed
E01.370.350.600.350.700.810.180.....Colonography, Computed Tomographic
E01.370.350.600.350.700.810.335.....Computed Tomography Angiography
E01.370.350.600.350.700.810.490.....Positron Emission Tomography Computed Tomography
E01.370.350.600.350.700.810.645.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.600.350.700.810.800.....Tomography, Spiral Computed
E01.370.350.600.350.700.810.800.500.....Multidetector Computed Tomography
E01.370.350.600.350.800.....Tomography, Emission-Computed
E01.370.350.600.350.800.399.....Positron-Emission Tomography
E01.370.350.600.350.800.399.500.....Positron Emission Tomography Computed Tomography
E01.370.350.600.350.800.800.....Tomography, Emission-Computed, Single-Photon
E01.370.350.600.350.800.800.500.....Single Photon Emission Computed Tomography Computed Tomography

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.350.600.625.....	Photofluorography
E01.370.350.600.630.....	Photogrammetry
E01.370.350.600.630.500.....	Moire Topography
E01.370.350.600.630.750.....	Radiostereometric Analysis
E01.370.350.600.631.....	Photography, Dental
E01.370.350.600.635.....	Photomicrography
E01.370.350.600.817.....	Time-Lapse Imaging
E01.370.350.700.....	Radiography
E01.370.350.700.024.....	Absorptiometry, Photon
E01.370.350.700.050.....	Age Determination by Skeleton
E01.370.350.700.060.....	Angiography
E01.370.350.700.060.050.....	Angiocardiography
E01.370.350.700.060.060.....	Angiography, Digital Subtraction
E01.370.350.700.060.070.....	Aortography
E01.370.350.700.060.180.....	Cerebral Angiography
E01.370.350.700.060.190.....	Cineangiography
E01.370.350.700.060.200.....	Coronary Angiography
E01.370.350.700.060.600.....	Phlebography
E01.370.350.700.060.610.....	Portography
E01.370.350.700.070.....	Arthrography
E01.370.350.700.150.....	Cineradiography
E01.370.350.700.150.190.....	Cineangiography
E01.370.350.700.200.....	Electrokymography
E01.370.350.700.225.....	Fluoroscopy
E01.370.350.700.225.313.....	Barium Enema
E01.370.350.700.225.625.....	Photofluorography
E01.370.350.700.325.....	Hysterosalpingography
E01.370.350.700.475.....	Lymphography
E01.370.350.700.500.....	Mammography
E01.370.350.700.500.975.....	Xeromammography
E01.370.350.700.510.....	Microradiography
E01.370.350.700.560.....	Neuroradiography
E01.370.350.700.560.180.....	Cerebral Angiography
E01.370.350.700.560.190.....	Cerebral Ventriculography
E01.370.350.700.560.260.....	Echoencephalography
E01.370.350.700.560.260.850.....	Ultrasonography, Doppler, Transcranial
E01.370.350.700.560.505.....	Myelography
E01.370.350.700.560.620.....	Pneumoencephalography
E01.370.350.700.625.....	Pneumoradiography
E01.370.350.700.625.620.....	Pneumoencephalography
E01.370.350.700.700.....	Radiographic Image Enhancement

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.350.700.700.060.....	Angiography, Digital Subtraction
E01.370.350.700.700.690.....	Radiography, Dental, Digital
E01.370.350.700.700.700.....	Radiography, Dual-Energy Scanned Projection
E01.370.350.700.700.810.....	Tomography, X-Ray Computed
E01.370.350.700.700.810.180.....	Colonography, Computed Tomographic
E01.370.350.700.700.810.335.....	Computed Tomography Angiography
E01.370.350.700.700.810.490.....	Four-Dimensional Computed Tomography
E01.370.350.700.700.810.645.....	Positron Emission Tomography Computed Tomography
E01.370.350.700.700.810.723.....	Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.700.700.810.800.....	Tomography, Spiral Computed
E01.370.350.700.700.810.800.500.....	Multidetector Computed Tomography
E01.370.350.700.705.....	Radiographic Image Interpretation, Computer-Assisted
E01.370.350.700.710.....	Radiographic Magnification
E01.370.350.700.715.....	Radiography, Abdominal
E01.370.350.700.715.200.....	Cholangiography
E01.370.350.700.715.200.200.....	Cholangiopancreatography, Endoscopic Retrograde
E01.370.350.700.715.210.....	Cholecystography
E01.370.350.700.715.250.....	Defecography
E01.370.350.700.715.610.....	Portography
E01.370.350.700.720.....	Radiography, Dental
E01.370.350.700.720.050.....	Age Determination by Teeth
E01.370.350.700.720.700.....	Radiography, Bitewing
E01.370.350.700.720.720.....	Radiography, Dental, Digital
E01.370.350.700.720.750.....	Radiography, Panoramic
E01.370.350.700.720.793.....	Sialography
E01.370.350.700.725.....	Radiography, Interventional
E01.370.350.700.730.....	Radiography, Thoracic
E01.370.350.700.730.100.....	Bronchography
E01.370.350.700.730.500.....	Mass Chest X-Ray
E01.370.350.700.750.....	Radiostereometric Analysis
E01.370.350.700.770.....	Sex Determination by Skeleton
E01.370.350.700.810.....	Tomography, X-Ray
E01.370.350.700.810.810.....	Tomography, X-Ray Computed
E01.370.350.700.810.810.180.....	Colonography, Computed Tomographic
E01.370.350.700.810.810.490.....	Cone-Beam Computed Tomography
E01.370.350.700.810.810.490.500.....	Spiral Cone-Beam Computed Tomography
E01.370.350.700.810.810.568.....	Computed Tomography Angiography
E01.370.350.700.810.810.645.....	Four-Dimensional Computed Tomography
E01.370.350.700.810.810.723.....	Positron Emission Tomography Computed Tomography
E01.370.350.700.810.810.762.....	Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.700.810.810.800.....	Tomography, Spiral Computed

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.350.700.810.810.800.249.....Multidetector Computed Tomography
E01.370.350.700.810.810.800.500.....Spiral Cone-Beam Computed Tomography
E01.370.350.700.810.810.900.....X-Ray Microtomography
E01.370.350.700.830.....Urography
E01.370.350.700.830.500.....Cystography
E01.370.350.700.975.....Xeroradiography
E01.370.350.700.975.975.....Xeromammography
E01.370.350.710.....Radionuclide Imaging
E01.370.350.710.299.....Lymphoscintigraphy
E01.370.350.710.600.....Perfusion Imaging
E01.370.350.710.600.500.....Myocardial Perfusion Imaging
E01.370.350.710.710.....Radioimmunodetection
E01.370.350.710.715.....Radionuclide Angiography
E01.370.350.710.715.700.....Radioisotope Renography
E01.370.350.710.715.710.....Radionuclide Ventriculography
E01.370.350.710.715.710.350.....Gated Blood-Pool Imaging
E01.370.350.710.715.710.950.....Ventriculography, First-Pass
E01.370.350.710.800.....Tomography, Emission-Computed
E01.370.350.710.800.399.....Positron-Emission Tomography
E01.370.350.710.800.399.500.....Positron Emission Tomography Computed Tomography
E01.370.350.710.800.800.....Tomography, Emission-Computed, Single-Photon
E01.370.350.710.800.800.500.....Cardiac-Gated Single-Photon Emission Computer-Assisted Tomography
E01.370.350.710.800.800.750.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.730.....Respiratory-Gated Imaging Techniques
E01.370.350.750.....Spectroscopy, Near-Infrared
E01.370.350.755.....Stroboscopy
E01.370.350.760.....Subtraction Technique
E01.370.350.760.060.....Angiography, Digital Subtraction
E01.370.350.760.700.....Radiography, Dual-Energy Scanned Projection
E01.370.350.780.....Terahertz Imaging
E01.370.350.800.....Thermography
E01.370.350.825.....Tomography
E01.370.350.825.249.....Electron Microscope Tomography
E01.370.350.825.500.....Magnetic Resonance Imaging
E01.370.350.825.500.100.....Cholangiopancreatography, Magnetic Resonance
E01.370.350.825.500.150.....Diffusion Magnetic Resonance Imaging
E01.370.350.825.500.200.....Echo-Planar Imaging
E01.370.350.825.500.350.....Fluorine-19 Magnetic Resonance Imaging
E01.370.350.825.500.500.....Magnetic Resonance Angiography
E01.370.350.825.500.510.....Magnetic Resonance Imaging, Cine
E01.370.350.825.800.....Tomography, Emission-Computed

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.350.825.800.399.....Positron-Emission Tomography
E01.370.350.825.800.399.500.....Positron Emission Tomography Computed Tomography
E01.370.350.825.800.800.....Tomography, Emission-Computed, Single-Photon
E01.370.350.825.800.800.500.....Cardiac-Gated Single-Photon Emission Computer-Assisted Tomography
E01.370.350.825.800.800.750.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.825.805.....Tomography, Optical
E01.370.350.825.805.500.....Tomography, Optical Coherence
E01.370.350.825.810.....Tomography, X-Ray
E01.370.350.825.810.810.....Tomography, X-Ray Computed
E01.370.350.825.810.810.399.....Cone-Beam Computed Tomography
E01.370.350.825.810.810.399.500.....Spiral Cone-Beam Computed Tomography
E01.370.350.825.810.810.499.....Computed Tomography Angiography
E01.370.350.825.810.810.599.....Four-Dimensional Computed Tomography
E01.370.350.825.810.810.700.....Positron Emission Tomography Computed Tomography
E01.370.350.825.810.810.750.....Single Photon Emission Computed Tomography Computed Tomography
E01.370.350.825.810.810.800.....Tomography, Spiral Computed
E01.370.350.825.810.810.800.249.....Multidetector Computed Tomography
E01.370.350.825.810.810.800.500.....Spiral Cone-Beam Computed Tomography
E01.370.350.825.810.810.900.....X-Ray Microtomography
E01.370.350.850.....Ultrasonography
E01.370.350.850.150.....Carotid Intima-Media Thickness
E01.370.350.850.220.....Echocardiography
E01.370.350.850.220.220.....Echocardiography, Doppler
E01.370.350.850.220.220.220.....Echocardiography, Doppler, Color
E01.370.350.850.220.220.225.....Echocardiography, Doppler, Pulsed
E01.370.350.850.220.228.....Echocardiography, Stress
E01.370.350.850.220.230.....Echocardiography, Three-Dimensional
E01.370.350.850.220.230.230.....Echocardiography, Four-Dimensional
E01.370.350.850.220.235.....Echocardiography, Transesophageal
E01.370.350.850.260.....Echoencephalography
E01.370.350.850.260.850.....Ultrasonography, Doppler, Transcranial
E01.370.350.850.270.....Elasticity Imaging Techniques
E01.370.350.850.280.....Endosonography
E01.370.350.850.565.....Microscopy, Acoustic
E01.370.350.850.850.....Ultrasonography, Doppler
E01.370.350.850.850.220.....Echocardiography, Doppler
E01.370.350.850.850.220.220.....Echocardiography, Doppler, Color
E01.370.350.850.850.220.225.....Echocardiography, Doppler, Pulsed
E01.370.350.850.850.850.....Ultrasonography, Doppler, Duplex
E01.370.350.850.850.850.850.....Ultrasonography, Doppler, Color
E01.370.350.850.850.850.850.220.....Echocardiography, Doppler, Color



## 2018 MeSH Tree Hierarchy

Tree location
E01.370.350.850.850.860.....Ultrasonography, Doppler, Pulsed
E01.370.350.850.850.860.225.....Echocardiography, Doppler, Pulsed
E01.370.350.850.850.870.....Ultrasonography, Doppler, Transcranial
E01.370.350.850.855.....Ultrasonography, Interventional
E01.370.350.850.855.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.350.850.860.....Ultrasonography, Mammary
E01.370.350.850.865.....Ultrasonography, Prenatal
E01.370.350.850.865.249.....Cervical Length Measurement
E01.370.350.850.865.500.....Nuchal Translucency Measurement
E01.370.350.887.....Voltage-Sensitive Dye Imaging
E01.370.350.925.....Whole Body Imaging
E01.370.360.....Diagnostic Self Evaluation
E01.370.370.....Diagnostic Techniques, Cardiovascular
E01.370.370.050.....Angiography
E01.370.370.050.050.....Angiocardiography
E01.370.370.050.060.....Angiography, Digital Subtraction
E01.370.370.050.070.....Aortography
E01.370.370.050.180.....Cerebral Angiography
E01.370.370.050.190.....Cineangiography
E01.370.370.050.200.....Coronary Angiography
E01.370.370.050.350.....Fluorescein Angiography
E01.370.370.050.500.....Magnetic Resonance Angiography
E01.370.370.050.600.....Phlebography
E01.370.370.050.610.....Portography
E01.370.370.050.650.....Radionuclide Angiography
E01.370.370.050.650.650.....Radionuclide Ventriculography
E01.370.370.050.650.650.350.....Gated Blood-Pool Imaging
E01.370.370.050.650.650.950.....Ventriculography, First-Pass
E01.370.370.065.....Angioscopy
E01.370.370.120.....Blood Circulation Time
E01.370.370.130.....Blood Flow Velocity
E01.370.370.140.....Blood Pressure Determination
E01.370.370.140.049.....Ankle Brachial Index
E01.370.370.140.100.....Blood Pressure Monitoring, Ambulatory
E01.370.370.150.....Blood Volume Determination
E01.370.370.170.....Capillary Fragility
E01.370.370.180.....Carotid Intima-Media Thickness
E01.370.370.380.....Heart Function Tests
E01.370.370.380.050.....Angiocardiography
E01.370.370.380.100.....Ballistocardiography
E01.370.370.380.140.....Cardiac Catheterization

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.370.380.140.210.....	Catheterization, Swan-Ganz
E01.370.370.380.150.....	Cardiac Output
E01.370.370.380.150.700.....	Stroke Volume
E01.370.370.380.160.....	Cardiography, Impedance
E01.370.370.380.170.....	Cardiotocography
E01.370.370.380.200.....	Coronary Angiography
E01.370.370.380.220.....	Echocardiography
E01.370.370.380.220.220.....	Echocardiography, Doppler
E01.370.370.380.220.220.220.....	Echocardiography, Doppler, Color
E01.370.370.380.220.220.225.....	Echocardiography, Doppler, Pulsed
E01.370.370.380.220.228.....	Echocardiography, Stress
E01.370.370.380.220.230.....	Echocardiography, Three-Dimensional
E01.370.370.380.220.230.230.....	Echocardiography, Four-Dimensional
E01.370.370.380.220.235.....	Echocardiography, Transesophageal
E01.370.370.380.240.....	Electrocardiography
E01.370.370.380.240.230.....	Electrocardiography, Ambulatory
E01.370.370.380.240.850.....	Vectorcardiography
E01.370.370.380.240.850.100.....	Body Surface Potential Mapping
E01.370.370.380.245.....	Electrophysiologic Techniques, Cardiac
E01.370.370.380.245.500.....	Epicardial Mapping
E01.370.370.380.250.....	Exercise Test
E01.370.370.380.250.500.....	Walk Test
E01.370.370.380.400.....	Heart Auscultation
E01.370.370.380.400.500.....	Phonocardiography
E01.370.370.380.425.....	Heart Rate Determination
E01.370.370.380.450.....	Kinetocardiography
E01.370.370.380.487.....	Magnetocardiography
E01.370.370.380.500.....	Myocardial Perfusion Imaging
E01.370.370.380.600.....	Oximetry
E01.370.370.380.600.100.....	Blood Gas Monitoring, Transcutaneous
E01.370.370.380.650.....	Pulse
E01.370.370.380.710.....	Radionuclide Ventriculography
E01.370.370.380.710.350.....	Gated Blood-Pool Imaging
E01.370.370.380.710.950.....	Ventriculography, First-Pass
E01.370.370.380.950.....	Valsalva Maneuver
E01.370.370.428.....	Hemodynamic Monitoring
E01.370.370.475.....	Laser-Doppler Flowmetry
E01.370.370.560.....	Microscopic Angioscopy
E01.370.370.610.....	Plethysmography
E01.370.370.610.600.....	Photoplethysmography
E01.370.370.610.610.....	Plethysmography, Impedance

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.370.610.610.200.....Cardiography, Impedance
E01.370.370.610.805.....Plethysmography, Whole Body
E01.370.370.680.....Pulse Wave Analysis
E01.370.370.750.....Tilt-Table Test
E01.370.372.....Diagnostic Techniques, Digestive System
E01.370.372.200.....Cholangiography
E01.370.372.200.200.....Cholangiopancreatography, Endoscopic Retrograde
E01.370.372.207.....Cholangiopancreatography, Magnetic Resonance
E01.370.372.210.....Cholecystography
E01.370.372.230.....Colonography, Computed Tomographic
E01.370.372.250.....Endoscopy, Digestive System
E01.370.372.250.200.....Cholangiopancreatography, Endoscopic Retrograde
E01.370.372.250.250.....Endoscopy, Gastrointestinal
E01.370.372.250.250.100.....Balloon Enteroscopy
E01.370.372.250.250.100.500.....Double-Balloon Enteroscopy
E01.370.372.250.250.100.750.....Single-Balloon Enteroscopy
E01.370.372.250.250.200.....Colonoscopy
E01.370.372.250.250.200.700.....Sigmoidoscopy
E01.370.372.250.250.225.....Duodenoscopy
E01.370.372.250.250.250.....Endoscopic Mucosal Resection
E01.370.372.250.250.275.....Esophagoscopy
E01.370.372.250.250.325.....Gastrosocopy
E01.370.372.250.250.600.....Proctoscopy
E01.370.372.255.....Esophageal pH Monitoring
E01.370.372.300.....Gastric Acidity Determination
E01.370.372.310.....Gastrointestinal Transit
E01.370.372.450.....Lactose Tolerance Test
E01.370.372.460.....Liver Function Tests
E01.370.372.600.....Pancreatic Function Tests
E01.370.372.610.....Portography
E01.370.372.700.....Sialography
E01.370.374.....Diagnostic Techniques, Endocrine
E01.370.374.050.....Adrenal Cortex Function Tests
E01.370.374.100.....Blood Glucose Self-Monitoring
E01.370.374.355.....Glucose Tolerance Test
E01.370.374.530.....Ovarian Function Tests
E01.370.374.600.....Pituitary-Adrenal Function Tests
E01.370.374.605.....Pituitary Function Tests
E01.370.374.650.....Radioligand Assay
E01.370.374.750.....Thyroid Function Tests
E01.370.376.....Diagnostic Techniques, Neurological

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.376.300.....	Electroencephalography
E01.370.376.300.150.....	Brain Waves
E01.370.376.300.150.374.....	Alpha Rhythm
E01.370.376.300.150.750.....	Beta Rhythm
E01.370.376.300.150.875.....	Delta Rhythm
E01.370.376.300.150.906.....	Gamma Rhythm
E01.370.376.300.150.937.....	Theta Rhythm
E01.370.376.300.294.....	Electrocorticography
E01.370.376.300.437.....	Electroencephalography Phase Synchronization
E01.370.376.300.437.500.....	Cortical Synchronization
E01.370.376.500.....	Magnetoencephalography
E01.370.376.525.....	Neuroendoscopy
E01.370.376.537.....	Neuroimaging
E01.370.376.537.500.....	Diffusion Tensor Imaging
E01.370.376.537.625.....	Functional Neuroimaging
E01.370.376.537.625.500.....	Brain Mapping
E01.370.376.537.625.500.249.....	Connectome
E01.370.376.537.750.....	Neuroradiography
E01.370.376.537.750.180.....	Cerebral Angiography
E01.370.376.537.750.190.....	Cerebral Ventriculography
E01.370.376.537.750.260.....	Echoencephalography
E01.370.376.537.750.260.850.....	Ultrasonography, Doppler, Transcranial
E01.370.376.537.750.505.....	Myelography
E01.370.376.537.750.620.....	Pneumoencephalography
E01.370.376.550.....	Neurologic Examination
E01.370.376.550.650.....	Reflex
E01.370.376.550.650.324.....	Diving Reflex
E01.370.376.550.650.650.....	Reflex, Abdominal
E01.370.376.550.650.655.....	Reflex, Abnormal
E01.370.376.550.650.670.....	Reflex, Acoustic
E01.370.376.550.650.680.....	Reflex, Babinski
E01.370.376.550.650.690.....	Reflex, Pupillary
E01.370.376.550.650.695.....	Reflex, Righting
E01.370.376.550.650.700.....	Reflex, Stretch
E01.370.376.550.650.800.....	Reflex, Startle
E01.370.376.625.....	Olfactometry
E01.370.376.700.....	Spinal Puncture
E01.370.378.....	Diagnostic Techniques, Obstetrical and Gynecological
E01.370.378.150.....	Colposcopy
E01.370.378.155.....	Culdoscopy
E01.370.378.225.....	Fallopian Tube Patency Tests

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.378.230.....Fetal Monitoring
E01.370.378.230.150.....Cardiotocography
E01.370.378.325.....Hysterosalpingography
E01.370.378.330.....Hysteroscopy
E01.370.378.530.....Ovarian Function Tests
E01.370.378.530.550.....Ovulation Detection
E01.370.378.530.775.....Ovulation Prediction
E01.370.378.605.....Pelvimetry
E01.370.378.610.....Placental Function Tests
E01.370.378.620.....Pregnancy Tests
E01.370.378.620.620.....Pregnancy Tests, Immunologic
E01.370.378.625.....Preimplantation Diagnosis
E01.370.378.630.....Prenatal Diagnosis
E01.370.378.630.050.....Amniocentesis
E01.370.378.630.150.....Chorionic Villi Sampling
E01.370.378.630.300.....Fetoscopy
E01.370.378.630.582.....Maternal Serum Screening Tests
E01.370.378.630.865.....Ultrasonography, Prenatal
E01.370.378.630.865.249.....Cervical Length Measurement
E01.370.378.630.865.500.....Nuchal Translucency Measurement
E01.370.378.850.....Ultrasonography, Mammary
E01.370.378.860.....Uterine Monitoring
E01.370.378.900.....Vaginal Smears
E01.370.380.....Diagnostic Techniques, Ophthalmological
E01.370.380.074.....Aberrometry
E01.370.380.112.....Corneal Pachymetry
E01.370.380.150.....Corneal Topography
E01.370.380.225.....Electroretinography
E01.370.380.230.....Eye Movement Measurements
E01.370.380.230.280.....Electronystagmography
E01.370.380.230.285.....Electrooculography
E01.370.380.245.....Flicker Fusion
E01.370.380.250.....Fluorescein Angiography
E01.370.380.255.....Fluorophotometry
E01.370.380.300.....Gonioscopy
E01.370.380.550.....Ophthalmodynamometry
E01.370.380.560.....Ophthalmoscopy
E01.370.380.560.500.....Retinoscopy
E01.370.380.655.....Scanning Laser Polarimetry
E01.370.380.727.....Slit Lamp Microscopy
E01.370.380.750.....Tonometry, Ocular

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.380.850.....Vision Tests
E01.370.380.850.150.....Color Perception Tests
E01.370.380.850.700.....Refraction, Ocular
E01.370.380.850.900.....Vision Screening
E01.370.380.850.950.....Visual Acuity
E01.370.380.850.950.500.....Contrast Sensitivity
E01.370.380.850.950.750.....Emmetropia
E01.370.380.850.962.....Visual Field Tests
E01.370.382.....Diagnostic Techniques, Otological
E01.370.382.375.....Hearing Tests
E01.370.382.375.050.....Acoustic Impedance Tests
E01.370.382.375.060.....Audiometry
E01.370.382.375.060.050.....Audiometry, Evoked Response
E01.370.382.375.060.055.....Audiometry, Pure-Tone
E01.370.382.375.060.060.....Audiometry, Speech
E01.370.382.375.060.060.750.....Speech Discrimination Tests
E01.370.382.375.060.060.760.....Speech Reception Threshold Test
E01.370.382.375.060.530.....Psychoacoustics
E01.370.382.375.200.....Dichotic Listening Tests
E01.370.382.375.650.....Recruitment Detection, Audiologic
E01.370.382.637.....Otoscopy
E01.370.382.900.....Vestibular Function Tests
E01.370.382.900.150.....Caloric Tests
E01.370.382.900.280.....Electronystagmography
E01.370.382.900.640.....Head Impulse Test
E01.370.384.....Diagnostic Techniques, Radioisotope
E01.370.384.700.....Radioimmunoassay
E01.370.384.710.....Radioisotope Dilution Technique
E01.370.384.720.....Radioligand Assay
E01.370.384.730.....Radionuclide Imaging
E01.370.384.730.176.....Lymphoscintigraphy
E01.370.384.730.354.....Perfusion Imaging
E01.370.384.730.354.500.....Myocardial Perfusion Imaging
E01.370.384.730.710.....Radioimmunodetection
E01.370.384.730.715.....Radionuclide Angiography
E01.370.384.730.715.700.....Radioisotope Renography
E01.370.384.730.715.710.....Radionuclide Ventriculography
E01.370.384.730.715.710.350.....Gated Blood-Pool Imaging
E01.370.384.730.715.710.950.....Ventriculography, First-Pass
E01.370.384.730.800.....Tomography, Emission-Computed
E01.370.384.730.800.399.....Positron-Emission Tomography

## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.384.730.800.399.500.....	Positron Emission Tomography Computed Tomography
E01.370.384.730.800.800.....	Tomography, Emission-Computed, Single-Photon
E01.370.384.730.800.800.500.....	Cardiac-Gated Single-Photon Emission Computer-Assisted Tomography
E01.370.384.730.800.800.750.....	Single Photon Emission Computed Tomography Computed Tomography
E01.370.384.750.....	Schilling Test
E01.370.386.....	Diagnostic Techniques, Respiratory System
E01.370.386.100.....	Bronchography
E01.370.386.105.....	Bronchoscopy
E01.370.386.460.....	Laryngoscopy
E01.370.386.500.....	Mass Chest X-Ray
E01.370.386.520.....	Mucociliary Clearance
E01.370.386.550.....	Nasal Provocation Tests
E01.370.386.700.....	Respiratory Function Tests
E01.370.386.700.050.....	Airway Resistance
E01.370.386.700.100.....	Blood Gas Analysis
E01.370.386.700.100.600.....	Oximetry
E01.370.386.700.100.600.100.....	Blood Gas Monitoring, Transcutaneous
E01.370.386.700.125.....	Bronchial Provocation Tests
E01.370.386.700.150.....	Capnography
E01.370.386.700.250.....	Exercise Test
E01.370.386.700.475.....	Lung Compliance
E01.370.386.700.485.....	Lung Volume Measurements
E01.370.386.700.485.750.....	Total Lung Capacity
E01.370.386.700.485.750.150.....	Closing Volume
E01.370.386.700.485.750.275.....	Functional Residual Capacity
E01.370.386.700.485.750.275.260.....	Expiratory Reserve Volume
E01.370.386.700.485.750.275.650.....	Residual Volume
E01.370.386.700.485.750.900.....	Vital Capacity
E01.370.386.700.485.750.900.260.....	Expiratory Reserve Volume
E01.370.386.700.485.750.900.350.....	Inspiratory Capacity
E01.370.386.700.485.750.900.350.350.....	Inspiratory Reserve Volume
E01.370.386.700.485.750.900.350.750.....	Tidal Volume
E01.370.386.700.550.....	Maximal Respiratory Pressures
E01.370.386.700.615.....	Plethysmography, Whole Body
E01.370.386.700.650.....	Pulmonary Gas Exchange
E01.370.386.700.650.650.....	Pulmonary Diffusing Capacity
E01.370.386.700.650.900.....	Ventilation-Perfusion Ratio
E01.370.386.700.660.....	Pulmonary Ventilation
E01.370.386.700.660.225.....	Forced Expiratory Flow Rates
E01.370.386.700.660.225.500.....	Maximal Expiratory Flow Rate
E01.370.386.700.660.225.505.....	Maximal Expiratory Flow-Volume Curves

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.386.700.660.225.510.....Maximal Midexpiratory Flow Rate
E01.370.386.700.660.225.600.....Peak Expiratory Flow Rate
E01.370.386.700.660.230.....Forced Expiratory Volume
E01.370.386.700.660.500.....Maximal Voluntary Ventilation
E01.370.386.700.750.....Spirometry
E01.370.386.700.750.100.....Bronchspirometry
E01.370.386.700.950.....Valsalva Maneuver
E01.370.386.700.975.....Work of Breathing
E01.370.386.720.....Respiratory Sounds
E01.370.386.730.....Respiratory-Gated Imaging Techniques
E01.370.386.740.....Rhinomanometry
E01.370.386.870.....Rhinometry, Acoustic
E01.370.388.....Diagnostic Techniques, Surgical
E01.370.388.100.....Biopsy
E01.370.388.100.100.....Biopsy, Needle
E01.370.388.100.100.500.....Biopsy, Fine-Needle
E01.370.388.100.100.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.388.100.100.750.....Biopsy, Large-Core Needle
E01.370.388.100.150.....Chorionic Villi Sampling
E01.370.388.100.160.....Conization
E01.370.388.100.370.....Image-Guided Biopsy
E01.370.388.100.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E01.370.388.100.580.....Sentinel Lymph Node Biopsy
E01.370.388.250.....Endoscopy
E01.370.388.250.035.....Angioscopy
E01.370.388.250.070.....Arthroscopy
E01.370.388.250.100.....Bronchoscopy
E01.370.388.250.150.....Colposcopy
E01.370.388.250.160.....Culdoscopy
E01.370.388.250.180.....Cystoscopy
E01.370.388.250.250.....Endoscopy, Digestive System
E01.370.388.250.250.160.....Cholangiopancreatography, Endoscopic Retrograde
E01.370.388.250.250.250.....Endoscopy, Gastrointestinal
E01.370.388.250.250.250.070.....Balloon Enteroscopy
E01.370.388.250.250.250.070.500.....Double-Balloon Enteroscopy
E01.370.388.250.250.250.070.750.....Single-Balloon Enteroscopy
E01.370.388.250.250.250.140.....Capsule Endoscopy
E01.370.388.250.250.250.160.....Colonoscopy
E01.370.388.250.250.250.160.800.....Sigmoidoscopy
E01.370.388.250.250.250.200.....Duodenoscopy
E01.370.388.250.250.250.230.....Endoscopic Mucosal Resection



## 2018 MeSH Tree Hierarchy

Tree location	
E01.370.388.250.250.250.260.....	Esophagoscopy
E01.370.388.250.250.250.320.....	Gastroscopy
E01.370.388.250.250.250.680.....	Proctoscopy
E01.370.388.250.280.....	Fetoscopy
E01.370.388.250.360.....	Hysteroscopy
E01.370.388.250.520.....	Laparoscopy
E01.370.388.250.520.500.....	Hand-Assisted Laparoscopy
E01.370.388.250.525.....	Laryngoscopy
E01.370.388.250.560.....	Mediastinoscopy
E01.370.388.250.630.....	Natural Orifice Endoscopic Surgery
E01.370.388.250.630.500.....	Transanal Endoscopic Surgery
E01.370.388.250.630.500.500.....	Transanal Endoscopic Microsurgery
E01.370.388.250.700.....	Neuroendoscopy
E01.370.388.250.840.....	Thoracoscopy
E01.370.388.250.840.830.....	Thoracic Surgery, Video-Assisted
E01.370.388.250.920.....	Ureteroscopy
E01.370.388.250.950.....	Video-Assisted Surgery
E01.370.388.250.950.830.....	Thoracic Surgery, Video-Assisted
E01.370.388.600.....	Pneumomediastinum, Diagnostic
E01.370.388.605.....	Pneumoperitoneum, Artificial
E01.370.390.....	Diagnostic Techniques, Urological
E01.370.390.050.....	Antibody-Coated Bacteria Test, Urinary
E01.370.390.175.....	Cystoscopy
E01.370.390.400.....	Kidney Function Tests
E01.370.390.400.100.....	Blood Urea Nitrogen
E01.370.390.400.300.....	Glomerular Filtration Rate
E01.370.390.400.700.....	Radioisotope Renography
E01.370.390.550.....	Nephrostomy, Percutaneous
E01.370.390.800.....	Ureteroscopy
E01.370.390.810.....	Urinalysis
E01.370.390.820.....	Urinary Catheterization
E01.370.390.830.....	Urography
E01.370.390.830.500.....	Cystography
E01.370.395.....	Diagnostic Tests, Routine
E01.370.398.....	Direct-To-Consumer Screening and Testing
E01.370.400.....	Disability Evaluation
E01.370.400.925.....	Work Capacity Evaluation
E01.370.405.....	Electrodiagnosis
E01.370.405.240.....	Electrocardiography
E01.370.405.240.230.....	Electrocardiography, Ambulatory
E01.370.405.240.850.....	Vectorcardiography

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.405.240.850.100.....Body Surface Potential Mapping
E01.370.405.245.....Electroencephalography
E01.370.405.245.287.....Brain Waves
E01.370.405.245.287.374.....Alpha Rhythm
E01.370.405.245.287.750.....Beta Rhythm
E01.370.405.245.287.875.....Delta Rhythm
E01.370.405.245.287.906.....Gamma Rhythm
E01.370.405.245.287.937.....Theta Rhythm
E01.370.405.245.431.....Electrocorticography
E01.370.405.245.575.....Electroencephalography Phase Synchronization
E01.370.405.245.575.500.....Cortical Synchronization
E01.370.405.250.....Electrokymography
E01.370.405.255.....Electromyography
E01.370.405.260.....Electronystagmography
E01.370.405.265.....Electrooculography
E01.370.405.267.....Electrophysiologic Techniques, Cardiac
E01.370.405.270.....Electroretinography
E01.370.405.435.....Magnetocardiography
E01.370.405.440.....Magnetoencephalography
E01.370.405.610.....Plethysmography, Impedance
E01.370.450.....Insufflation
E01.370.475.....Kymography
E01.370.475.200.....Electrokymography
E01.370.500.....Mass Screening
E01.370.500.174.....Anonymous Testing
E01.370.500.500.....Mass Chest X-Ray
E01.370.500.540.....Multiphasic Screening
E01.370.500.580.....Neonatal Screening
E01.370.502.....Resonance Frequency Analysis
E01.370.503.....Traditional Pulse Diagnosis
E01.370.505.....Surgical Clearance
E01.370.510.....Medical History Taking
E01.370.510.150.....Cornell Medical Index
E01.370.510.700.....Reproductive History
E01.370.520.....Monitoring, Physiologic
E01.370.520.049.....Actigraphy
E01.370.520.100.....Blood Glucose Self-Monitoring
E01.370.520.200.....Drug Monitoring
E01.370.520.215.....Esophageal pH Monitoring
E01.370.520.230.....Fetal Monitoring
E01.370.520.230.150.....Cardiotocography

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.520.365.....Hemodynamic Monitoring
E01.370.520.500.....Monitoring, Ambulatory
E01.370.520.500.100.....Blood Pressure Monitoring, Ambulatory
E01.370.520.500.230.....Electrocardiography, Ambulatory
E01.370.520.505.....Monitoring, Immunologic
E01.370.520.510.....Monitoring, Intraoperative
E01.370.520.510.500.....Intraoperative Neurophysiological Monitoring
E01.370.520.567.....Neuromuscular Monitoring
E01.370.520.596.....Neurophysiological Monitoring
E01.370.520.596.500.....Intraoperative Neurophysiological Monitoring
E01.370.520.625.....Polysomnography
E01.370.520.750.....Telemetry
E01.370.520.750.500.....Remote Sensing Technology
E01.370.520.860.....Uterine Monitoring
E01.370.530.....Myography
E01.370.530.255.....Electromyography
E01.370.565.....Photoacoustic Techniques
E01.370.600.....Physical Examination
E01.370.600.024.....Anthropometry
E01.370.600.024.250.....Cephalometry
E01.370.600.024.450.....Kinanthropometry
E01.370.600.024.650.....Odontometry
E01.370.600.024.650.500.....Age Determination by Teeth
E01.370.600.024.690.....Pelvimetry
E01.370.600.050.....Apgar Score
E01.370.600.060.....Auscultation
E01.370.600.060.400.....Heart Auscultation
E01.370.600.100.....Blood Pressure Determination
E01.370.600.115.....Body Constitution
E01.370.600.115.100.....Body Weights and Measures
E01.370.600.115.100.062.....Body Fat Distribution
E01.370.600.115.100.062.500.....Adiposity
E01.370.600.115.100.125.....Body Mass Index
E01.370.600.115.100.160.....Body Size
E01.370.600.115.100.160.100.....Body Height
E01.370.600.115.100.160.100.500.....Crown-Rump Length
E01.370.600.115.100.160.120.....Body Weight
E01.370.600.115.100.160.120.186.....Birth Weight
E01.370.600.115.100.160.120.300.....Fetal Weight
E01.370.600.115.100.160.120.499.....Ideal Body Weight
E01.370.600.115.100.160.120.699.....Overweight

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.600.115.100.160.120.699.500.....Obesity
E01.370.600.115.100.160.120.699.500.249.....Obesity, Abdominal
E01.370.600.115.100.160.120.699.500.375.....Obesity, Metabolically Benign
E01.370.600.115.100.160.120.699.500.500.....Obesity, Morbid
E01.370.600.115.100.160.120.699.500.750.....Pediatric Obesity
E01.370.600.115.100.160.120.828.....Thinness
E01.370.600.115.100.160.340.....Sagittal Abdominal Diameter
E01.370.600.115.100.160.560.....Waist Circumference
E01.370.600.115.100.160.560.500.....Lipid Accumulation Product
E01.370.600.115.100.160.780.....Waist-Height Ratio
E01.370.600.115.100.231.....Body Surface Area
E01.370.600.115.100.660.....Organ Size
E01.370.600.115.100.660.500.....Axial Length, Eye
E01.370.600.115.100.803.....Skinfold Thickness
E01.370.600.115.100.960.....Waist-Hip Ratio
E01.370.600.115.275.....Breast Density
E01.370.600.115.450.....Physical Appearance, Body
E01.370.600.115.450.500.....Skin Pigmentation
E01.370.600.115.800.....Somatotypes
E01.370.600.225.....Facial Expression
E01.370.600.230.....Facies
E01.370.600.250.....Gait
E01.370.600.250.500.....Walking Speed
E01.370.600.293.....Gynecological Examination
E01.370.600.315.....Heart Rate Determination
E01.370.600.337.....Metabolic Equivalent
E01.370.600.425.....Muscle Strength
E01.370.600.425.500.....Hand Strength
E01.370.600.425.500.500.....Pinch Strength
E01.370.600.550.....Neurologic Examination
E01.370.600.550.162.....Abnormal Involuntary Movement Scale
E01.370.600.550.324.....Pain Measurement
E01.370.600.550.650.....Reflex
E01.370.600.550.650.324.....Diving Reflex
E01.370.600.550.650.650.....Reflex, Abdominal
E01.370.600.550.650.655.....Reflex, Abnormal
E01.370.600.550.650.670.....Reflex, Acoustic
E01.370.600.550.650.680.....Reflex, Babinski
E01.370.600.550.650.690.....Reflex, Pupillary
E01.370.600.550.650.695.....Reflex, Righting
E01.370.600.550.650.700.....Reflex, Stretch

## 2018 MeSH Tree Hierarchy

Tree location
E01.370.600.550.650.800.....Reflex, Startle
E01.370.600.600.....Palpation
E01.370.600.600.500.....Digital Rectal Examination
E01.370.600.610.....Percussion
E01.370.600.620.....Pigmentation
E01.370.600.620.750.....Skin Pigmentation
E01.370.600.700.....Range of Motion, Articular
E01.370.600.700.500.....Arthrometry, Articular
E01.370.600.750.....Self-Examination
E01.370.600.750.100.....Breast Self-Examination
E01.370.600.875.....Vital Signs
E01.370.600.875.249.....Blood Pressure
E01.370.600.875.374.....Body Temperature
E01.370.600.875.500.....Heart Rate
E01.370.600.875.875.....Respiratory Rate
E01.370.620.....Premarital Examinations
E01.370.685.....Psychophysics
E01.370.685.628.....Psychoacoustics
E01.370.685.814.....Signal Detection, Psychological
E01.370.760.....Speech Production Measurement
E01.370.760.760.....Speech Articulation Tests
E01.370.872.....Symptom Assessment
E01.370.928.....Visual Analog Scale
E01.370.985.....Xenodiagnosis
E01.390.....Early Diagnosis
E01.390.500.....Early Detection of Cancer
E01.410.....Incidental Findings
E01.599.....Prodromal Symptoms
E01.789.....Prognosis
E01.789.200.....Disease-Free Survival
E01.789.600.....Medical Futility
E01.789.612.....Neoplasm Grading
E01.789.625.....Neoplasm Staging
E01.789.650.....Nomograms
E01.789.700.....Pregnancy Outcome
E01.789.800.....Treatment Outcome
E01.789.800.379.....Response Evaluation Criteria in Solid Tumors
E01.789.800.570.....Sustained Virologic Response
E01.789.800.665.....Therapeutic Index
E01.789.800.665.500.....Therapeutic Index, Drug
E01.789.800.760.....Treatment Failure

## 2018 MeSH Tree Hierarchy

Tree location
E01.789.800.760.500.....Failure to Rescue, Health Care
E01.894.....Theranostic Nanomedicine
E02.....Therapeutics
E02.037.....Acoustic Stimulation
E02.041.....Airway Management
E02.041.249.....Airway Extubation
E02.041.500.....Intubation, Intratracheal
E02.041.500.475.....Laryngeal Masks
E02.041.625.....Respiration, Artificial
E02.041.625.508.....High-Frequency Ventilation
E02.041.625.508.510.....High-Frequency Jet Ventilation
E02.041.625.516.....Interactive Ventilatory Support
E02.041.625.525.....Liquid Ventilation
E02.041.625.591.....Noninvasive Ventilation
E02.041.625.657.....One-Lung Ventilation
E02.041.625.790.....Positive-Pressure Respiration
E02.041.625.790.259.....Continuous Positive Airway Pressure
E02.041.625.790.520.....Intermittent Positive-Pressure Breathing
E02.041.625.790.550.....Intermittent Positive-Pressure Ventilation
E02.041.625.950.....Ventilator Weaning
E02.041.750.....Tracheostomy
E02.046.....Apitherapy
E02.056.....Balneology
E02.056.020.....Ammotherapy
E02.056.110.....Baths
E02.056.610.....Mud Therapy
E02.056.902.....Steam Bath
E02.075.....Bed Rest
E02.085.....Behavior Control
E02.085.700.....Restraint, Physical
E02.095.....Biological Therapy
E02.095.125.....Blood Patch, Epidural
E02.095.135.....Blood Transfusion
E02.095.135.140.....Blood Component Transfusion
E02.095.135.140.275.....Erythrocyte Transfusion
E02.095.135.140.425.....Leukocyte Transfusion
E02.095.135.140.425.445.....Lymphocyte Transfusion
E02.095.135.140.650.....Platelet Transfusion
E02.095.135.164.....Blood Transfusion, Autologous
E02.095.135.264.....Blood Transfusion, Intrauterine
E02.095.135.469.....Exchange Transfusion, Whole Blood

## 2018 MeSH Tree Hierarchy

Tree location
E02.095.135.750.....Plasma Exchange
E02.095.147.....Cell- and Tissue-Based Therapy
E02.095.147.500.....Cell Transplantation
E02.095.147.500.250.....Islets of Langerhans Transplantation
E02.095.147.500.500.....Stem Cell Transplantation
E02.095.147.500.500.312.....Cord Blood Stem Cell Transplantation
E02.095.147.500.500.500.....Hematopoietic Stem Cell Transplantation
E02.095.147.500.500.500.500.....Peripheral Blood Stem Cell Transplantation
E02.095.147.500.500.625.....Mesenchymal Stem Cell Transplantation
E02.095.147.725.....Tissue Transplantation
E02.095.147.725.040.....Bone Marrow Transplantation
E02.095.147.725.052.....Bone Transplantation
E02.095.147.725.065.....Bone-Patellar Tendon-Bone Grafting
E02.095.147.725.090.....Brain Tissue Transplantation
E02.095.147.725.225.....Corneal Transplantation
E02.095.147.725.225.225.....Epikeratophakia
E02.095.147.725.225.350.....Keratoplasty, Penetrating
E02.095.147.725.262.....Descemet Stripping Endothelial Keratoplasty
E02.095.147.725.300.....Fetal Tissue Transplantation
E02.095.147.725.490.....Liver Transplantation
E02.095.147.725.700.....Skin Transplantation
E02.095.160.....Cytapheresis
E02.095.160.570.....Leukapheresis
E02.095.160.790.....Plateletpheresis
E02.095.231.....Fecal Microbiota Transplantation
E02.095.301.....Genetic Therapy
E02.095.301.250.....RNAi Therapeutics
E02.095.301.500.....Targeted Gene Repair
E02.095.410.....Hematopoietic Stem Cell Mobilization
E02.095.437.....Immunomagnetic Separation
E02.095.465.....Immunomodulation
E02.095.465.425.....Immunotherapy
E02.095.465.425.400.....Immunization
E02.095.465.425.400.330.....Immunization, Passive
E02.095.465.425.400.330.050.....Adoptive Transfer
E02.095.465.425.400.330.050.400.....Immunotherapy, Adoptive
E02.095.465.425.400.470.....Immunization Schedule
E02.095.465.425.400.485.....Immunization, Secondary
E02.095.465.425.400.530.....Immunotherapy, Active
E02.095.465.425.400.530.890.....Vaccination
E02.095.465.425.400.530.890.500.....Mass Vaccination

## 2018 MeSH Tree Hierarchy

Tree location
E02.095.465.425.450.....Immunosuppression
E02.095.465.425.450.310.....Desensitization, Immunologic
E02.095.465.425.450.310.500.....Sublingual Immunotherapy
E02.095.465.425.450.440.....Graft Enhancement, Immunologic
E02.095.465.425.450.521.....Lymphocyte Depletion
E02.095.465.425.450.800.....Transplantation Conditioning
E02.095.465.425.750.....Radioimmunotherapy
E02.095.601.....Oncolytic Virotherapy
E02.095.682.....Organotherapy
E02.095.682.884.....Tissue Therapy, Historical
E02.095.841.....Phage Therapy
E02.120.....Blood Component Removal
E02.120.142.....Bone Marrow Purging
E02.120.285.....Cytapheresis
E02.120.285.570.....Leukapheresis
E02.120.285.790.....Plateletpheresis
E02.120.527.....Leukocyte Reduction Procedures
E02.120.527.570.....Leukapheresis
E02.120.770.....Plasmapheresis
E02.148.....Catheterization
E02.148.050.....Angioplasty
E02.148.050.060.....Angioplasty, Balloon
E02.148.050.060.100.....Angioplasty, Balloon, Coronary
E02.148.050.060.105.....Angioplasty, Balloon, Laser-Assisted
E02.148.050.075.....Angioplasty, Laser
E02.148.050.075.080.....Angioplasty, Balloon, Laser-Assisted
E02.148.050.120.....Atherectomy
E02.148.050.120.125.....Atherectomy, Coronary
E02.148.093.....Balloon Embolectomy
E02.148.106.....Balloon Occlusion
E02.148.106.500.....Uterine Balloon Tamponade
E02.148.108.....Balloon Valvuloplasty
E02.148.167.....Catheterization, Central Venous
E02.148.224.....Catheterization, Peripheral
E02.148.224.165.....Catheterization, Swan-Ganz
E02.148.442.....Cardiac Catheterization
E02.148.442.165.....Catheterization, Swan-Ganz
E02.148.947.....Urinary Catheterization
E02.148.947.500.....Intermittent Urethral Catheterization
E02.154.....Cautery
E02.154.402.....Electrocoagulation



## 2018 MeSH Tree Hierarchy

Tree location
E02.154.402.054.....Argon Plasma Coagulation
E02.168.....Chronotherapy
E02.168.500.....Drug Chronotherapy
E02.175.....Climatotherapy
E02.183.....Clinical Protocols
E02.183.750.....Antineoplastic Protocols
E02.183.750.500.....Antineoplastic Combined Chemotherapy Protocols
E02.183.875.....Standing Orders
E02.186.....Combined Modality Therapy
E02.186.079.....Chemoradiotherapy
E02.186.079.500.....Chemoradiotherapy, Adjuvant
E02.186.170.....Chemotherapy, Adjuvant
E02.186.250.....Electroacupuncture
E02.186.450.....Neoadjuvant Therapy
E02.186.500.....Photochemotherapy
E02.186.750.....Radioimmunotherapy
E02.186.775.....Radiotherapy, Adjuvant
E02.190.....Complementary Therapies
E02.190.044.....Acupuncture Therapy
E02.190.044.105.....Acupuncture Analgesia
E02.190.044.133.....Acupuncture, Ear
E02.190.044.244.....Electroacupuncture
E02.190.044.555.....Meridians
E02.190.044.555.035.....Acupuncture Points
E02.190.044.588.....Moxibustion
E02.190.088.....Anthroposophy
E02.190.204.....Auriculotherapy
E02.190.204.500.....Acupuncture, Ear
E02.190.262.....Diffuse Noxious Inhibitory Control
E02.190.321.....Holistic Health
E02.190.321.500.....Bioresonance Therapy
E02.190.388.....Homeopathy
E02.190.438.....Horticultural Therapy
E02.190.463.....Integrative Oncology
E02.190.488.....Medicine, Traditional
E02.190.488.505.....Medicine, African Traditional
E02.190.488.510.....Medicine, Arabic
E02.190.488.510.500.....Medicine, Unani
E02.190.488.515.....Medicine, Ayurvedic
E02.190.488.585.....Medicine, East Asian Traditional
E02.190.488.585.520.....Medicine, Chinese Traditional

## 2018 MeSH Tree Hierarchy

Tree location
E02.190.488.585.600.....Medicine, Kampo
E02.190.488.585.700.....Medicine, Korean Traditional
E02.190.488.585.850.....Medicine, Mongolian Traditional
E02.190.488.585.875.....Medicine, Tibetan Traditional
E02.190.488.830.....Shamanism
E02.190.506.....Mesootherapy
E02.190.525.....Mind-Body Therapies
E02.190.525.061.....Aromatherapy
E02.190.525.123.....Biofeedback, Psychology
E02.190.525.123.500.....Neurofeedback
E02.190.525.186.....Breathing Exercises
E02.190.525.186.500.....Qigong
E02.190.525.217.....Hypnosis
E02.190.525.217.100.....Autogenic Training
E02.190.525.217.771.....Suggestion
E02.190.525.217.771.100.....Autosuggestion
E02.190.525.249.....Imagery (Psychotherapy)
E02.190.525.311.....Laughter Therapy
E02.190.525.374.....Meditation
E02.190.525.500.....Mental Healing
E02.190.525.781.....Psychodrama
E02.190.525.781.653.....Role Playing
E02.190.525.812.....Psychophysiology
E02.190.525.875.....Relaxation Therapy
E02.190.525.890.....Tai Ji
E02.190.525.906.....Therapeutic Touch
E02.190.525.937.....Yoga
E02.190.599.....Musculoskeletal Manipulations
E02.190.599.186.....Kinesiology, Applied
E02.190.599.233.....Manipulation, Chiropractic
E02.190.599.280.....Manipulation, Osteopathic
E02.190.599.750.....Therapy, Soft Tissue
E02.190.599.750.500.....Acupressure
E02.190.599.750.750.....Massage
E02.190.599.750.750.500.....Manual Lymphatic Drainage
E02.190.655.....Naturopathy
E02.190.701.....Organotherapy
E02.190.701.884.....Tissue Therapy, Historical
E02.190.755.....Phytotherapy
E02.190.755.100.....Aromatherapy
E02.190.755.624.....Eclecticism, Historical

## 2018 MeSH Tree Hierarchy

Tree location
E02.190.777.....Prolotherapy
E02.190.799.....Reflexotherapy
E02.190.888.....Sensory Art Therapies
E02.190.888.030.....Acoustic Stimulation
E02.190.888.061.....Aromatherapy
E02.190.888.124.....Art Therapy
E02.190.888.249.....Color Therapy
E02.190.888.374.....Dance Therapy
E02.190.888.500.....Music Therapy
E02.190.888.625.....Play Therapy
E02.190.894.....Speleotherapy
E02.190.901.....Spiritual Therapies
E02.190.901.155.....Faith Healing
E02.190.901.411.....Magic
E02.190.901.433.....Medicine, African Traditional
E02.190.901.455.....Meditation
E02.190.901.500.....Mental Healing
E02.190.901.740.....Radiesthesia
E02.190.901.788.....Shamanism
E02.190.901.830.....Therapeutic Touch
E02.190.901.968.....Witchcraft
E02.190.901.984.....Yoga
E02.197.....Conservative Treatment
E02.208.....Contraindications
E02.208.200.....Contraindications, Drug
E02.208.600.....Contraindications, Procedure
E02.218.....Cosmetic Techniques
E02.218.042.....Abdominoplasty
E02.218.064.....Body Contouring
E02.218.085.....Body Modification, Non-Therapeutic
E02.218.085.090.....Body Piercing
E02.218.085.165.....Circumcision, Female
E02.218.085.170.....Circumcision, Male
E02.218.085.840.....Tattooing
E02.218.170.....Chemexfoliation
E02.218.210.....Dermabrasion
E02.218.372.....Hair Removal
E02.218.530.....Lipectomy
E02.218.565.....Mammoplasty
E02.218.565.210.....Breast Implantation
E02.218.660.....Mesotherapy

## 2018 MeSH Tree Hierarchy

Tree location
E02.218.707.....Plasma Skin Regeneration
E02.218.755.....Rhinoplasty
E02.218.765.....Rhytidoplasty
E02.258.....Cryotherapy
E02.258.750.....Hypothermia, Induced
E02.258.750.500.....Gastric Hypothermia
E02.278.....Decompression
E02.278.500.....Lower Body Negative Pressure
E02.288.....Delayed Diagnosis
E02.299.....Directly Observed Therapy
E02.309.....Drainage
E02.309.221.....Drainage, Postural
E02.309.416.....Manual Lymphatic Drainage
E02.309.610.....Negative-Pressure Wound Therapy
E02.309.805.....Paracentesis
E02.319.....Drug Therapy
E02.319.077.....Antineoplastic Protocols
E02.319.077.500.....Antineoplastic Combined Chemotherapy Protocols
E02.319.155.....Chelation Therapy
E02.319.162.....Chemoprevention
E02.319.162.150.....Antibiotic Prophylaxis
E02.319.162.575.....Mass Drug Administration
E02.319.164.....Chemoradiotherapy
E02.319.164.500.....Chemoradiotherapy, Adjuvant
E02.319.170.....Chemotherapy, Adjuvant
E02.319.218.....Consolidation Chemotherapy
E02.319.267.....Drug Administration Routes
E02.319.267.050.....Administration, Inhalation
E02.319.267.082.....Administration, Intravenous
E02.319.267.082.500.....Infusions, Intravenous
E02.319.267.082.750.....Injections, Intravenous
E02.319.267.100.....Administration, Oral
E02.319.267.100.028.....Administration, Buccal
E02.319.267.100.878.....Administration, Sublingual
E02.319.267.120.....Administration, Topical
E02.319.267.120.040.....Administration, Buccal
E02.319.267.120.060.....Administration, Cutaneous
E02.319.267.120.500.....Administration, Intravaginal
E02.319.267.120.505.....Administration, Intravesical
E02.319.267.120.655.....Administration, Mucosal
E02.319.267.120.655.500.....Administration, Intranasal

## 2018 MeSH Tree Hierarchy

Tree location
E02.319.267.120.655.750.....Administration, Rectal
E02.319.267.120.805.....Administration, Ophthalmic
E02.319.267.200.....Chemotherapy, Cancer, Regional Perfusion
E02.319.267.510.....Infusions, Parenteral
E02.319.267.510.520.....Infusions, Intra-Arterial
E02.319.267.510.555.....Infusions, Intralesional
E02.319.267.510.560.....Infusions, Intraosseous
E02.319.267.510.590.....Infusions, Intravenous
E02.319.267.510.692.....Infusions, Intraventricular
E02.319.267.510.794.....Infusions, Spinal
E02.319.267.510.795.....Infusions, Subcutaneous
E02.319.267.510.795.500.....Hypodermoclysis
E02.319.267.530.....Injections
E02.319.267.530.370.....Injections, Intra-Arterial
E02.319.267.530.380.....Injections, Intra-Articular
E02.319.267.530.380.500.....Viscosupplementation
E02.319.267.530.430.....Injections, Intralesional
E02.319.267.530.440.....Injections, Intralymphatic
E02.319.267.530.460.....Injections, Intramuscular
E02.319.267.530.475.....Injections, Intraocular
E02.319.267.530.475.500.....Intravitreal Injections
E02.319.267.530.490.....Injections, Intraperitoneal
E02.319.267.530.540.....Injections, Intravenous
E02.319.267.530.550.....Injections, Intraventricular
E02.319.267.530.580.....Injections, Spinal
E02.319.267.530.580.300.....Injections, Epidural
E02.319.267.530.580.300.145.....Blood Patch, Epidural
E02.319.267.530.620.....Injections, Subcutaneous
E02.319.267.530.620.410.....Injections, Intradermal
E02.319.267.530.620.570.....Injections, Jet
E02.319.267.530.620.570.100.....Bioplastics
E02.319.267.530.620.785.....Mesotherapy
E02.319.267.530.655.....Injection, Intra-tympanic
E02.319.267.530.690.....Microinjections
E02.319.267.641.....Instillation, Drug
E02.319.267.650.....Iontophoresis
E02.319.267.700.....Phonophoresis
E02.319.283.....Drug Administration Schedule
E02.319.283.199.....Administration, Metronomic
E02.319.283.400.....Drug Chronotherapy
E02.319.283.600.....Pulse Therapy, Drug

## 2018 MeSH Tree Hierarchy

Tree location
E02.319.300.....Drug Delivery Systems
E02.319.300.127.....Abuse-Deterrent Formulations
E02.319.300.253.....Delayed-Action Preparations
E02.319.300.380.....Drug Carriers
E02.319.300.380.200.....Dendrimers
E02.319.300.380.575.....Nanocapsules
E02.319.300.380.600.....Nanoconjugates
E02.319.300.508.....Insulin Infusion Systems
E02.319.300.754.....Pharmaceutical Vehicles
E02.319.305.....Drug Dosage Calculations
E02.319.306.....Drug Misuse
E02.319.306.500.....Prescription Drug Misuse
E02.319.306.500.500.....Drug Overdose
E02.319.306.500.750.....Prescription Drug Overuse
E02.319.307.....Drug Prescriptions
E02.319.307.312.....Drug Substitution
E02.319.307.500.....Off-Label Use
E02.319.310.....Drug Therapy, Combination
E02.319.310.037.....Antineoplastic Combined Chemotherapy Protocols
E02.319.310.075.....Antiretroviral Therapy, Highly Active
E02.319.335.....Drug Therapy, Computer-Assisted
E02.319.341.....Electrochemotherapy
E02.319.347.....Enema
E02.319.347.500.....Barium Enema
E02.319.353.....Enzyme Therapy
E02.319.353.500.....Enzyme Replacement Therapy
E02.319.360.....Fluid Therapy
E02.319.360.500.....Hypodermoclysis
E02.319.444.....Home Infusion Therapy
E02.319.452.....Hormone Replacement Therapy
E02.319.452.150.....Estrogen Replacement Therapy
E02.319.490.....Inappropriate Prescribing
E02.319.499.....Induction Chemotherapy
E02.319.509.....Maintenance Chemotherapy
E02.319.529.....Medication Errors
E02.319.529.500.....Medication Reconciliation
E02.319.529.750.....Near Miss, Healthcare
E02.319.574.....Molecular Targeted Therapy
E02.319.620.....Opiate Substitution Treatment
E02.319.630.....Orthomolecular Therapy
E02.319.685.....Photochemotherapy

## 2018 MeSH Tree Hierarchy

Tree location
E02.319.694.....Pleurodesis
E02.319.698.....Polypharmacy
E02.319.698.500.....Deprescriptions
E02.319.703.....Premedication
E02.319.703.150.....Antibiotic Prophylaxis
E02.319.805.....Sclerotherapy
E02.319.890.....Self Administration
E02.319.900.....Self Medication
E02.319.913.....Thrombolytic Therapy
E02.319.913.500.....Hirudin Therapy
E02.331.....Electric Stimulation Therapy
E02.331.200.....Cardiac Pacing, Artificial
E02.331.200.500.....Cardiac Resynchronization Therapy
E02.331.300.....Deep Brain Stimulation
E02.331.350.....Electric Countershock
E02.331.399.....Electroacupuncture
E02.331.599.....Pulsed Radiofrequency Treatment
E02.331.699.....Spinal Cord Stimulation
E02.331.750.....Transcranial Direct Current Stimulation
E02.331.800.....Transcutaneous Electric Nerve Stimulation
E02.331.900.....Vagus Nerve Stimulation
E02.365.....Emergency Treatment
E02.365.152.....Advanced Trauma Life Support Care
E02.365.305.....First Aid
E02.365.476.....Heimlich Maneuver
E02.365.647.....Resuscitation
E02.365.647.110.....Cardiopulmonary Resuscitation
E02.365.647.110.500.....Advanced Cardiac Life Support
E02.365.647.375.....Heart Massage
E02.365.647.729.....Respiration, Artificial
E02.365.647.740.....Resuscitation Orders
E02.365.839.....Transportation of Patients
E02.421.....Feeding Methods
E02.421.150.....Bottle Feeding
E02.421.360.....Enteral Nutrition
E02.421.505.....Parenteral Nutrition
E02.421.505.550.....Parenteral Nutrition, Home
E02.421.505.550.565.....Parenteral Nutrition, Home Total
E02.421.505.575.....Parenteral Nutrition, Total
E02.421.505.575.565.....Parenteral Nutrition, Home Total
E02.467.....Fetal Therapies

## 2018 MeSH Tree Hierarchy

Tree location
E02.467.500.....Blood Transfusion, Intrauterine
E02.467.750.....Fetoscopy
E02.514.....Hemodilution
E02.520.....Hemostatic Techniques
E02.520.089.....Argon Plasma Coagulation
E02.520.360.....Embolization, Therapeutic
E02.520.360.150.....Chemoembolization, Therapeutic
E02.520.360.575.....Uterine Artery Embolization
E02.520.392.....Endotamponade
E02.520.392.500.....Balloon Occlusion
E02.520.392.500.500.....Uterine Balloon Tamponade
E02.520.425.....Hemostasis, Endoscopic
E02.520.490.....Hemostasis, Surgical
E02.520.745.....Light Coagulation
E02.520.745.410.....Laser Coagulation
E02.547.....Hygiene
E02.547.300.....Hand Hygiene
E02.547.600.....Oral Hygiene
E02.547.800.....Skin Care
E02.547.800.500.....Skin Cream
E02.565.....Hyperthermia, Induced
E02.565.020.....Amniotherapy
E02.565.280.....Diathermy
E02.565.280.853.....Short-Wave Therapy
E02.565.280.945.....Ultrasonic Therapy
E02.565.280.945.200.....Extracorporeal Shockwave Therapy
E02.565.280.945.399.....High-Intensity Focused Ultrasound Ablation
E02.565.280.945.399.500.....Ultrasound, High-Intensity Focused, Transrectal
E02.565.640.....Steam Bath
E02.570.....Obesity Management
E02.570.500.....Bariatrics
E02.570.500.062.....Bariatric Surgery
E02.570.500.062.249.....Gastric Bypass
E02.570.500.062.750.....Gastroplasty
E02.570.500.062.875.....Jejunioileal Bypass
E02.570.500.062.937.....Lipectomy
E02.574.....Precision Medicine
E02.583.....Insufflation
E02.585.....Intubation
E02.585.412.....Intubation, Gastrointestinal
E02.585.578.....Intubation, Intratracheal



## 2018 MeSH Tree Hierarchy

Tree location
E02.585.578.475.....Laryngeal Masks
E02.587.....Ischemic Postconditioning
E02.592.....Ischemic Preconditioning
E02.592.325.....Ischemic Preconditioning, Myocardial
E02.594.....Laser Therapy
E02.594.060.....Angioplasty, Laser
E02.594.060.080.....Angioplasty, Balloon, Laser-Assisted
E02.594.480.....Corneal Surgery, Laser
E02.594.480.500.....Keratectomy, Subepithelial, Laser-Assisted
E02.594.480.750.....Keratomileusis, Laser In Situ
E02.594.480.875.....Photorefractive Keratectomy
E02.594.530.....Laser Coagulation
E02.594.540.....Low-Level Light Therapy
E02.594.550.....Lithotripsy, Laser
E02.596.....Leeching
E02.600.....Lithotripsy
E02.600.500.....Lithotripsy, Laser
E02.621.....Magnetic Field Therapy
E02.621.820.....Transcranial Magnetic Stimulation
E02.631.....Mechanical Thrombolysis
E02.642.....Nutrition Therapy
E02.642.249.....Diet Therapy
E02.642.249.200.....Caloric Restriction
E02.642.249.220.....Diet, Carbohydrate Loading
E02.642.249.240.....Diet, Diabetic
E02.642.249.245.....Diet, Carbohydrate-Restricted
E02.642.249.245.250.....Diet, High-Protein Low-Carbohydrate
E02.642.249.245.500.....Diet, Ketogenic
E02.642.249.260.....Diet, Fat-Restricted
E02.642.249.265.....Diet, Gluten-Free
E02.642.249.268.....Diet, High-Protein
E02.642.249.268.500.....Diet, High-Protein Low-Carbohydrate
E02.642.249.270.....Diet, Mediterranean
E02.642.249.275.....Diet, Paleolithic
E02.642.249.280.....Diet, Protein-Restricted
E02.642.249.285.....Diet, Reducing
E02.642.249.290.....Diet, Sodium-Restricted
E02.642.249.300.....Diet, Vegetarian
E02.642.249.300.500.....Diet, Macrobiotic
E02.642.249.300.750.....Diet, Vegan
E02.642.249.475.....Dietary Approaches To Stop Hypertension

## 2018 MeSH Tree Hierarchy

Tree location
E02.642.500.....Nutritional Support
E02.642.500.360.....Enteral Nutrition
E02.642.500.505.....Parenteral Nutrition
E02.642.500.505.550.....Parenteral Nutrition, Home
E02.642.500.505.550.565.....Parenteral Nutrition, Home Total
E02.642.500.505.750.....Parenteral Nutrition, Total
E02.642.500.505.750.565.....Parenteral Nutrition, Home Total
E02.674.....Organ Sparing Treatments
E02.706.....Orthokeratologic Procedures
E02.718.....Orthopedic Procedures
E02.718.275.....Cementoplasty
E02.718.275.500.....Vertebroplasty
E02.718.275.500.500.....Kyphoplasty
E02.718.444.....Discectomy
E02.718.444.200.....Discectomy, Percutaneous
E02.718.500.....Intervertebral Disc Chemolysis
E02.718.563.....Laminectomy
E02.718.594.....Laminoplasty
E02.718.625.....Manipulation, Orthopedic
E02.718.688.....Posterior Cruciate Ligament Reconstruction
E02.718.750.....Ulnar Collateral Ligament Reconstruction
E02.718.875.....Viscosupplementation
E02.730.....Orthoptics
E02.745.....Pain Management
E02.760.....Patient Care
E02.760.106.....Ambulatory Care
E02.760.106.500.....Peritoneal Dialysis, Continuous Ambulatory
E02.760.148.....Bloodless Medical and Surgical Procedures
E02.760.169.....Continuity of Patient Care
E02.760.169.063.....Aftercare
E02.760.169.063.500.....Rehabilitation
E02.760.169.063.500.067.....Activities of Daily Living
E02.760.169.063.500.083.....Animal Assisted Therapy
E02.760.169.063.500.083.500.....Equine-Assisted Therapy
E02.760.169.063.500.100.....Art Therapy
E02.760.169.063.500.169.....Bibliotherapy
E02.760.169.063.500.185.....Cardiac Rehabilitation
E02.760.169.063.500.200.....Correction of Hearing Impairment
E02.760.169.063.500.200.221.....Communication Methods, Total
E02.760.169.063.500.200.432.....Lipreading
E02.760.169.063.500.200.609.....Manual Communication

## 2018 MeSH Tree Hierarchy

Tree location
E02.760.169.063.500.200.609.668.....Sign Language
E02.760.169.063.500.230.....Dance Therapy
E02.760.169.063.500.335.....Early Ambulation
E02.760.169.063.500.387.....Exercise Therapy
E02.760.169.063.500.387.500.....Motion Therapy, Continuous Passive
E02.760.169.063.500.387.750.....Muscle Stretching Exercises
E02.760.169.063.500.387.812.....Plyometric Exercise
E02.760.169.063.500.387.875.....Resistance Training
E02.760.169.063.500.440.....Music Therapy
E02.760.169.063.500.477.....Neurological Rehabilitation
E02.760.169.063.500.477.500.....Stroke Rehabilitation
E02.760.169.063.500.489.....Occupational Therapy
E02.760.169.063.500.580.....Recreation Therapy
E02.760.169.063.500.727.....Rehabilitation of Speech and Language Disorders
E02.760.169.063.500.727.344.....Language Therapy
E02.760.169.063.500.727.442.....Myofunctional Therapy
E02.760.169.063.500.727.541.....Speech, Alaryngeal
E02.760.169.063.500.727.541.677.....Speech, Esophageal
E02.760.169.063.500.727.552.....Speech Therapy
E02.760.169.063.500.727.862.....Voice Training
E02.760.169.063.500.782.....Rehabilitation, Vocational
E02.760.169.063.500.891.....Telerehabilitation
E02.760.169.125.....Patient Discharge
E02.760.169.249.....Patient Handoff
E02.760.169.624.....Patient Transfer
E02.760.169.718.....Transition to Adult Care
E02.760.169.812.....Transitional Care
E02.760.190.....Critical Care
E02.760.190.203.....Early Goal-Directed Therapy
E02.760.190.405.....Intensive Care, Neonatal
E02.760.215.....Custodial Care
E02.760.246.....Day Care, Medical
E02.760.300.....Episode of Care
E02.760.352.....Foster Home Care
E02.760.400.....Hospitalization
E02.760.400.480.....Length of Stay
E02.760.400.600.....Patient Admission
E02.760.400.610.....Patient Discharge
E02.760.400.615.....Patient Handoff
E02.760.400.620.....Patient Readmission
E02.760.400.630.....Patient Transfer

## 2018 MeSH Tree Hierarchy

Tree location
E02.760.415.....Institutionalization
E02.760.415.280.....Deinstitutionalization
E02.760.440.....Life Support Care
E02.760.440.028.....Advanced Cardiac Life Support
E02.760.440.040.....Advanced Trauma Life Support Care
E02.760.476.....Long-Term Care
E02.760.564.....Night Care
E02.760.611.....Nursing Care
E02.760.611.470.....Home Nursing
E02.760.611.470.610.....Respite Care
E02.760.611.735.....Primary Care Nursing
E02.760.666.....Palliative Care
E02.760.670.....Patient Positioning
E02.760.670.500.....Kangaroo-Mother Care Method
E02.760.703.....Perinatal Care
E02.760.703.500.....Postnatal Care
E02.760.731.....Perioperative Care
E02.760.731.400.....Intraoperative Care
E02.760.731.500.....Perioperative Nursing
E02.760.731.700.....Postoperative Care
E02.760.775.....Preconception Care
E02.760.786.....Prenatal Care
E02.760.795.....Preoperative Care
E02.760.850.....Subacute Care
E02.760.905.....Terminal Care
E02.760.905.199.....Euthanasia
E02.760.905.199.249.....Euthanasia, Active
E02.760.905.199.249.200.....Euthanasia, Active, Voluntary
E02.760.905.199.249.750.....Euthanasia, Animal
E02.760.905.199.500.....Euthanasia, Passive
E02.760.905.400.....Hospice Care
E02.760.905.700.....Resuscitation Orders
E02.760.905.850.....Suicide, Assisted
E02.760.928.....Time-to-Treatment
E02.760.940.....Transitional Care
E02.760.952.....Withholding Treatment
E02.760.952.500.....Euthanasia, Passive
E02.765.....Patient Care Bundles
E02.770.....Patient Isolation
E02.774.....Phototherapy
E02.774.215.....Color Therapy

## 2018 MeSH Tree Hierarchy

Tree location
E02.774.430.....Heliotherapy
E02.774.465.....Intense Pulsed Light Therapy
E02.774.500.....Low-Level Light Therapy
E02.774.722.....Photochemotherapy
E02.774.722.435.....Hematoporphyrin Photoradiation
E02.774.945.....Ultraviolet Therapy
E02.774.945.500.....PUVA Therapy
E02.774.945.500.500.....Photopheresis
E02.779.....Physical Therapy Modalities
E02.779.124.....Animal Assisted Therapy
E02.779.124.500.....Equine-Assisted Therapy
E02.779.358.....Drainage, Postural
E02.779.468.....Electric Stimulation Therapy
E02.779.468.399.....Electroacupuncture
E02.779.468.599.....Pulsed Radiofrequency Treatment
E02.779.468.699.....Spinal Cord Stimulation
E02.779.468.800.....Transcutaneous Electric Nerve Stimulation
E02.779.474.....Exercise Movement Techniques
E02.779.474.124.....Breathing Exercises
E02.779.474.124.500.....Qigong
E02.779.474.186.....Dance Therapy
E02.779.474.913.....Tai Ji
E02.779.474.937.....Yoga
E02.779.483.....Exercise Therapy
E02.779.483.500.....Motion Therapy, Continuous Passive
E02.779.483.750.....Muscle Stretching Exercises
E02.779.483.812.....Plyometric Exercise
E02.779.483.875.....Resistance Training
E02.779.488.....Extracorporeal Shockwave Therapy
E02.779.492.....Hydrotherapy
E02.779.492.500.....Therapeutic Irrigation
E02.779.867.....Musculoskeletal Manipulations
E02.779.867.344.....Kinesiology, Applied
E02.779.867.433.....Manipulation, Orthopedic
E02.779.867.444.....Manipulation, Osteopathic
E02.779.867.466.....Manipulation, Spinal
E02.779.867.761.....Motion Therapy, Continuous Passive
E02.779.867.880.....Therapy, Soft Tissue
E02.779.867.880.500.....Acupressure
E02.779.867.880.750.....Massage
E02.779.867.880.750.500.....Manual Lymphatic Drainage

## 2018 MeSH Tree Hierarchy

Tree location
E02.779.933.....Myofunctional Therapy
E02.785.....Placebos
E02.792.....Preservation, Biological
E02.792.156.....Cryopreservation
E02.792.156.260.....Freeze Drying
E02.792.156.260.270.....Freeze Substitution
E02.792.643.....Refrigeration
E02.792.833.....Tissue Preservation
E02.792.833.230.....Blood Preservation
E02.792.833.230.500.....Blood Safety
E02.792.833.660.....Organ Preservation
E02.792.833.890.....Semen Preservation
E02.794.....Prosthesis Fitting
E02.794.500.....Prosthesis Retention
E02.800.....Punctures
E02.800.550.....Paracentesis
E02.800.550.310.....Arthrocentesis
E02.800.550.465.....Cordocentesis
E02.800.550.620.....Pericardiocentesis
E02.800.550.810.....Thoracentesis
E02.800.550.905.....Tympanocentesis
E02.800.558.....Phlebotomy
E02.800.558.500.....Bloodletting
E02.800.779.....Spinal Puncture
E02.815.....Radiotherapy
E02.815.150.....Brachytherapy
E02.815.160.....Chemoradiotherapy
E02.815.160.500.....Chemoradiotherapy, Adjuvant
E02.815.190.....Cranial Irradiation
E02.815.190.600.....Pituitary Irradiation
E02.815.230.....Craniospinal Irradiation
E02.815.250.....Heavy Ion Radiotherapy
E02.815.270.....Hemibody Irradiation
E02.815.350.....Lymphatic Irradiation
E02.815.435.....Proton Therapy
E02.815.520.....Radioimmunotherapy
E02.815.530.....Radiosurgery
E02.815.565.....Radiotherapy Setup Errors
E02.815.600.....Radiotherapy, Adjuvant
E02.815.635.....Radiotherapy, Computer-Assisted
E02.815.635.700.....Radiotherapy, Conformal

## 2018 MeSH Tree Hierarchy

Tree location	
E02.815.635.700.700.....	Radiotherapy, Intensity-Modulated
E02.815.639.....	Radiotherapy Dosage
E02.815.639.200.....	Dose Fractionation
E02.815.639.200.500.....	Dose Hypofractionation
E02.815.639.600.....	Dose Hypofractionation
E02.815.722.....	Radiotherapy, High-Energy
E02.815.722.500.....	Neutron Capture Therapy
E02.815.722.500.100.....	Boron Neutron Capture Therapy
E02.815.722.820.....	Radioisotope Teletherapy
E02.815.768.....	Radiotherapy, Image-Guided
E02.815.791.....	Re-Irradiation
E02.815.814.....	Whole-Body Irradiation
E02.815.907.....	X-Ray Therapy
E02.831.....	Rehabilitation
E02.831.067.....	Activities of Daily Living
E02.831.100.....	Art Therapy
E02.831.169.....	Bibliotherapy
E02.831.185.....	Cardiac Rehabilitation
E02.831.200.....	Correction of Hearing Impairment
E02.831.200.221.....	Communication Methods, Total
E02.831.200.432.....	Lipreading
E02.831.200.609.....	Manual Communication
E02.831.200.609.668.....	Sign Language
E02.831.230.....	Dance Therapy
E02.831.335.....	Early Ambulation
E02.831.440.....	Music Therapy
E02.831.477.....	Neurological Rehabilitation
E02.831.477.500.....	Stroke Rehabilitation
E02.831.489.....	Occupational Therapy
E02.831.535.....	Physical Therapy Modalities
E02.831.535.358.....	Drainage, Postural
E02.831.535.468.....	Electric Stimulation Therapy
E02.831.535.468.399.....	Electroacupuncture
E02.831.535.468.599.....	Pulsed Radiofrequency Treatment
E02.831.535.468.699.....	Spinal Cord Stimulation
E02.831.535.468.800.....	Transcutaneous Electric Nerve Stimulation
E02.831.535.483.....	Exercise Therapy
E02.831.535.483.500.....	Motion Therapy, Continuous Passive
E02.831.535.483.750.....	Muscle Stretching Exercises
E02.831.535.483.812.....	Plyometric Exercise
E02.831.535.483.875.....	Resistance Training

## 2018 MeSH Tree Hierarchy

Tree location	
E02.831.535.488.....	Extracorporeal Shockwave Therapy
E02.831.535.492.....	Hydrotherapy
E02.831.535.492.500.....	Therapeutic Irrigation
E02.831.535.867.....	Musculoskeletal Manipulations
E02.831.535.867.344.....	Kinesiology, Applied
E02.831.535.867.433.....	Manipulation, Orthopedic
E02.831.535.867.444.....	Manipulation, Osteopathic
E02.831.535.867.466.....	Manipulation, Spinal
E02.831.535.867.761.....	Motion Therapy, Continuous Passive
E02.831.535.867.880.....	Therapy, Soft Tissue
E02.831.535.867.880.500.....	Acupressure
E02.831.535.867.880.750.....	Massage
E02.831.535.867.880.750.500.....	Manual Lymphatic Drainage
E02.831.535.933.....	Myofunctional Therapy
E02.831.580.....	Recreation Therapy
E02.831.727.....	Rehabilitation of Speech and Language Disorders
E02.831.727.344.....	Language Therapy
E02.831.727.442.....	Myofunctional Therapy
E02.831.727.541.....	Speech, Alaryngeal
E02.831.727.541.677.....	Speech, Esophageal
E02.831.727.552.....	Speech Therapy
E02.831.727.862.....	Voice Training
E02.831.782.....	Rehabilitation, Vocational
E02.831.891.....	Telerehabilitation
E02.849.....	Rejuvenation
E02.860.....	Remission Induction
E02.860.500.....	Induction Chemotherapy
E02.870.....	Renal Replacement Therapy
E02.870.300.....	Renal Dialysis
E02.870.300.200.....	Hemodiafiltration
E02.870.300.300.....	Hemodialysis, Home
E02.870.300.650.....	Peritoneal Dialysis
E02.870.300.650.500.....	Peritoneal Dialysis, Continuous Ambulatory
E02.870.500.....	Kidney Transplantation
E02.875.....	Reproductive Techniques
E02.875.194.....	Contraception
E02.875.194.250.....	Coitus Interruptus
E02.875.194.285.....	Contraception, Barrier
E02.875.194.300.....	Contraception, Immunologic
E02.875.194.540.....	Contraception, Postcoital
E02.875.194.573.....	Contraceptive Effectiveness



## 2018 MeSH Tree Hierarchy

Tree location	
E02.875.194.589.....	Long-Acting Reversible Contraception
E02.875.194.605.....	Natural Family Planning Methods
E02.875.194.670.....	Ovulation Inhibition
E02.875.194.910.....	Sterilization, Reproductive
E02.875.390.....	Fallopian Tube Patency Tests
E02.875.690.....	Ovulation Detection
E02.875.745.....	Ovulation Prediction
E02.875.800.....	Reproductive Techniques, Assisted
E02.875.800.250.....	Donor Conception
E02.875.800.500.....	Embryo Transfer
E02.875.800.500.500.....	Single Embryo Transfer
E02.875.800.625.....	Fertility Preservation
E02.875.800.750.....	Fertilization in Vitro
E02.875.800.750.350.....	Mitochondrial Replacement Therapy
E02.875.800.750.700.....	Sperm Injections, Intracytoplasmic
E02.875.800.875.....	Gamete Intrafallopian Transfer
E02.875.800.906.....	In Vitro Oocyte Maturation Techniques
E02.875.800.937.....	Insemination, Artificial
E02.875.800.937.515.....	Insemination, Artificial, Heterologous
E02.875.800.937.525.....	Insemination, Artificial, Homologous
E02.875.800.968.....	Oocyte Donation
E02.875.800.976.....	Oocyte Retrieval
E02.875.800.984.....	Ovulation Induction
E02.875.800.984.500.....	Superovulation
E02.875.800.986.....	Posthumous Conception
E02.875.800.988.....	Sperm Retrieval
E02.875.800.992.....	Zygote Intrafallopian Transfer
E02.875.900.....	Tocolysis
E02.880.....	Respiratory Therapy
E02.880.130.....	Chest Wall Oscillation
E02.880.150.....	Drainage, Postural
E02.880.301.....	Extracorporeal Membrane Oxygenation
E02.880.690.....	Oxygen Inhalation Therapy
E02.880.690.490.....	Hyperbaric Oxygenation
E02.880.820.....	Respiration, Artificial
E02.880.820.508.....	High-Frequency Ventilation
E02.880.820.508.510.....	High-Frequency Jet Ventilation
E02.880.820.516.....	Interactive Ventilatory Support
E02.880.820.525.....	Liquid Ventilation
E02.880.820.657.....	Noninvasive Ventilation
E02.880.820.790.....	Positive-Pressure Respiration

## 2018 MeSH Tree Hierarchy

Tree location	
E02.880.820.790.259.....	Continuous Positive Airway Pressure
E02.880.820.790.520.....	Intermittent Positive-Pressure Breathing
E02.880.820.790.550.....	Intermittent Positive-Pressure Ventilation
E02.880.820.950.....	Ventilator Weaning
E02.887.....	Retreatment
E02.887.500.....	Re-Irradiation
E02.891.....	Rewarming
E02.895.....	Salvage Therapy
E02.897.....	Secondary Prevention
E02.900.....	Self Care
E02.900.100.....	Blood Glucose Self-Monitoring
E02.900.890.....	Self Administration
E02.900.900.....	Self Medication
E02.906.....	Sex Reassignment Procedures
E02.906.500.....	Sex Reassignment Surgery
E02.912.....	Sorption Detoxification
E02.912.300.....	Enterosorption
E02.912.430.....	Hemoperfusion
E02.912.715.....	Plasmapheresis
E02.912.800.....	Renal Dialysis
E02.912.800.200.....	Hemodiafiltration
E02.912.800.300.....	Hemodialysis, Home
E02.912.800.650.....	Peritoneal Dialysis
E02.912.800.650.500.....	Peritoneal Dialysis, Continuous Ambulatory
E02.919.....	Tertiary Prevention
E02.921.....	Theranostic Nanomedicine
E02.926.....	Therapeutic Occlusion
E02.926.500.....	Embolization, Therapeutic
E02.926.500.074.....	Balloon Occlusion
E02.926.500.074.500.....	Uterine Balloon Tamponade
E02.926.500.150.....	Chemoembolization, Therapeutic
E02.926.500.575.....	Uterine Artery Embolization
E02.931.....	Therapies, Investigational
E02.931.500.....	Compassionate Use Trials
E02.950.....	Therapy, Computer-Assisted
E02.950.825.....	Radiotherapy Planning, Computer-Assisted
E02.950.875.....	Surgery, Computer-Assisted
E02.950.875.500.....	Robotic Surgical Procedures
E02.960.....	Therapy with Helminths
E03.....	Anesthesia and Analgesia
E03.091.....	Analgesia

## 2018 MeSH Tree Hierarchy

Tree location
E03.091.048.....Acupuncture Analgesia
E03.091.080.....Analgesia, Epidural
E03.091.110.....Analgesia, Obstetrical
E03.091.120.....Analgesia, Patient-Controlled
E03.091.214.....Audioanalgesia
E03.091.322.....Diffuse Noxious Inhibitory Control
E03.091.430.....Interpleural Analgesia
E03.091.646.....Neuroleptanalgesia
E03.091.823.....Transcutaneous Electric Nerve Stimulation
E03.091.823.500.....Electroacupuncture
E03.155.....Anesthesia
E03.155.086.....Anesthesia, Conduction
E03.155.086.131.....Anesthesia, Epidural
E03.155.086.131.100.....Anesthesia, Caudal
E03.155.086.231.....Anesthesia, Local
E03.155.086.331.....Anesthesia, Spinal
E03.155.086.711.....Nerve Block
E03.155.086.711.299.....Autonomic Nerve Block
E03.155.086.711.299.500.....Sphenopalatine Ganglion Block
E03.155.086.711.649.....Brachial Plexus Block
E03.155.086.711.824.....Cervical Plexus Block
E03.155.141.....Anesthesia, Dental
E03.155.141.481.....Hypnosis, Dental
E03.155.197.....Anesthesia, General
E03.155.197.197.....Anesthesia, Inhalation
E03.155.197.197.280.....Anesthesia, Closed-Circuit
E03.155.197.364.....Anesthesia, Rectal
E03.155.197.682.....Balanced Anesthesia
E03.155.253.....Anesthesia, Endotracheal
E03.155.308.....Anesthesia, Intravenous
E03.155.364.....Anesthesia, Obstetrical
E03.155.403.....Anesthesia, Cardiac Procedures
E03.155.441.....Cryoanesthesia
E03.155.519.....Electroacupuncture
E03.155.675.....Hypnosis, Anesthetic
E03.155.675.481.....Hypnosis, Dental
E03.160.....Anesthesia Recovery Period
E03.250.....Conscious Sedation
E03.295.....Deep Sedation
E03.340.....Electronarcosis
E03.545.....Hypotension, Controlled

## 2018 MeSH Tree Hierarchy

Tree location
E03.706.....Neuromuscular Blockade
E03.806.....Preanesthetic Medication
E04.....Surgical Procedures, Operative
E04.014.....Ablation Techniques
E04.014.085.....Catheter Ablation
E04.014.085.500.....Bronchial Thermoplasty
E04.014.170.....Cautery
E04.014.170.402.....Electrocoagulation
E04.014.170.402.054.....Argon Plasma Coagulation
E04.014.180.....Cryosurgery
E04.014.240.....Endometrial Ablation Techniques
E04.014.380.....High-Intensity Focused Ultrasound Ablation
E04.014.380.500.....Ultrasound, High-Intensity Focused, Transrectal
E04.014.520.....Laser Therapy
E04.014.520.060.....Angioplasty, Laser
E04.014.520.060.080.....Angioplasty, Balloon, Laser-Assisted
E04.014.520.480.....Corneal Surgery, Laser
E04.014.520.480.500.....Keratectomy, Subepithelial, Laser-Assisted
E04.014.520.480.750.....Keratomileusis, Laser In Situ
E04.014.520.480.875.....Photorefractive Keratectomy
E04.014.520.530.....Laser Coagulation
E04.014.520.550.....Lithotripsy, Laser
E04.030.....Ambulatory Surgical Procedures
E04.035.....Anastomosis, Surgical
E04.035.070.....Anastomosis, Roux-en-Y
E04.035.087.....Arteriovenous Shunt, Surgical
E04.035.112.....Axillofemoral Bypass Grafting
E04.035.137.....Blalock-Taussig Procedure
E04.035.188.....Cerebrospinal Fluid Shunts
E04.035.188.850.....Ventriculoperitoneal Shunt
E04.035.188.957.....Ventriculostomy
E04.035.195.....Cholecystostomy
E04.035.200.....Choledochostomy
E04.035.335.....Endolymphatic Shunt
E04.035.398.....Gastroenterostomy
E04.035.398.385.....Gastric Bypass
E04.035.410.....Heart Bypass, Right
E04.035.410.295.....Fontan Procedure
E04.035.415.....Jejunioileal Bypass
E04.035.703.....Pancreaticojejunostomy
E04.035.720.....Pericardial Window Techniques

## 2018 MeSH Tree Hierarchy

Tree location
E04.035.735.....Peritoneovenous Shunt
E04.035.760.....Portasystemic Shunt, Surgical
E04.035.760.755.....Portacaval Shunt, Surgical
E04.035.760.795.....Portasystemic Shunt, Transjugular Intrahepatic
E04.035.760.835.....Splenorenal Shunt, Surgical
E04.035.775.....Portoenterostomy, Hepatic
E04.035.832.....Salpingostomy
E04.035.956.....Vasovasostomy
E04.043.....Anterior Temporal Lobectomy
E04.050.....Assisted Circulation
E04.050.215.....Counterpulsation
E04.050.215.400.....Intra-Aortic Balloon Pumping
E04.050.430.....Heart-Assist Devices
E04.062.....Bariatric Surgery
E04.062.249.....Gastric Bypass
E04.062.750.....Gastroplasty
E04.062.875.....Jejunioileal Bypass
E04.062.937.....Lipectomy
E04.074.....Biopsy
E04.074.119.....Biopsy, Needle
E04.074.119.500.....Biopsy, Fine-Needle
E04.074.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E04.074.119.750.....Biopsy, Large-Core Needle
E04.074.149.....Chorionic Villi Sampling
E04.074.160.....Conization
E04.074.370.....Image-Guided Biopsy
E04.074.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E04.074.422.....Papanicolaou Test
E04.074.580.....Sentinel Lymph Node Biopsy
E04.074.790.....Spinal Puncture
E04.074.800.....Vaginal Smears
E04.079.....Bloodless Medical and Surgical Procedures
E04.085.....Body Modification, Non-Therapeutic
E04.085.090.....Body Piercing
E04.085.165.....Circumcision, Female
E04.085.170.....Circumcision, Male
E04.085.840.....Tattooing
E04.100.....Cardiovascular Surgical Procedures
E04.100.376.....Cardiac Surgical Procedures
E04.100.376.031.....Arterial Switch Operation
E04.100.376.062.....Cardiac Valve Annuloplasty

## 2018 MeSH Tree Hierarchy

Tree location	
E04.100.376.062.500.....	Mitral Valve Annuloplasty
E04.100.376.125.....	Cardiomyoplasty
E04.100.376.374.....	Heart Arrest, Induced
E04.100.376.374.500.....	Circulatory Arrest, Deep Hypothermia Induced
E04.100.376.410.....	Heart Bypass, Right
E04.100.376.410.295.....	Fontan Procedure
E04.100.376.458.....	Heart Massage
E04.100.376.475.....	Heart Transplantation
E04.100.376.475.450.....	Heart-Lung Transplantation
E04.100.376.485.....	Heart Valve Prosthesis Implantation
E04.100.376.485.500.....	Transcatheter Aortic Valve Replacement
E04.100.376.719.....	Myocardial Revascularization
E04.100.376.719.100.....	Angioplasty, Balloon, Coronary
E04.100.376.719.125.....	Atherectomy, Coronary
E04.100.376.719.332.....	Coronary Artery Bypass
E04.100.376.719.332.199.....	Coronary Artery Bypass, Off-Pump
E04.100.376.719.332.400.....	Internal Mammary-Coronary Artery Anastomosis
E04.100.376.719.666.....	Transmyocardial Laser Revascularization
E04.100.376.724.....	Norwood Procedures
E04.100.376.724.500.....	Fontan Procedure
E04.100.376.730.....	Pericardial Window Techniques
E04.100.376.735.....	Pericardiectomy
E04.100.376.745.....	Pericardiocentesis
E04.100.700.....	Reperfusion
E04.100.700.600.....	Myocardial Reperfusion
E04.100.814.....	Vascular Surgical Procedures
E04.100.814.334.....	Axillofemoral Bypass Grafting
E04.100.814.445.....	Embolectomy
E04.100.814.445.500.....	Balloon Embolectomy
E04.100.814.456.....	Endarterectomy
E04.100.814.456.250.....	Endarterectomy, Carotid
E04.100.814.529.....	Endovascular Procedures
E04.100.814.529.124.....	Angioplasty
E04.100.814.529.124.060.....	Angioplasty, Balloon
E04.100.814.529.124.060.100.....	Angioplasty, Balloon, Coronary
E04.100.814.529.124.060.105.....	Angioplasty, Balloon, Laser-Assisted
E04.100.814.529.124.075.....	Angioplasty, Laser
E04.100.814.529.124.075.080.....	Angioplasty, Balloon, Laser-Assisted
E04.100.814.529.124.120.....	Atherectomy
E04.100.814.529.124.120.125.....	Atherectomy, Coronary
E04.100.814.529.500.....	Angioscopy

## 2018 MeSH Tree Hierarchy

Tree location	
E04.100.814.529.875.....	Catheterization, Central Venous
E04.100.814.529.937.....	Catheterization, Peripheral
E04.100.814.529.937.165.....	Catheterization, Swan-Ganz
E04.100.814.529.968.....	Percutaneous Coronary Intervention
E04.100.814.529.968.050.....	Angioplasty, Balloon, Coronary
E04.100.814.529.968.060.....	Atherectomy, Coronary
E04.100.814.603.....	Limb Salvage
E04.100.814.750.....	Peritoneovenous Shunt
E04.100.814.842.....	Thrombectomy
E04.100.814.842.500.....	Mechanical Thrombolysis
E04.100.814.868.....	Vascular Grafting
E04.100.814.868.249.....	Arteriovenous Shunt, Surgical
E04.100.814.868.374.....	Blalock-Taussig Procedure
E04.100.814.868.500.....	Blood Vessel Prosthesis Implantation
E04.100.814.868.625.....	Cerebral Revascularization
E04.100.814.868.750.....	Coronary Artery Bypass
E04.100.814.868.750.199.....	Coronary Artery Bypass, Off-Pump
E04.100.814.868.750.400.....	Internal Mammary-Coronary Artery Anastomosis
E04.100.814.868.875.....	Heart Bypass, Right
E04.100.814.868.875.295.....	Fontan Procedure
E04.100.814.868.937.....	Portasystemic Shunt, Surgical
E04.100.814.868.937.790.....	Portacaval Shunt, Surgical
E04.100.814.868.937.830.....	Portasystemic Shunt, Transjugular Intrahepatic
E04.100.814.868.937.870.....	Splenorenal Shunt, Surgical
E04.100.814.895.....	Venous Cutdown
E04.157.....	Curettage
E04.157.310.....	Dilatation and Curettage
E04.157.310.970.....	Vacuum Curettage
E04.166.....	Cytoreduction Surgical Procedures
E04.176.....	Debridement
E04.188.....	Decompression, Surgical
E04.188.200.....	Decompressive Craniectomy
E04.188.350.....	Discectomy
E04.188.350.200.....	Discectomy, Percutaneous
E04.188.400.....	Laminectomy
E04.188.600.....	Microvascular Decompression Surgery
E04.190.....	Deep Brain Stimulation
E04.199.....	Device Removal
E04.210.....	Digestive System Surgical Procedures
E04.210.070.....	Anastomosis, Roux-en-Y
E04.210.078.....	Appendectomy

## 2018 MeSH Tree Hierarchy

Tree location
E04.210.120.....Biliary Tract Surgical Procedures
E04.210.120.086.....Biliopancreatic Diversion
E04.210.120.172.....Cholecystectomy
E04.210.120.172.140.....Cholecystectomy, Laparoscopic
E04.210.120.195.....Cholecystostomy
E04.210.120.200.....Choledochostomy
E04.210.120.775.....Portoenterostomy, Hepatic
E04.210.120.850.....Sphincterotomy, Endoscopic
E04.210.120.860.....Sphincterotomy, Transduodenal
E04.210.169.....Biliopancreatic Diversion
E04.210.219.....Colectomy
E04.210.219.620.....Proctocolectomy, Restorative
E04.210.240.....Endoscopy, Digestive System
E04.210.240.160.....Cholangiopancreatography, Endoscopic Retrograde
E04.210.240.250.....Endoscopy, Gastrointestinal
E04.210.240.250.080.....Balloon Enteroscopy
E04.210.240.250.080.500.....Double-Balloon Enteroscopy
E04.210.240.250.080.750.....Single-Balloon Enteroscopy
E04.210.240.250.160.....Colonoscopy
E04.210.240.250.160.800.....Sigmoidoscopy
E04.210.240.250.200.....Duodenoscopy
E04.210.240.250.230.....Endoscopic Mucosal Resection
E04.210.240.250.260.....Esophagoscopy
E04.210.240.250.320.....Gastrosocopy
E04.210.240.250.680.....Proctoscopy
E04.210.240.250.680.500.....Transanal Endoscopic Surgery
E04.210.240.250.680.500.500.....Transanal Endoscopic Microsurgery
E04.210.240.250.760.....Pyloromyotomy
E04.210.240.250.840.....Sphincterotomy, Endoscopic
E04.210.338.....Enterostomy
E04.210.338.175.....Cecostomy
E04.210.338.225.....Colostomy
E04.210.338.303.....Duodenostomy
E04.210.338.508.....Ileostomy
E04.210.338.523.....Jejunostomy
E04.210.346.....Esophagectomy
E04.210.355.....Esophagoplasty
E04.210.358.....Esophagostomy
E04.210.390.....Fundoplication
E04.210.419.....Gastrectomy
E04.210.419.500.....Pyloromyotomy



## 2018 MeSH Tree Hierarchy

Tree location
E04.210.457.....Gastroenterostomy
E04.210.457.430.....Gastric Bypass
E04.210.471.....Gastropexy
E04.210.485.....Gastroplasty
E04.210.496.....Gastrostomy
E04.210.511.....Heller Myotomy
E04.210.526.....Hemorrhoidectomy
E04.210.556.....Hepatectomy
E04.210.626.....Jejunioleal Bypass
E04.210.638.....Lateral Internal Sphincterotomy
E04.210.650.....Liver Transplantation
E04.210.725.....Pancreas Transplantation
E04.210.752.....Pancreatectomy
E04.210.760.....Pancreaticoduodenectomy
E04.210.762.....Pancreaticojejunostomy
E04.210.790.....Peritoneovenous Shunt
E04.221.....Dissection
E04.221.580.....Microdissection
E04.237.....Drainage
E04.237.444.....Negative-Pressure Wound Therapy
E04.237.667.....Paracentesis
E04.237.890.....Suction
E04.249.....Elective Surgical Procedures
E04.262.....Electrosurgery
E04.270.....Endocrine Surgical Procedures
E04.270.115.....Adrenalectomy
E04.270.282.....Castration
E04.270.282.679.....Orchiectomy
E04.270.282.685.....Ovariectomy
E04.270.282.685.500.....Salpingo-oophorectomy
E04.270.532.....Hypophysectomy
E04.270.532.490.....Hypophysectomy, Chemical
E04.270.550.....Islets of Langerhans Transplantation
E04.270.694.....Parathyroidectomy
E04.270.856.....Thyroidectomy
E04.292.....Extracorporeal Circulation
E04.292.413.....Cardiopulmonary Bypass
E04.292.425.....Chemotherapy, Cancer, Regional Perfusion
E04.292.451.....Extracorporeal Membrane Oxygenation
E04.292.465.....Heart Bypass, Left
E04.292.471.....Hemofiltration

## 2018 MeSH Tree Hierarchy

Tree location
E04.292.471.350.....Hemodiafiltration
E04.292.510.....Hemoperfusion
E04.292.762.....Photopheresis
E04.292.975.....Ultrafiltration
E04.321.....Fasciotomy
E04.350.....Hemostasis, Surgical
E04.350.500.....Argon Plasma Coagulation
E04.350.750.....Light Coagulation
E04.350.750.410.....Laser Coagulation
E04.378.....Keratectomy
E04.378.500.....Corneal Surgery, Laser
E04.378.500.500.....Keratectomy, Subepithelial, Laser-Assisted
E04.378.500.750.....Keratomileusis, Laser In Situ
E04.378.500.875.....Photorefractive Keratectomy
E04.406.....Laparotomy
E04.426.....Ligation
E04.446.....Lymph Node Excision
E04.446.318.....Neck Dissection
E04.446.819.....Sentinel Lymph Node Biopsy
E04.466.....Mastectomy
E04.466.678.....Mastectomy, Radical
E04.466.678.354.....Mastectomy, Extended Radical
E04.466.678.476.....Mastectomy, Modified Radical
E04.466.701.....Mastectomy, Segmental
E04.466.754.....Mastectomy, Simple
E04.466.823.....Mastectomy, Subcutaneous
E04.466.911.....Prophylactic Mastectomy
E04.480.....Metastasectomy
E04.494.....Microsurgery
E04.494.150.....Cerebral Revascularization
E04.494.575.....Mohs Surgery
E04.494.787.....Transanal Endoscopic Microsurgery
E04.502.....Minimally Invasive Surgical Procedures
E04.502.250.....Endoscopy
E04.502.250.035.....Angioscopy
E04.502.250.070.....Arthroscopy
E04.502.250.070.500.....Joint Capsule Release
E04.502.250.100.....Bronchoscopy
E04.502.250.150.....Colposcopy
E04.502.250.155.....Conversion to Open Surgery
E04.502.250.160.....Culdoscopy

## 2018 MeSH Tree Hierarchy

Tree location
E04.502.250.180.....Cystoscopy
E04.502.250.250.....Endoscopy, Digestive System
E04.502.250.250.160.....Cholangiopancreatography, Endoscopic Retrograde
E04.502.250.250.250.....Endoscopy, Gastrointestinal
E04.502.250.250.250.080.....Balloon Enteroscopy
E04.502.250.250.250.080.250.....Double-Balloon Enteroscopy
E04.502.250.250.250.080.500.....Single-Balloon Enteroscopy
E04.502.250.250.250.160.....Colonoscopy
E04.502.250.250.250.160.800.....Sigmoidoscopy
E04.502.250.250.250.200.....Duodenoscopy
E04.502.250.250.250.230.....Endoscopic Mucosal Resection
E04.502.250.250.250.260.....Esophagoscopy
E04.502.250.250.250.320.....Gastrosocopy
E04.502.250.250.250.680.....Proctoscopy
E04.502.250.250.250.680.500.....Transanal Endoscopic Surgery
E04.502.250.250.250.680.500.500.....Transanal Endoscopic Microsurgery
E04.502.250.250.250.840.....Sphincterotomy, Endoscopic
E04.502.250.280.....Fetoscopy
E04.502.250.360.....Hysteroscopy
E04.502.250.520.....Laparoscopy
E04.502.250.520.160.....Cholecystectomy, Laparoscopic
E04.502.250.520.580.....Hand-Assisted Laparoscopy
E04.502.250.520.790.....Nephrolithotomy, Percutaneous
E04.502.250.525.....Laryngoscopy
E04.502.250.560.....Mediastinoscopy
E04.502.250.630.....Natural Orifice Endoscopic Surgery
E04.502.250.630.500.....Transanal Endoscopic Surgery
E04.502.250.630.500.500.....Transanal Endoscopic Microsurgery
E04.502.250.700.....Neuroendoscopy
E04.502.250.840.....Thoracoscopy
E04.502.250.840.830.....Thoracic Surgery, Video-Assisted
E04.502.250.920.....Ureteroscopy
E04.502.250.950.....Video-Assisted Surgery
E04.502.250.950.830.....Thoracic Surgery, Video-Assisted
E04.502.382.....Endovascular Procedures
E04.502.382.124.....Angioplasty
E04.502.382.124.060.....Angioplasty, Balloon
E04.502.382.124.060.100.....Angioplasty, Balloon, Coronary
E04.502.382.124.060.105.....Angioplasty, Balloon, Laser-Assisted
E04.502.382.124.075.....Angioplasty, Laser
E04.502.382.124.075.080.....Angioplasty, Balloon, Laser-Assisted

## 2018 MeSH Tree Hierarchy

Tree location
E04.502.382.124.120.....Atherectomy
E04.502.382.124.120.125.....Atherectomy, Coronary
E04.502.382.500.....Angioscopy
E04.502.382.875.....Catheterization, Central Venous
E04.502.382.937.....Catheterization, Peripheral
E04.502.382.937.165.....Catheterization, Swan-Ganz
E04.502.382.968.....Percutaneous Coronary Intervention
E04.502.382.968.050.....Angioplasty, Balloon, Coronary
E04.502.382.968.060.....Atherectomy, Coronary
E04.502.515.....Magnetic Resonance Imaging, Interventional
E04.502.648.....Morcellation
E04.502.780.....Radiography, Interventional
E04.502.890.....Ultrasonography, Interventional
E04.502.890.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E04.506.....Minor Surgical Procedures
E04.510.....Monitoring, Intraoperative
E04.510.500.....Intraoperative Neurophysiological Monitoring
E04.515.....Myotomy
E04.515.375.....Pyloromyotomy
E04.515.750.....Sphincterotomy
E04.515.750.250.....Heller Myotomy
E04.515.750.375.....Lateral Internal Sphincterotomy
E04.515.750.500.....Sphincterotomy, Endoscopic
E04.515.750.750.....Sphincterotomy, Transduodenal
E04.520.....Obstetric Surgical Procedures
E04.520.050.....Abortion, Induced
E04.520.050.050.....Abortion, Eugenic
E04.520.050.055.....Abortion, Legal
E04.520.050.060.....Abortion, Therapeutic
E04.520.050.600.....Pregnancy Reduction, Multifetal
E04.520.100.....Cerclage, Cervical
E04.520.150.....Colposcopy
E04.520.155.....Colpotomy
E04.520.160.....Culdoscopy
E04.520.252.....Delivery, Obstetric
E04.520.252.500.....Cesarean Section
E04.520.252.500.150.....Cesarean Section, Repeat
E04.520.252.750.....Episiotomy
E04.520.252.875.....Extraction, Obstetrical
E04.520.252.875.970.....Vacuum Extraction, Obstetrical
E04.520.252.968.....Labor, Induced

## 2018 MeSH Tree Hierarchy

Tree location
E04.520.252.968.500.....Amniotomy
E04.520.252.992.....Vaginal Birth after Cesarean
E04.520.252.996.....Version, Fetal
E04.520.280.....Fetoscopy
E04.520.360.....Hysteroscopy
E04.520.365.....Hysterotomy
E04.525.....Neurosurgical Procedures
E04.525.044.....Anterior Temporal Lobectomy
E04.525.090.....Brain Tissue Transplantation
E04.525.160.....Cerebral Decortication
E04.525.160.500.....Hemispherectomy
E04.525.170.....Cerebrospinal Fluid Shunts
E04.525.170.850.....Ventriculoperitoneal Shunt
E04.525.170.860.....Ventriculostomy
E04.525.190.....Craniotomy
E04.525.190.200.....Decompressive Craniectomy
E04.525.190.840.....Trephining
E04.525.210.....Denervation
E04.525.210.105.....Autonomic Denervation
E04.525.210.105.600.....Parasympathectomy
E04.525.210.105.600.850.....Vagotomy
E04.525.210.105.600.850.850.....Vagotomy, Proximal Gastric
E04.525.210.105.600.850.860.....Vagotomy, Truncal
E04.525.210.105.800.....Sympathectomy
E04.525.210.105.800.380.....Ganglionectomy
E04.525.210.105.800.800.....Sympathectomy, Chemical
E04.525.210.158.....Axotomy
E04.525.210.210.....Cordotomy
E04.525.210.500.....Muscle Denervation
E04.525.210.550.....Nerve Block
E04.525.210.550.500.....Autonomic Nerve Block
E04.525.210.550.500.500.....Sphenopalatine Ganglion Block
E04.525.210.560.....Nerve Crush
E04.525.210.560.500.....Muscle Denervation
E04.525.210.815.....Rhizotomy
E04.525.305.....Foraminotomy
E04.525.400.....Hypophysectomy
E04.525.450.....Laminectomy
E04.525.475.....Laminoplasty
E04.525.500.....Microvascular Decompression Surgery
E04.525.550.....Nerve Transfer

## 2018 MeSH Tree Hierarchy

Tree location
E04.525.562.....Neuroendoscopy
E04.525.575.....Pallidotomy
E04.525.600.....Psychosurgery
E04.525.770.....Split-Brain Procedure
E04.525.800.....Stereotaxic Techniques
E04.525.800.324.....Neuronavigation
E04.525.800.650.....Radiosurgery
E04.540.....Ophthalmologic Surgical Procedures
E04.540.104.....Blepharoplasty
E04.540.255.....Dacryocystorhinostomy
E04.540.429.....Eye Enucleation
E04.540.431.....Eye Evisceration
E04.540.450.....Filtering Surgery
E04.540.450.600.....Sclerostomy
E04.540.450.700.....Trabeculectomy
E04.540.480.....Iridectomy
E04.540.630.....Light Coagulation
E04.540.630.410.....Laser Coagulation
E04.540.760.....Orbit Evisceration
E04.540.825.....Refractive Surgical Procedures
E04.540.825.249.....Cataract Extraction
E04.540.825.249.352.....Capsulorhexis
E04.540.825.249.704.....Phacoemulsification
E04.540.825.374.....Corneal Transplantation
E04.540.825.374.112.....Descemet Stripping Endothelial Keratoplasty
E04.540.825.374.225.....Epikeratophakia
E04.540.825.374.350.....Keratoplasty, Penetrating
E04.540.825.437.....Corneal Surgery, Laser
E04.540.825.437.249.....Keratotomy, Subepithelial, Laser-Assisted
E04.540.825.437.374.....Keratomileusis, Laser In Situ
E04.540.825.437.500.....Photorefractive Keratotomy
E04.540.825.550.....Keratotomy, Radial
E04.540.825.600.....Lens Implantation, Intraocular
E04.540.825.784.....Posterior Capsulotomy
E04.540.825.968.....Scleroplasty
E04.540.890.....Scleral Buckling
E04.540.960.....Vitreotomy
E04.540.980.....Vitreoretinal Surgery
E04.545.....Oral Surgical Procedures
E04.545.100.....Apicoectomy
E04.545.350.....Gingivectomy

## 2018 MeSH Tree Hierarchy

Tree location
E04.545.355.....Gingivoplasty
E04.545.380.....Glossectomy
E04.545.440.....Jaw Fixation Techniques
E04.545.500.....Mandibular Advancement
E04.545.510.....Maxillofacial Prosthesis Implantation
E04.545.510.500.....Mandibular Prosthesis Implantation
E04.545.550.....Oral Surgical Procedures, Preprosthetic
E04.545.550.100.....Alveolar Ridge Augmentation
E04.545.550.110.....Alveolectomy
E04.545.550.120.....Alveoplasty
E04.545.550.280.....Dental Implantation
E04.545.550.280.280.....Dental Implantation, Endosseous
E04.545.550.280.280.150.....Blade Implantation
E04.545.550.280.280.280.....Dental Implantation, Endosseous, Endodontic
E04.545.550.280.280.350.....Immediate Dental Implant Loading
E04.545.550.280.290.....Dental Implantation, Subperiosteal
E04.545.550.800.....Vestibuloplasty
E04.545.562.....Orthognathic Surgical Procedures
E04.545.562.500.....Alveolar Bone Grafting
E04.545.575.....Osteotomy, Le Fort
E04.545.637.....Osteotomy, Sagittal Split Ramus
E04.545.668.....Sinus Floor Augmentation
E04.545.700.....Tooth Extraction
E04.545.700.680.....Serial Extraction
E04.545.710.....Tooth Replantation
E04.555.....Orthopedic Procedures
E04.555.039.....Acetabuloplasty
E04.555.080.....Amputation
E04.555.080.250.....Disarticulation
E04.555.080.380.....Hemipelvectomy
E04.555.100.....Arthrodesis
E04.555.100.700.....Spinal Fusion
E04.555.110.....Arthroplasty
E04.555.110.026.....Anterior Cruciate Ligament Reconstruction
E04.555.110.026.500.....Bone-Patellar Tendon-Bone Grafting
E04.555.110.110.....Arthroplasty, Replacement
E04.555.110.110.010.....Arthroplasty, Replacement, Ankle
E04.555.110.110.045.....Arthroplasty, Replacement, Elbow
E04.555.110.110.054.....Arthroplasty, Replacement, Finger
E04.555.110.110.110.....Arthroplasty, Replacement, Hip
E04.555.110.110.115.....Arthroplasty, Replacement, Knee

## 2018 MeSH Tree Hierarchy

Tree location
E04.555.110.110.299.....Arthroplasty, Replacement, Shoulder
E04.555.110.110.482.....Hemiarthroplasty
E04.555.110.110.850.....Total Disc Replacement
E04.555.110.115.....Arthroplasty, Subchondral
E04.555.110.557.....Posterior Cruciate Ligament Reconstruction
E04.555.113.....Arthroscopy
E04.555.113.500.....Joint Capsule Release
E04.555.120.....Bone Lengthening
E04.555.120.380.....Ilizarov Technique
E04.555.120.690.....Osteogenesis, Distraction
E04.555.130.....Bone Transplantation
E04.555.130.550.....Sinus Floor Augmentation
E04.555.165.....Cementoplasty
E04.555.165.500.....Vertebroplasty
E04.555.165.500.500.....Kyphoplasty
E04.555.200.....Discectomy
E04.555.200.200.....Discectomy, Percutaneous
E04.555.300.....Fracture Fixation
E04.555.300.150.....Closed Fracture Reduction
E04.555.300.300.....Fracture Fixation, Internal
E04.555.300.300.300.....Fracture Fixation, Intramedullary
E04.555.300.380.....Ilizarov Technique
E04.555.300.690.....Open Fracture Reduction
E04.555.350.....Laminectomy
E04.555.400.....Limb Salvage
E04.555.490.....Meniscectomy
E04.555.580.....Osteotomy
E04.555.580.289.....Orthognathic Surgical Procedures
E04.555.580.289.500.....Alveolar Bone Grafting
E04.555.580.580.....Osteotomy, Le Fort
E04.555.580.790.....Osteotomy, Sagittal Split Ramus
E04.555.640.....Synovectomy
E04.555.700.....Tendon Transfer
E04.555.710.....Tenodesis
E04.555.712.....Tenotomy
E04.555.720.....Traction
E04.555.860.....Ulnar Collateral Ligament Reconstruction
E04.579.....Ostomy
E04.579.240.....Cystostomy
E04.579.255.....Dacryocystorhinostomy
E04.579.338.....Enterostomy



## 2018 MeSH Tree Hierarchy

Tree location
E04.579.338.175.....Cecostomy
E04.579.338.225.....Colostomy
E04.579.338.303.....Duodenostomy
E04.579.338.508.....Ileostomy
E04.579.338.523.....Jejunostomy
E04.579.358.....Esophagostomy
E04.579.408.....Gastrostomy
E04.579.592.....Middle Ear Ventilation
E04.579.642.....Nephrostomy, Percutaneous
E04.579.740.....Pharyngostomy
E04.579.895.....Sclerostomy
E04.579.918.....Thoracostomy
E04.579.935.....Tracheostomy
E04.579.947.....Ureterostomy
E04.580.....Otorhinolaryngologic Surgical Procedures
E04.580.068.....Adenoidectomy
E04.580.369.....Laryngectomy
E04.580.371.....Laryngoplasty
E04.580.373.....Laryngoscopy
E04.580.392.....Nasal Surgical Procedures
E04.580.392.500.....Rhinoplasty
E04.580.411.....Neck Dissection
E04.580.450.....Otologic Surgical Procedures
E04.580.450.109.....Auditory Brain Stem Implantation
E04.580.450.220.....Cochlear Implantation
E04.580.450.230.....Endolymphatic Shunt
E04.580.450.277.....Fenestration, Labyrinth
E04.580.450.375.....Mastoidectomy
E04.580.450.472.....Middle Ear Ventilation
E04.580.450.505.....Myringoplasty
E04.580.450.600.....Ossicular Replacement
E04.580.450.731.....Stapes Surgery
E04.580.450.731.681.....Stapes Mobilization
E04.580.450.802.....Transtympanic Micropressure Treatment
E04.580.450.873.....Tympanoplasty
E04.580.515.....Pharyngectomy
E04.580.540.....Pharyngostomy
E04.580.848.....Tonsillectomy
E04.580.900.....Tracheostomy
E04.580.907.....Tracheotomy
E04.584.....Pelvic Exenteration

## 2018 MeSH Tree Hierarchy

Tree location
E04.604.....Perioperative Care
E04.604.249.....Intraoperative Care
E04.604.500.....Postoperative Care
E04.604.750.....Preoperative Care
E04.604.750.619.....Preanesthetic Medication
E04.614.....Perioperative Period
E04.614.374.....Intraoperative Period
E04.614.374.500.....Operative Time
E04.614.750.....Postoperative Period
E04.614.750.055.....Anesthesia Recovery Period
E04.614.937.....Preoperative Period
E04.620.....Pneumectomy
E04.625.....Prophylactic Surgical Procedures
E04.625.500.....Prophylactic Mastectomy
E04.650.....Prosthesis Implantation
E04.650.110.....Arthroplasty, Replacement
E04.650.110.010.....Arthroplasty, Replacement, Ankle
E04.650.110.045.....Arthroplasty, Replacement, Elbow
E04.650.110.054.....Arthroplasty, Replacement, Finger
E04.650.110.110.....Arthroplasty, Replacement, Hip
E04.650.110.115.....Arthroplasty, Replacement, Knee
E04.650.110.299.....Arthroplasty, Replacement, Shoulder
E04.650.110.482.....Hemiarthroplasty
E04.650.110.850.....Total Disc Replacement
E04.650.155.....Auditory Brain Stem Implantation
E04.650.200.....Blood Vessel Prosthesis Implantation
E04.650.210.....Breast Implantation
E04.650.220.....Cochlear Implantation
E04.650.230.....Dental Implantation
E04.650.230.500.....Dental Implantation, Endosseous
E04.650.230.500.150.....Blade Implantation
E04.650.230.500.280.....Dental Implantation, Endosseous, Endodontic
E04.650.230.500.350.....Immediate Dental Implant Loading
E04.650.230.750.....Dental Implantation, Subperiosteal
E04.650.410.....Heart Valve Prosthesis Implantation
E04.650.410.500.....Transcatheter Aortic Valve Replacement
E04.650.510.....Maxillofacial Prosthesis Implantation
E04.650.510.500.....Mandibular Prosthesis Implantation
E04.650.600.....Ossicular Replacement
E04.650.620.....Penile Implantation
E04.665.....Punctures

## 2018 MeSH Tree Hierarchy

Tree location
E04.665.100.....Biopsy, Needle
E04.665.100.500.....Biopsy, Fine-Needle
E04.665.100.750.....Biopsy, Large-Core Needle
E04.665.150.....Blood Specimen Collection
E04.665.150.150.....Cordocentesis
E04.665.150.600.....Petrosal Sinus Sampling
E04.665.150.625.....Phlebotomy
E04.665.600.....Paracentesis
E04.665.600.309.....Amniocentesis
E04.665.600.465.....Arthrocentesis
E04.665.600.543.....Cordocentesis
E04.665.600.620.....Pericardiocentesis
E04.665.600.810.....Thoracentesis
E04.665.600.905.....Tympanocentesis
E04.665.700.....Spinal Puncture
E04.680.....Reconstructive Surgical Procedures
E04.680.025.....Abdominoplasty
E04.680.038.....Acetabuloplasty
E04.680.101.....Arthroplasty
E04.680.101.026.....Anterior Cruciate Ligament Reconstruction
E04.680.101.026.500.....Bone-Patellar Tendon-Bone Grafting
E04.680.101.110.....Arthroplasty, Replacement
E04.680.101.110.010.....Arthroplasty, Replacement, Ankle
E04.680.101.110.045.....Arthroplasty, Replacement, Elbow
E04.680.101.110.054.....Arthroplasty, Replacement, Finger
E04.680.101.110.110.....Arthroplasty, Replacement, Hip
E04.680.101.110.115.....Arthroplasty, Replacement, Knee
E04.680.101.110.299.....Arthroplasty, Replacement, Shoulder
E04.680.101.110.482.....Hemiarthroplasty
E04.680.101.110.850.....Total Disc Replacement
E04.680.101.115.....Arthroplasty, Subchondral
E04.680.101.557.....Posterior Cruciate Ligament Reconstruction
E04.680.127.....Body Contouring
E04.680.152.....Cervicoplasty
E04.680.275.....Dermatologic Surgical Procedures
E04.680.275.090.....Blepharoplasty
E04.680.275.200.....Chemexfoliation
E04.680.275.250.....Dermabrasion
E04.680.275.580.....Mohs Surgery
E04.680.275.700.....Rhytidoplasty
E04.680.275.850.....Skin Transplantation

## 2018 MeSH Tree Hierarchy

Tree location
E04.680.300.....Guided Tissue Regeneration
E04.680.300.500.....Guided Tissue Regeneration, Periodontal
E04.680.325.....Herniorrhaphy
E04.680.350.....Limb Salvage
E04.680.450.....Lipectomy
E04.680.500.....Mammaplasty
E04.680.500.210.....Breast Implantation
E04.680.650.....Rhinoplasty
E04.680.700.....Scleroplasty
E04.680.750.....Sex Reassignment Surgery
E04.680.800.....Tissue Expansion
E04.680.800.500.....Nerve Expansion
E04.680.900.....Ulnar Collateral Ligament Reconstruction
E04.690.....Reoperation
E04.708.....Second-Look Surgery
E04.726.....Splenectomy
E04.749.....Surgery, Computer-Assisted
E04.749.500.....Robotic Surgical Procedures
E04.910.....Symphysiotomy
E04.928.....Thoracic Surgical Procedures
E04.928.220.....Cardiac Surgical Procedures
E04.928.220.055.....Arterial Switch Operation
E04.928.220.109.....Cardiac Valve Annuloplasty
E04.928.220.109.500.....Mitral Valve Annuloplasty
E04.928.220.220.....Cardiomyoplasty
E04.928.220.360.....Heart Arrest, Induced
E04.928.220.360.500.....Circulatory Arrest, Deep Hypothermia Induced
E04.928.220.370.....Heart Bypass, Right
E04.928.220.370.295.....Fontan Procedure
E04.928.220.380.....Heart Massage
E04.928.220.390.....Heart Transplantation
E04.928.220.390.450.....Heart-Lung Transplantation
E04.928.220.410.....Heart Valve Prosthesis Implantation
E04.928.220.410.500.....Transcatheter Aortic Valve Replacement
E04.928.220.520.....Myocardial Revascularization
E04.928.220.520.100.....Angioplasty, Balloon, Coronary
E04.928.220.520.110.....Atherectomy, Coronary
E04.928.220.520.220.....Coronary Artery Bypass
E04.928.220.520.220.189.....Coronary Artery Bypass, Off-Pump
E04.928.220.520.220.380.....Internal Mammary-Coronary Artery Anastomosis
E04.928.220.520.610.....Transmyocardial Laser Revascularization

## 2018 MeSH Tree Hierarchy

Tree location
E04.928.220.560.....Norwood Procedures
E04.928.220.560.500.....Fontan Procedure
E04.928.220.600.....Pericardial Window Techniques
E04.928.220.605.....Pericardiectomy
E04.928.220.620.....Pericardiocentesis
E04.928.490.....Mediastinoscopy
E04.928.600.....Pulmonary Surgical Procedures
E04.928.600.080.....Bronchoscopy
E04.928.600.220.....Collapse Therapy
E04.928.600.220.610.....Pneumonolysis
E04.928.600.220.620.....Pneumothorax, Artificial
E04.928.600.495.....Lung Transplantation
E04.928.600.495.450.....Heart-Lung Transplantation
E04.928.600.600.....Pneumonectomy
E04.928.710.....Sternotomy
E04.928.750.....Thoracoplasty
E04.928.752.....Thoracoscopy
E04.928.752.830.....Thoracic Surgery, Video-Assisted
E04.928.755.....Thoracostomy
E04.928.760.....Thoracotomy
E04.928.770.....Thymectomy
E04.928.780.....Tracheostomy
E04.928.790.....Tracheotomy
E04.936.....Transplantation
E04.936.225.....Cell Transplantation
E04.936.225.375.....Islets of Langerhans Transplantation
E04.936.225.687.....Stem Cell Transplantation
E04.936.225.687.312.....Cord Blood Stem Cell Transplantation
E04.936.225.687.500.....Hematopoietic Stem Cell Transplantation
E04.936.225.687.500.500.....Peripheral Blood Stem Cell Transplantation
E04.936.225.687.625.....Mesenchymal Stem Cell Transplantation
E04.936.337.....Cold Ischemia
E04.936.450.....Organ Transplantation
E04.936.450.475.....Heart Transplantation
E04.936.450.475.450.....Heart-Lung Transplantation
E04.936.450.485.....Kidney Transplantation
E04.936.450.490.....Liver Transplantation
E04.936.450.495.....Lung Transplantation
E04.936.450.495.450.....Heart-Lung Transplantation
E04.936.450.650.....Pancreas Transplantation
E04.936.450.825.....Vascularized Composite Allotransplantation

## 2018 MeSH Tree Hierarchy

Tree location
E04.936.450.825.249.....Facial Transplantation
E04.936.450.825.500.....Hand Transplantation
E04.936.494.....Replantation
E04.936.494.711.....Tooth Replantation
E04.936.537.....Tissue and Organ Harvesting
E04.936.537.500.....Donor Selection
E04.936.537.562.....Fertility Preservation
E04.936.537.625.....Oocyte Retrieval
E04.936.537.687.....Operative Blood Salvage
E04.936.537.750.....Sperm Retrieval
E04.936.580.....Tissue Transplantation
E04.936.580.040.....Bone Marrow Transplantation
E04.936.580.052.....Bone Transplantation
E04.936.580.065.....Bone-Patellar Tendon-Bone Grafting
E04.936.580.090.....Brain Tissue Transplantation
E04.936.580.225.....Corneal Transplantation
E04.936.580.225.225.....Epikeratophakia
E04.936.580.225.350.....Keratoplasty, Penetrating
E04.936.580.262.....Descemet Stripping Endothelial Keratoplasty
E04.936.580.300.....Fetal Tissue Transplantation
E04.936.580.490.....Liver Transplantation
E04.936.580.700.....Skin Transplantation
E04.936.664.....Transplantation, Autologous
E04.936.764.....Transplantation, Heterologous
E04.936.800.....Transplantation, Heterotopic
E04.936.864.....Transplantation, Homologous
E04.936.864.350.....Transplantation, Haploidentical
E04.936.864.700.....Transplantation, Isogeneic
E04.936.932.....Warm Ischemia
E04.943.....Ultrasonic Surgical Procedures
E04.943.500.....Lithotripsy
E04.943.500.500.....Lithotripsy, Laser
E04.943.875.....Phacoemulsification
E04.943.937.....Piezosurgery
E04.950.....Urogenital Surgical Procedures
E04.950.165.....Castration
E04.950.165.679.....Orchiectomy
E04.950.165.685.....Ovariectomy
E04.950.165.685.500.....Salpingo-oophorectomy
E04.950.300.....Gynecologic Surgical Procedures
E04.950.300.200.....Circumcision, Female

## 2018 MeSH Tree Hierarchy

Tree location	
E04.950.300.210.....	Colposcopy
E04.950.300.220.....	Colpotomy
E04.950.300.259.....	Culdoscopy
E04.950.300.299.....	Dilatation and Curettage
E04.950.300.299.970.....	Vacuum Curettage
E04.950.300.320.....	Endometrial Ablation Techniques
E04.950.300.399.....	Hysterectomy
E04.950.300.399.380.....	Hysterectomy, Vaginal
E04.950.300.399.690.....	Trachelectomy
E04.950.300.539.....	Hysteroscopy
E04.950.300.680.....	Ovariectomy
E04.950.300.680.500.....	Salpingo-oophorectomy
E04.950.300.715.....	Salpingectomy
E04.950.300.715.500.....	Salpingo-oophorectomy
E04.950.300.750.....	Salpingostomy
E04.950.300.766.....	Sterilization, Tubal
E04.950.300.883.....	Uterine Artery Embolization
E04.950.300.941.....	Uterine Myomectomy
E04.950.300.970.....	Vulvectomy
E04.950.449.....	Sex Reassignment Surgery
E04.950.599.....	Sterilization, Reproductive
E04.950.599.450.....	Sterilization, Involuntary
E04.950.599.500.....	Sterilization Reversal
E04.950.599.500.800.....	Vasovasostomy
E04.950.599.683.....	Sterilization, Tubal
E04.950.599.900.....	Vasectomy
E04.950.774.....	Urologic Surgical Procedures
E04.950.774.150.....	Cystectomy
E04.950.774.155.....	Cystoscopy
E04.950.774.162.....	Cystotomy
E04.950.774.400.....	Kidney Transplantation
E04.950.774.435.....	Nephrectomy
E04.950.774.435.500.....	Nephroureterectomy
E04.950.774.638.....	Nephrolithotomy, Percutaneous
E04.950.774.739.....	Nephrotomy
E04.950.774.739.500.....	Nephrostomy, Percutaneous
E04.950.774.840.....	Ureteroscopy
E04.950.774.852.....	Urinary Diversion
E04.950.774.852.240.....	Cystostomy
E04.950.774.852.642.....	Nephrostomy, Percutaneous
E04.950.774.852.947.....	Ureterostomy

## 2018 MeSH Tree Hierarchy

Tree location	
E04.950.774.860.....	Urologic Surgical Procedures, Male
E04.950.774.860.226.....	Circumcision, Male
E04.950.774.860.618.....	Orchiectomy
E04.950.774.860.619.....	Orchiopexy
E04.950.774.860.620.....	Penile Implantation
E04.950.774.860.625.....	Prostatectomy
E04.950.774.860.625.750.....	Transurethral Resection of Prostate
E04.950.774.860.625.875.....	Ultrasound, High-Intensity Focused, Transrectal
E04.950.774.860.856.....	Vasectomy
E04.950.774.860.956.....	Vasovasostomy
E04.987.....	Wound Closure Techniques
E04.987.100.....	Abdominal Wound Closure Techniques
E04.987.550.....	Negative-Pressure Wound Therapy
E04.987.775.....	Suture Techniques
E04.987.775.800.....	Surgical Stapling
E04.987.775.900.....	Tenodesis
E04.987.887.....	Sutureless Surgical Procedures
E05.....	Investigative Techniques
E05.003.....	Accelerometry
E05.003.500.....	Actigraphy
E05.008.....	Airway Extubation
E05.017.....	Animal Experimentation
E05.017.080.....	Animal Use Alternatives
E05.017.080.100.....	Animal Testing Alternatives
E05.017.449.....	Rotarod Performance Test
E05.017.900.....	Vivisection
E05.035.....	Animal Identification Systems
E05.041.....	Anthropometry
E05.041.124.....	Body Weights and Measures
E05.041.124.125.....	Body Mass Index
E05.041.124.160.....	Body Size
E05.041.124.160.500.....	Body Height
E05.041.124.160.500.500.....	Crown-Rump Length
E05.041.124.160.750.....	Body Weight
E05.041.124.160.750.149.....	Birth Weight
E05.041.124.160.750.300.....	Fetal Weight
E05.041.124.160.750.650.....	Ideal Body Weight
E05.041.124.160.812.....	Sagittal Abdominal Diameter
E05.041.124.160.875.....	Waist Circumference
E05.041.124.160.875.500.....	Lipid Accumulation Product
E05.041.124.160.937.....	Waist-Height Ratio



## 2018 MeSH Tree Hierarchy

Tree location	
E05.041.124.231.....	Body Surface Area
E05.041.124.715.....	Organ Size
E05.041.124.803.....	Skinfold Thickness
E05.041.124.892.....	Tumor Burden
E05.041.124.946.....	Waist-Hip Ratio
E05.041.250.....	Cephalometry
E05.041.650.....	Odontometry
E05.041.650.500.....	Age Determination by Teeth
E05.041.690.....	Pelvimetry
E05.047.....	Artifacts
E05.059.....	Autoanalysis
E05.064.....	Automation, Laboratory
E05.070.....	Autopsy
E05.091.....	Biological Assay
E05.091.570.....	Limulus Test
E05.104.....	Biomedical Enhancement
E05.104.500.....	Genetic Enhancement
E05.111.....	Bioprinting
E05.114.....	Bioprospecting
E05.118.....	Bone Demineralization Technique
E05.157.....	Catheterization
E05.157.016.....	Angioplasty
E05.157.016.060.....	Angioplasty, Balloon
E05.157.016.060.100.....	Angioplasty, Balloon, Coronary
E05.157.016.060.105.....	Angioplasty, Balloon, Laser-Assisted
E05.157.016.075.....	Angioplasty, Laser
E05.157.016.075.080.....	Angioplasty, Balloon, Laser-Assisted
E05.157.016.120.....	Atherectomy
E05.157.016.120.125.....	Atherectomy, Coronary
E05.157.032.....	Balloon Embolectomy
E05.157.063.....	Balloon Occlusion
E05.157.063.500.....	Uterine Balloon Tamponade
E05.157.125.....	Balloon Valvuloplasty
E05.157.250.....	Cardiac Catheterization
E05.157.250.165.....	Catheterization, Swan-Ganz
E05.157.313.....	Catheterization, Central Venous
E05.157.375.....	Catheterization, Peripheral
E05.157.375.165.....	Catheterization, Swan-Ganz
E05.157.500.....	Urinary Catheterization
E05.157.500.500.....	Intermittent Urethral Catheterization
E05.170.....	Cementation

## 2018 MeSH Tree Hierarchy

Tree location
E05.181.....Centrifugation
E05.181.724.....Ultracentrifugation
E05.181.724.336.....Centrifugation, Density Gradient
E05.181.724.336.253.....Centrifugation, Isopycnic
E05.181.724.336.336.....Centrifugation, Zonal
E05.196.....Chemistry Techniques, Analytical
E05.196.039.....Activation Analysis
E05.196.039.564.....Neutron Activation Analysis
E05.196.059.....Analytic Sample Preparation Methods
E05.196.080.....Binding, Competitive
E05.196.085.....Biuret Reaction
E05.196.131.....Calorimetry
E05.196.131.310.....Calorimetry, Differential Scanning
E05.196.131.655.....Calorimetry, Indirect
E05.196.150.....Chemical Precipitation
E05.196.150.347.....Flocculation
E05.196.150.347.500.....Flocculation Tests
E05.196.150.519.....Fractional Precipitation
E05.196.150.639.....Immunoprecipitation
E05.196.150.639.500.....Precipitin Tests
E05.196.155.....Chemical Fractionation
E05.196.155.249.....Distillation
E05.196.155.500.....Fractionation, Field Flow
E05.196.155.650.....Liquid-Liquid Extraction
E05.196.155.650.500.....Liquid Phase Microextraction
E05.196.155.800.....Solid Phase Extraction
E05.196.155.800.500.....Solid Phase Microextraction
E05.196.181.....Chromatography
E05.196.181.349.....Chromatography, Gas
E05.196.181.349.390.....Flame Ionization
E05.196.181.349.500.....Gas Chromatography-Mass Spectrometry
E05.196.181.400.....Chromatography, Liquid
E05.196.181.400.150.....Capillary Electrochromatography
E05.196.181.400.170.....Chromatography, Affinity
E05.196.181.400.170.500.....Immunochromatography
E05.196.181.400.250.....Chromatography, Gel
E05.196.181.400.250.200.....Chromatography, Agarose
E05.196.181.400.300.....Chromatography, High Pressure Liquid
E05.196.181.400.383.....Chromatography, Ion Exchange
E05.196.181.400.383.349.....Chromatography, DEAE-Cellulose
E05.196.181.400.454.....Chromatography, Paper

## 2018 MeSH Tree Hierarchy

Tree location
E05.196.181.400.454.655.....Nucleotide Mapping
E05.196.181.400.454.720.....Peptide Mapping
E05.196.181.400.495.....Chromatography, Reverse-Phase
E05.196.181.400.537.....Chromatography, Thin Layer
E05.196.181.400.555.....Countercurrent Distribution
E05.196.181.500.....Chromatography, Micellar Electrokinetic Capillary
E05.196.181.750.....Chromatography, Supercritical Fluid
E05.196.278.....Countercurrent Distribution
E05.196.300.....Crystallization
E05.196.309.....Crystallography
E05.196.309.555.....Neutron Diffraction
E05.196.309.711.....Powder Diffraction
E05.196.309.742.....X-Ray Diffraction
E05.196.309.742.225.....Crystallography, X-Ray
E05.196.335.....Desiccation
E05.196.344.....Deuterium Exchange Measurement
E05.196.353.....Dialysis
E05.196.353.500.....Microdialysis
E05.196.370.....Differential Thermal Analysis
E05.196.370.310.....Calorimetry, Differential Scanning
E05.196.385.....Electroosmosis
E05.196.401.....Electrophoresis
E05.196.401.076.....Blood Protein Electrophoresis
E05.196.401.095.....Blotting, Northern
E05.196.401.114.....Blotting, Southern
E05.196.401.133.....Blotting, Southwestern
E05.196.401.143.....Blotting, Western
E05.196.401.143.500.....Blotting, Far-Western
E05.196.401.153.....Electrophoresis, Agar Gel
E05.196.401.153.150.....Comet Assay
E05.196.401.190.....Electrophoresis, Capillary
E05.196.401.190.249.....Capillary Electrochromatography
E05.196.401.190.500.....Electrophoresis, Microchip
E05.196.401.200.....Electrophoresis, Cellulose Acetate
E05.196.401.220.....Electrophoresis, Gel, Pulsed-Field
E05.196.401.250.....Electrophoresis, Gel, Two-Dimensional
E05.196.401.250.500.....Two-Dimensional Difference Gel Electrophoresis
E05.196.401.319.....Electrophoresis, Paper
E05.196.401.319.670.....Nucleotide Mapping
E05.196.401.319.720.....Peptide Mapping
E05.196.401.402.....Electrophoresis, Polyacrylamide Gel

## 2018 MeSH Tree Hierarchy

Tree location	
E05.196.401.402.117.....	Denaturing Gradient Gel Electrophoresis
E05.196.401.402.236.....	Electrophoresis, Disc
E05.196.401.402.625.....	Native Polyacrylamide Gel Electrophoresis
E05.196.401.485.....	Electrophoresis, Starch Gel
E05.196.401.500.....	Electrophoretic Mobility Shift Assay
E05.196.401.568.....	Immuno-electrophoresis
E05.196.401.568.250.....	Counterimmuno-electrophoresis
E05.196.401.568.520.....	Immuno-electrophoresis, Two-Dimensional
E05.196.401.663.....	Isoelectric Focusing
E05.196.401.831.....	Isotachopheresis
E05.196.427.....	Enzyme Assays
E05.196.427.200.....	Clinical Enzyme Tests
E05.196.454.....	Filtration
E05.196.454.201.....	Air Filters
E05.196.454.403.....	Micropore Filters
E05.196.454.807.....	Ultrafiltration
E05.196.460.....	Flow Injection Analysis
E05.196.500.....	Glucose Clamp Technique
E05.196.566.....	Mass Spectrometry
E05.196.566.500.....	Gas Chromatography-Mass Spectrometry
E05.196.566.600.....	Spectrometry, Mass, Electrospray Ionization
E05.196.566.750.....	Spectrometry, Mass, Fast Atom Bombardment
E05.196.566.755.....	Spectrometry, Mass, Matrix-Assisted Laser Desorption-Ionization
E05.196.566.760.....	Spectrometry, Mass, Secondary Ion
E05.196.566.880.....	Tandem Mass Spectrometry
E05.196.620.....	Microchemistry
E05.196.655.....	Molecular Imprinting
E05.196.680.....	Nucleotide Mapping
E05.196.690.....	Osmometry
E05.196.700.....	Peptide Mapping
E05.196.700.690.....	Protein Footprinting
E05.196.712.....	Photometry
E05.196.712.224.....	Densitometry
E05.196.712.224.187.....	Absorptiometry, Photon
E05.196.712.516.....	Luminescent Measurements
E05.196.712.516.099.....	Bioluminescence Resonance Energy Transfer Techniques
E05.196.712.516.600.....	Fluorometry
E05.196.712.516.600.240.....	Cytophotometry
E05.196.712.516.600.240.350.....	Flow Cytometry
E05.196.712.516.600.240.400.....	Image Cytometry
E05.196.712.516.600.240.400.500.....	Laser Scanning Cytometry

## 2018 MeSH Tree Hierarchy

Tree location
E05.196.712.516.600.390.....Fluorescence Polarization
E05.196.712.516.600.390.350.....Fluorescence Polarization Immunoassay
E05.196.712.516.600.393.....Fluorescence Recovery After Photobleaching
E05.196.712.516.600.410.....Fluorophotometry
E05.196.712.516.600.676.....Spectrometry, Fluorescence
E05.196.712.516.600.676.500.....Fluorescence Resonance Energy Transfer
E05.196.712.650.....Nephelometry and Turbidimetry
E05.196.712.650.500.....Immunoturbidimetry
E05.196.712.726.....Spectrophotometry
E05.196.712.726.300.....Microspectrophotometry
E05.196.712.726.551.....Spectrophotometry, Atomic
E05.196.712.726.676.....Spectrophotometry, Infrared
E05.196.712.726.676.700.....Spectroscopy, Fourier Transform Infrared
E05.196.712.726.802.....Spectrophotometry, Ultraviolet
E05.196.749.....Polarography
E05.196.778.....Quartz Crystal Microbalance Techniques
E05.196.808.....Refractometry
E05.196.822.....Scattering, Radiation
E05.196.822.325.....Dynamic Light Scattering
E05.196.822.650.....Neutron Diffraction
E05.196.822.830.....Scattering, Small Angle
E05.196.822.860.....Spectrum Analysis, Raman
E05.196.822.950.....X-Ray Diffraction
E05.196.867.....Spectrum Analysis
E05.196.867.151.....Circular Dichroism
E05.196.867.335.....Dielectric Spectroscopy
E05.196.867.427.....Ion Mobility Spectrometry
E05.196.867.519.....Magnetic Resonance Spectroscopy
E05.196.867.519.136.....Carbon-13 Magnetic Resonance Spectroscopy
E05.196.867.519.274.....Electron Spin Resonance Spectroscopy
E05.196.867.519.550.....Nuclear Magnetic Resonance, Biomolecular
E05.196.867.519.775.....Proton Magnetic Resonance Spectroscopy
E05.196.867.576.....Optical Rotatory Dispersion
E05.196.867.618.....Photoelectron Spectroscopy
E05.196.867.660.....Pulse Radiolysis
E05.196.867.726.....Spectrometry, Fluorescence
E05.196.867.776.....Spectrometry, Gamma
E05.196.867.776.751.....Spectroscopy, Mossbauer
E05.196.867.800.....Spectrometry, X-Ray Emission
E05.196.867.800.360.....Electron Probe Microanalysis
E05.196.867.826.....Spectrophotometry

## 2018 MeSH Tree Hierarchy

Tree location
E05.196.867.826.150.....Action Spectrum
E05.196.867.826.300.....Microspectrophotometry
E05.196.867.826.551.....Spectrophotometry, Atomic
E05.196.867.826.676.....Spectrophotometry, Infrared
E05.196.867.826.676.700.....Spectroscopy, Fourier Transform Infrared
E05.196.867.826.802.....Spectrophotometry, Ultraviolet
E05.196.867.838.....Spectroscopy, Electron Energy-Loss
E05.196.867.838.500.....Microscopy, Energy-Filtering Transmission Electron
E05.196.867.851.....Spectroscopy, Near-Infrared
E05.196.867.890.....Spectrum Analysis, Raman
E05.196.867.917.....Sun Protection Factor
E05.196.867.945.....Terahertz Spectroscopy
E05.196.867.972.....X-Ray Absorption Spectroscopy
E05.196.885.....Spin Trapping
E05.196.890.....Surface Plasmon Resonance
E05.196.904.....Thermogravimetry
E05.196.922.....Titrimetry
E05.196.922.250.....Colorimetry
E05.196.922.500.....Conductometry
E05.196.922.750.....Potentiometry
E05.196.941.....Ultracentrifugation
E05.196.941.336.....Centrifugation, Density Gradient
E05.196.941.336.253.....Centrifugation, Isopycnic
E05.196.941.336.419.....Centrifugation, Zonal
E05.197.....Chemistry Techniques, Synthetic
E05.197.124.....Click Chemistry
E05.197.312.....Combinatorial Chemistry Techniques
E05.197.312.500.....SELEX Aptamer Technique
E05.197.406.....Cycloaddition Reaction
E05.197.500.....Solid-Phase Synthesis Techniques
E05.198.....Chromophore-Assisted Light Inactivation
E05.200.....Clinical Laboratory Techniques
E05.200.124.....Clinical Chemistry Tests
E05.200.124.100.....Blood Chemical Analysis
E05.200.124.100.100.....Blood Gas Analysis
E05.200.124.100.100.600.....Oximetry
E05.200.124.100.100.600.100.....Blood Gas Monitoring, Transcutaneous
E05.200.124.100.105.....Blood Glucose Self-Monitoring
E05.200.124.100.110.....Blood Protein Electrophoresis
E05.200.124.100.115.....Blood Urea Nitrogen
E05.200.124.100.232.....Dried Blood Spot Testing

## 2018 MeSH Tree Hierarchy

Tree location	
E05.200.124.100.350.....	Glucose Clamp Technique
E05.200.124.100.355.....	Glucose Tolerance Test
E05.200.124.100.450.....	Lactose Tolerance Test
E05.200.124.100.600.....	Petrosal Sinus Sampling
E05.200.124.200.....	Clinical Enzyme Tests
E05.200.124.300.....	Gastric Acidity Determination
E05.200.124.470.....	Limulus Test
E05.200.124.810.....	Urinalysis
E05.200.500.....	Cytological Techniques
E05.200.500.195.....	Cell Count
E05.200.500.195.107.....	Blood Cell Count
E05.200.500.195.107.330.....	Erythrocyte Count
E05.200.500.195.107.330.725.....	Reticulocyte Count
E05.200.500.195.107.595.....	Leukocyte Count
E05.200.500.195.107.595.500.....	Lymphocyte Count
E05.200.500.195.107.595.500.150.....	CD4 Lymphocyte Count
E05.200.500.195.107.595.500.150.160.....	CD4-CD8 Ratio
E05.200.500.195.107.740.....	Platelet Count
E05.200.500.195.870.....	Sperm Count
E05.200.500.265.....	Cell Culture Techniques
E05.200.500.265.500.....	Primary Cell Culture
E05.200.500.335.....	Cell Migration Assays
E05.200.500.335.500.....	Cell Migration Assays, Leukocyte
E05.200.500.335.750.....	Cell Migration Assays, Macrophage
E05.200.500.335.875.....	Skin Window Technique
E05.200.500.363.....	Cell Separation
E05.200.500.363.171.....	Cytapheresis
E05.200.500.363.171.570.....	Leukapheresis
E05.200.500.363.171.790.....	Plateletpheresis
E05.200.500.363.342.....	Flow Cytometry
E05.200.500.363.441.....	Immunomagnetic Separation
E05.200.500.363.835.....	Leukocyte Reduction Procedures
E05.200.500.373.....	Cell Tracking
E05.200.500.380.....	Cellular Reprogramming Techniques
E05.200.500.380.250.....	Mitochondrial Replacement Therapy
E05.200.500.380.500.....	Nuclear Transfer Techniques
E05.200.500.383.....	Colony-Forming Units Assay
E05.200.500.383.910.....	Tumor Stem Cell Assay
E05.200.500.384.....	Cytodiagnosis
E05.200.500.384.050.....	Amniocentesis
E05.200.500.384.100.....	Biopsy

## 2018 MeSH Tree Hierarchy

Tree location
E05.200.500.384.100.119.....Biopsy, Needle
E05.200.500.384.100.119.500.....Biopsy, Fine-Needle
E05.200.500.384.100.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.200.500.384.100.119.750.....Biopsy, Large-Core Needle
E05.200.500.384.100.149.....Chorionic Villi Sampling
E05.200.500.384.100.160.....Conization
E05.200.500.384.100.370.....Image-Guided Biopsy
E05.200.500.384.100.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.200.500.384.100.396.....Liquid Biopsy
E05.200.500.384.100.422.....Papanicolaou Test
E05.200.500.384.100.580.....Sentinel Lymph Node Biopsy
E05.200.500.384.100.800.....Vaginal Smears
E05.200.500.384.235.....Cytopathogenic Effect, Viral
E05.200.500.384.467.....Karyometry
E05.200.500.385.....Cytogenetic Analysis
E05.200.500.385.130.....Chromosome Banding
E05.200.500.385.315.....Karyotyping
E05.200.500.385.315.800.....Spectral Karyotyping
E05.200.500.385.500.....Mitotic Index
E05.200.500.386.....Cytophotometry
E05.200.500.386.350.....Flow Cytometry
E05.200.500.386.400.....Image Cytometry
E05.200.500.386.400.500.....Laser Scanning Cytometry
E05.200.500.388.....Drug Screening Assays, Antitumor
E05.200.500.388.930.....Tumor Stem Cell Assay
E05.200.500.454.....Electroporation
E05.200.500.454.500.....Electrochemotherapy
E05.200.500.508.....Enzyme-Linked Immunospot Assay
E05.200.500.607.....Histocytochemistry
E05.200.500.607.512.....Immunohistochemistry
E05.200.500.607.512.240.....Fluorescent Antibody Technique
E05.200.500.607.512.240.149.....Antibody-Coated Bacteria Test, Urinary
E05.200.500.607.512.240.300.....Fluorescent Antibody Technique, Direct
E05.200.500.607.512.240.310.....Fluorescent Antibody Technique, Indirect
E05.200.500.607.512.240.655.....Fluoroimmunoassay
E05.200.500.607.512.240.655.350.....Fluorescence Polarization Immunoassay
E05.200.500.607.790.....Periodic Acid-Schiff Reaction
E05.200.500.607.810.....Prussian Blue Reaction
E05.200.500.620.....Histocytological Preparation Techniques
E05.200.500.620.265.....Microdissection
E05.200.500.620.530.....Microtomy



## 2018 MeSH Tree Hierarchy

Tree location
E05.200.500.620.530.160.....Cryoultramicrotomy
E05.200.500.620.530.160.260.....Frozen Sections
E05.200.500.620.620.....Replica Techniques
E05.200.500.620.620.150.....Corrosion Casting
E05.200.500.620.620.260.....Freeze Fracturing
E05.200.500.620.620.260.400.....Freeze Etching
E05.200.500.620.670.....Staining and Labeling
E05.200.500.620.670.130.....Chromosome Banding
E05.200.500.620.670.325.....In Situ Hybridization
E05.200.500.620.670.325.350.....In Situ Hybridization, Fluorescence
E05.200.500.620.670.325.350.125.....Chromosome Painting
E05.200.500.620.670.325.680.....Primed In Situ Labeling
E05.200.500.620.670.520.....Negative Staining
E05.200.500.620.670.570.....Neuroanatomical Tract-Tracing Techniques
E05.200.500.620.670.620.....Periodic Acid-Schiff Reaction
E05.200.500.620.670.660.....Prussian Blue Reaction
E05.200.500.620.670.770.....Shadowing (Histology)
E05.200.500.620.670.780.....Silver Staining
E05.200.500.620.720.....Tissue Embedding
E05.200.500.620.720.610.....Paraffin Embedding
E05.200.500.620.720.640.....Plastic Embedding
E05.200.500.620.760.....Tissue Preservation
E05.200.500.620.760.160.....Cryopreservation
E05.200.500.620.760.160.260.....Freeze Drying
E05.200.500.620.760.160.260.270.....Freeze Substitution
E05.200.500.620.760.720.....Tissue Fixation
E05.200.500.810.....Metabolic Flux Analysis
E05.200.500.905.....Patch-Clamp Techniques
E05.200.562.....Genetic Testing
E05.200.562.250.....Genetic Carrier Screening
E05.200.562.500.....Pharmacogenomic Testing
E05.200.625.....Hematologic Tests
E05.200.625.107.....Blood Cell Count
E05.200.625.107.330.....Erythrocyte Count
E05.200.625.107.330.725.....Reticulocyte Count
E05.200.625.107.595.....Leukocyte Count
E05.200.625.107.595.500.....Lymphocyte Count
E05.200.625.107.595.500.150.....CD4 Lymphocyte Count
E05.200.625.107.595.500.150.160.....CD4-CD8 Ratio
E05.200.625.107.700.....Platelet Count
E05.200.625.115.....Blood Coagulation Tests

## 2018 MeSH Tree Hierarchy

Tree location	
E05.200.625.115.320.....	International Normalized Ratio
E05.200.625.115.600.....	Partial Thromboplastin Time
E05.200.625.115.610.....	Prothrombin Time
E05.200.625.115.830.....	Thrombelastography
E05.200.625.115.870.....	Thrombin Time
E05.200.625.115.950.....	Whole Blood Coagulation Time
E05.200.625.120.....	Blood Grouping and Crossmatching
E05.200.625.125.....	Blood Sedimentation
E05.200.625.135.....	Bone Marrow Examination
E05.200.625.225.....	Erythrocyte Aggregation
E05.200.625.230.....	Erythrocyte Indices
E05.200.625.265.....	Fibrin Clot Lysis Time
E05.200.625.300.....	FIGLU Test
E05.200.625.400.....	Hematocrit
E05.200.625.410.....	Hemoglobinometry
E05.200.625.550.....	Osmotic Fragility
E05.200.625.625.....	Platelet Function Tests
E05.200.625.625.100.....	Bleeding Time
E05.200.625.625.160.....	Clot Retraction
E05.200.625.625.392.....	Mean Platelet Volume
E05.200.625.625.625.....	Platelet Count
E05.200.625.750.....	Schilling Test
E05.200.750.....	Histological Techniques
E05.200.750.132.....	Autoradiography
E05.200.750.288.....	Decalcification Technique
E05.200.750.551.....	Histocytochemistry
E05.200.750.551.512.....	Immunohistochemistry
E05.200.750.551.512.240.....	Fluorescent Antibody Technique
E05.200.750.551.512.240.149.....	Antibody-Coated Bacteria Test, Urinary
E05.200.750.551.512.240.300.....	Fluorescent Antibody Technique, Direct
E05.200.750.551.512.240.310.....	Fluorescent Antibody Technique, Indirect
E05.200.750.551.512.240.655.....	Fluoroimmunoassay
E05.200.750.551.512.240.655.350.....	Fluorescence Polarization Immunoassay
E05.200.750.551.790.....	Periodic Acid-Schiff Reaction
E05.200.750.551.810.....	Prussian Blue Reaction
E05.200.750.600.....	Histocytological Preparation Techniques
E05.200.750.600.520.....	Microdissection
E05.200.750.600.530.....	Microtomy
E05.200.750.600.530.160.....	Cryoultramicrotomy
E05.200.750.600.530.160.260.....	Frozen Sections
E05.200.750.600.620.....	Replica Techniques

## 2018 MeSH Tree Hierarchy

Tree location
E05.200.750.600.620.150.....Corrosion Casting
E05.200.750.600.620.260.....Freeze Fracturing
E05.200.750.600.620.260.400.....Freeze Etching
E05.200.750.600.670.....Staining and Labeling
E05.200.750.600.670.130.....Chromosome Banding
E05.200.750.600.670.325.....In Situ Hybridization
E05.200.750.600.670.325.350.....In Situ Hybridization, Fluorescence
E05.200.750.600.670.325.350.125.....Chromosome Painting
E05.200.750.600.670.325.680.....Primed In Situ Labeling
E05.200.750.600.670.520.....Negative Staining
E05.200.750.600.670.570.....Neuroanatomical Tract-Tracing Techniques
E05.200.750.600.670.660.....Prussian Blue Reaction
E05.200.750.600.670.770.....Shadowing (Histology)
E05.200.750.600.670.780.....Silver Staining
E05.200.750.600.720.....Tissue Embedding
E05.200.750.600.720.610.....Paraffin Embedding
E05.200.750.600.720.640.....Plastic Embedding
E05.200.750.600.760.....Tissue Preservation
E05.200.750.600.760.160.....Cryopreservation
E05.200.750.600.760.160.260.....Freeze Drying
E05.200.750.600.760.160.260.270.....Freeze Substitution
E05.200.750.600.760.720.....Tissue Fixation
E05.200.812.....Immunologic Tests
E05.200.812.049.....Antibody-Coated Bacteria Test, Urinary
E05.200.812.100.....Basophil Degranulation Test
E05.200.812.125.....Cell Migration Assays
E05.200.812.125.500.....Cell Migration Assays, Leukocyte
E05.200.812.125.750.....Cell Migration Assays, Macrophage
E05.200.812.125.875.....Skin Window Technique
E05.200.812.160.....Cytotoxicity Tests, Immunologic
E05.200.812.160.155.....Complement Hemolytic Activity Assay
E05.200.812.375.....Hemolytic Plaque Technique
E05.200.812.385.....Histocompatibility Testing
E05.200.812.385.120.....Blood Grouping and Crossmatching
E05.200.812.385.475.....Lymphocyte Culture Test, Mixed
E05.200.812.400.....Immune Adherence Reaction
E05.200.812.447.....Immunophenotyping
E05.200.812.453.....Interferon-gamma Release Tests
E05.200.812.460.....Leukocyte Adherence Inhibition Test
E05.200.812.482.....Lymphocyte Activation
E05.200.812.505.....Monitoring, Immunologic

## 2018 MeSH Tree Hierarchy

Tree location
E05.200.812.620.....Pregnancy Tests, Immunologic
E05.200.812.706.....Rosette Formation
E05.200.812.735.....Serologic Tests
E05.200.812.735.050.....Agglutination Tests
E05.200.812.735.050.375.....Hemagglutination Tests
E05.200.812.735.050.375.150.....Coombs Test
E05.200.812.735.050.450.....Latex Fixation Tests
E05.200.812.735.060.....AIDS Serodiagnosis
E05.200.812.735.150.....Complement Fixation Tests
E05.200.812.735.155.....Complement Hemolytic Activity Assay
E05.200.812.735.360.....Hemadsorption Inhibition Tests
E05.200.812.735.370.....Hemagglutination Inhibition Tests
E05.200.812.735.550.....Neutralization Tests
E05.200.812.735.645.....Precipitin Tests
E05.200.812.735.645.300.....Flocculation Tests
E05.200.812.735.645.350.....Immunodiffusion
E05.200.812.735.645.350.350.....Immunelectrophoresis
E05.200.812.735.645.350.350.150.....Counterimmunoelectrophoresis
E05.200.812.735.645.350.350.350.....Immunelectrophoresis, Two-Dimensional
E05.200.812.735.830.....Radioallergosorbent Test
E05.200.812.735.840.....Radioimmunoprecipitation Assay
E05.200.812.735.845.....Serum Bactericidal Antibody Assay
E05.200.812.735.850.....Syphilis Serodiagnosis
E05.200.812.735.850.200.....Fluorescent Treponemal Antibody-Absorption Test
E05.200.812.735.850.800.....Treponema Immobilization Test
E05.200.812.742.....Serotyping
E05.200.812.871.....Skin Tests
E05.200.812.871.300.....Intradermal Tests
E05.200.812.871.300.540.....Kveim Test
E05.200.812.871.300.750.....Skin Test End-Point Titration
E05.200.812.871.450.....Local Lymph Node Assay
E05.200.812.871.600.....Passive Cutaneous Anaphylaxis
E05.200.812.871.610.....Patch Tests
E05.200.812.871.705.....Skin Window Technique
E05.200.812.871.800.....Tuberculin Test
E05.200.828.....Laboratory Critical Values
E05.200.843.....Metabolic Clearance Rate
E05.200.875.....Microbiological Techniques
E05.200.875.074.....Axenic Culture
E05.200.875.150.....Bacteriological Techniques
E05.200.875.150.115.....Bacterial Load

## 2018 MeSH Tree Hierarchy

Tree location
E05.200.875.150.125.....Bacterial Typing Techniques
E05.200.875.150.125.150.....Bacteriophage Typing
E05.200.875.150.125.457.....Molecular Typing
E05.200.875.150.125.457.500.....Multilocus Sequence Typing
E05.200.875.150.125.765.....Ribotyping
E05.200.875.150.125.890.....Serotyping
E05.200.875.150.570.....Limulus Test
E05.200.875.185.....Blood Culture
E05.200.875.220.....Colony Count, Microbial
E05.200.875.220.115.....Bacterial Load
E05.200.875.595.....Microbial Sensitivity Tests
E05.200.875.595.399.....Disk Diffusion Antimicrobial Tests
E05.200.875.595.800.....Serum Bactericidal Test
E05.200.875.610.....Mycological Typing Techniques
E05.200.875.837.....Serial Passage
E05.200.875.950.....Viral Load
E05.200.875.970.....Virus Cultivation
E05.200.875.970.790.....Viral Plaque Assay
E05.200.875.977.....Virus Inactivation
E05.200.875.985.....Xenodiagnosis
E05.200.880.....Molecular Diagnostic Techniques
E05.200.880.500.....Human Papillomavirus DNA Tests
E05.200.910.....Neonatal Screening
E05.200.925.....Occult Blood
E05.200.932.....Parasite Load
E05.200.932.600.....Parasite Egg Count
E05.200.940.....Parasitic Sensitivity Tests
E05.200.970.....Pregnancy Tests
E05.200.970.620.....Pregnancy Tests, Immunologic
E05.200.985.....Radioligand Assay
E05.200.992.....Semen Analysis
E05.200.992.624.....Sperm Count
E05.200.992.812.....Sperm Motility
E05.200.996.....Sex Determination Analysis
E05.200.996.500.....Sex Determination by Skeleton
E05.200.998.....Specimen Handling
E05.200.998.054.....Biopsy
E05.200.998.054.119.....Biopsy, Needle
E05.200.998.054.119.500.....Biopsy, Fine-Needle
E05.200.998.054.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.200.998.054.119.750.....Biopsy, Large-Core Needle

## 2018 MeSH Tree Hierarchy

Tree location	
E05.200.998.054.149.....	Chorionic Villi Sampling
E05.200.998.054.160.....	Conization
E05.200.998.054.370.....	Image-Guided Biopsy
E05.200.998.054.370.500.....	Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.200.998.054.396.....	Liquid Biopsy
E05.200.998.054.422.....	Papanicolaou Test
E05.200.998.054.580.....	Sentinel Lymph Node Biopsy
E05.200.998.054.790.....	Spinal Puncture
E05.200.998.054.800.....	Vaginal Smears
E05.200.998.110.....	Blood Specimen Collection
E05.200.998.110.150.....	Cordocentesis
E05.200.998.110.600.....	Petrosal Sinus Sampling
E05.200.998.110.625.....	Phlebotomy
E05.200.998.221.....	Dissection
E05.200.998.221.580.....	Microdissection
E05.200.998.221.580.500.....	Laser Capture Microdissection
E05.200.998.293.....	DNA Contamination
E05.200.998.329.....	Paracentesis
E05.200.998.329.309.....	Amniocentesis
E05.200.998.329.465.....	Arthrocentesis
E05.200.998.329.543.....	Cordocentesis
E05.200.998.329.620.....	Pericardiocentesis
E05.200.998.329.810.....	Thoracentesis
E05.200.998.329.905.....	Tympanocentesis
E05.200.998.762.....	Urine Specimen Collection
E05.225.....	Constriction
E05.235.....	Containment of Biohazards
E05.242.....	Cytological Techniques
E05.242.195.....	Cell Count
E05.242.195.107.....	Blood Cell Count
E05.242.195.107.330.....	Erythrocyte Count
E05.242.195.107.330.725.....	Reticulocyte Count
E05.242.195.107.595.....	Leukocyte Count
E05.242.195.107.595.500.....	Lymphocyte Count
E05.242.195.107.595.500.150.....	CD4 Lymphocyte Count
E05.242.195.107.595.500.150.160.....	CD4-CD8 Ratio
E05.242.195.107.740.....	Platelet Count
E05.242.195.870.....	Sperm Count
E05.242.223.....	Cell Culture Techniques
E05.242.223.500.....	Primary Cell Culture
E05.242.251.....	Cell Fractionation

## 2018 MeSH Tree Hierarchy

Tree location
E05.242.307.....Cell Fusion
E05.242.335.....Cell Migration Assays
E05.242.335.500.....Cell Migration Assays, Leukocyte
E05.242.335.750.....Cell Migration Assays, Macrophage
E05.242.335.875.....Skin Window Technique
E05.242.363.....Cell Separation
E05.242.363.171.....Cytapheresis
E05.242.363.171.570.....Leukapheresis
E05.242.363.171.790.....Plateletpheresis
E05.242.363.342.....Flow Cytometry
E05.242.363.441.....Immunomagnetic Separation
E05.242.363.540.....Leukocyte Reduction Procedures
E05.242.373.....Cell Tracking
E05.242.378.....Cellular Reprogramming Techniques
E05.242.383.....Colony-Forming Units Assay
E05.242.383.910.....Tumor Stem Cell Assay
E05.242.384.....Cytodiagnosis
E05.242.384.050.....Amniocentesis
E05.242.384.100.....Biopsy
E05.242.384.100.119.....Biopsy, Needle
E05.242.384.100.119.500.....Biopsy, Fine-Needle
E05.242.384.100.119.500.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.242.384.100.119.750.....Biopsy, Large-Core Needle
E05.242.384.100.149.....Chorionic Villi Sampling
E05.242.384.100.160.....Conization
E05.242.384.100.370.....Image-Guided Biopsy
E05.242.384.100.370.500.....Endoscopic Ultrasound-Guided Fine Needle Aspiration
E05.242.384.100.396.....Liquid Biopsy
E05.242.384.100.422.....Papanicolaou Test
E05.242.384.100.580.....Sentinel Lymph Node Biopsy
E05.242.384.100.800.....Vaginal Smears
E05.242.384.235.....Cytopathogenic Effect, Viral
E05.242.384.467.....Karyometry
E05.242.385.....Cytogenetic Analysis
E05.242.385.130.....Chromosome Banding
E05.242.385.315.....Karyotyping
E05.242.385.315.800.....Spectral Karyotyping
E05.242.385.500.....Mitotic Index
E05.242.386.....Cytophotometry
E05.242.386.350.....Flow Cytometry
E05.242.386.400.....Image Cytometry

## 2018 MeSH Tree Hierarchy

Tree location
E05.242.386.400.500.....Laser Scanning Cytometry
E05.242.417.....Drug Screening Assays, Antitumor
E05.242.417.500.....Tumor Stem Cell Assay
E05.242.448.....Electroporation
E05.242.448.500.....Electrochemotherapy
E05.242.551.....Enzyme-Linked Immunospot Assay
E05.242.654.....Metabolic Flux Analysis
E05.242.800.....Patch-Clamp Techniques
E05.242.900.....Single-Cell Analysis
E05.242.950.....Stem Cell Research
E05.245.....Decision Support Techniques
E05.245.380.....Data Interpretation, Statistical
E05.256.....Dermatoglyphics
E05.284.....Dilatation
E05.295.....Drug Discovery
E05.295.500.....Drug Design
E05.295.500.500.....Polypharmacology
E05.295.750.....Drug Evaluation, Preclinical
E05.295.875.....Drug Repositioning
E05.298.....Ecological Parameter Monitoring
E05.301.....Electrochemical Techniques
E05.301.160.....Conductometry
E05.301.250.....Electrolysis
E05.301.250.348.....Electroplating
E05.301.270.....Electroosmosis
E05.301.300.....Electrophoresis
E05.301.300.049.....Blood Protein Electrophoresis
E05.301.300.074.....Blotting, Northern
E05.301.300.087.....Blotting, Southern
E05.301.300.093.....Blotting, Southwestern
E05.301.300.096.....Blotting, Western
E05.301.300.096.500.....Blotting, Far-Western
E05.301.300.100.....Electrophoresis, Agar Gel
E05.301.300.100.150.....Comet Assay
E05.301.300.190.....Electrophoresis, Capillary
E05.301.300.190.500.....Capillary Electrochromatography
E05.301.300.200.....Electrophoresis, Cellulose Acetate
E05.301.300.220.....Electrophoresis, Gel, Pulsed-Field
E05.301.300.230.....Electrophoresis, Gel, Two-Dimensional
E05.301.300.230.500.....Two-Dimensional Difference Gel Electrophoresis
E05.301.300.236.....Electrophoresis, Paper



## 2018 MeSH Tree Hierarchy

Tree location	
E05.301.300.319.....	Electrophoresis, Polyacrylamide Gel
E05.301.300.319.201.....	Denaturing Gradient Gel Electrophoresis
E05.301.300.319.403.....	Electrophoresis, Disc
E05.301.300.319.725.....	Native Polyacrylamide Gel Electrophoresis
E05.301.300.402.....	Electrophoresis, Starch Gel
E05.301.300.568.....	Immunolectrophoresis
E05.301.300.568.250.....	Counterimmunolectrophoresis
E05.301.300.568.520.....	Immunolectrophoresis, Two-Dimensional
E05.301.300.575.....	Iontophoresis
E05.301.300.663.....	Isoelectric Focusing
E05.301.300.663.500.....	Isoelectric Point
E05.301.300.831.....	Isotachophoresis
E05.301.500.....	Electroporation
E05.301.500.500.....	Electrochemotherapy
E05.301.700.....	Polarography
E05.301.710.....	Potentiometry
E05.313.....	Embryo Research
E05.313.750.....	Research Embryo Creation
E05.315.....	Endpoint Determination
E05.318.....	Epidemiologic Methods
E05.318.270.....	Contact Tracing
E05.318.308.....	Data Collection
E05.318.308.028.....	Data Accuracy
E05.318.308.056.....	Datasets as Topic
E05.318.308.112.....	Focus Groups
E05.318.308.225.....	Geriatric Assessment
E05.318.308.237.....	Health Impact Assessment
E05.318.308.420.....	Interviews as Topic
E05.318.308.461.....	Lot Quality Assurance Sampling
E05.318.308.502.....	Narration
E05.318.308.585.....	Nutrition Assessment
E05.318.308.763.....	Preliminary Data
E05.318.308.940.....	Records as Topic
E05.318.308.940.250.....	Birth Certificates
E05.318.308.940.350.....	Death Certificates
E05.318.308.940.375.....	Dental Records
E05.318.308.940.425.....	Hospital Records
E05.318.308.940.968.....	Medical Records
E05.318.308.940.968.249.....	Health Records, Personal
E05.318.308.940.968.249.625.....	Patient Generated Health Data
E05.318.308.940.968.249.750.....	Patient Portals

## 2018 MeSH Tree Hierarchy

Tree location
E05.318.308.940.968.500.....Medical Record Linkage
E05.318.308.940.968.550.....Medical Records, Problem-Oriented
E05.318.308.940.968.625.....Medical Records Systems, Computerized
E05.318.308.940.968.625.500.....Electronic Health Records
E05.318.308.940.968.625.500.500.....Health Information Exchange
E05.318.308.940.968.625.750.....Health Smart Cards
E05.318.308.940.968.875.....Trauma Severity Indices
E05.318.308.940.968.875.125.....Abbreviated Injury Scale
E05.318.308.940.968.875.250.....Glasgow Coma Scale
E05.318.308.940.968.875.260.....Glasgow Outcome Scale
E05.318.308.940.968.875.500.....Injury Severity Score
E05.318.308.940.984.....Nursing Records
E05.318.308.970.....Registries
E05.318.308.970.725.....SEER Program
E05.318.308.980.....Surveys and Questionnaires
E05.318.308.980.313.....Contraceptive Prevalence Surveys
E05.318.308.980.344.....Health Care Surveys
E05.318.308.980.344.500.....Patient Reported Outcome Measures
E05.318.308.980.438.....Health Surveys
E05.318.308.980.438.149.....Behavioral Risk Factor Surveillance System
E05.318.308.980.438.300.....Dental Health Surveys
E05.318.308.980.438.300.300.....Dental Plaque Index
E05.318.308.980.438.300.350.....DMF Index
E05.318.308.980.438.300.512.....Index of Orthodontic Treatment Need
E05.318.308.980.438.300.675.....Oral Hygiene Index
E05.318.308.980.438.300.725.....Periodontal Index
E05.318.308.980.438.475.....Health Status Indicators
E05.318.308.980.438.475.365.....APACHE
E05.318.308.980.438.475.456.....Patient Acuity
E05.318.308.980.438.475.456.500.....Severity of Illness Index
E05.318.308.980.438.475.456.500.250.....APACHE
E05.318.308.980.438.475.456.500.500.....Karnofsky Performance Status
E05.318.308.980.438.475.456.500.625.....Organ Dysfunction Scores
E05.318.308.980.438.475.456.500.750.....Simplified Acute Physiology Score
E05.318.308.980.438.475.730.....Sickness Impact Profile
E05.318.308.980.438.580.....Mass Screening
E05.318.308.980.438.580.174.....Anonymous Testing
E05.318.308.980.438.580.510.....Mass Chest X-Ray
E05.318.308.980.438.580.560.....Multiphasic Screening
E05.318.308.980.438.580.580.....Neonatal Screening
E05.318.308.980.438.580.925.....Vision Screening

## 2018 MeSH Tree Hierarchy

Tree location
E05.318.308.980.438.700.....Population Surveillance
E05.318.308.980.438.700.324.....Public Health Surveillance
E05.318.308.980.438.700.650.....Sentinel Surveillance
E05.318.308.980.485.....Nutrition Surveys
E05.318.308.980.485.350.....Diet Surveys
E05.318.308.980.493.....Patient Health Questionnaire
E05.318.308.980.500.....Self Report
E05.318.308.985.....Vital Statistics
E05.318.308.985.450.....Life Expectancy
E05.318.308.985.475.....Life Tables
E05.318.308.985.525.....Morbidity
E05.318.308.985.525.080.....Basic Reproduction Number
E05.318.308.985.525.375.....Incidence
E05.318.308.985.525.750.....Prevalence
E05.318.308.985.550.....Mortality
E05.318.308.985.550.250.....Cause of Death
E05.318.308.985.550.287.....Child Mortality
E05.318.308.985.550.325.....Fatal Outcome
E05.318.308.985.550.362.....Fetal Mortality
E05.318.308.985.550.400.....Hospital Mortality
E05.318.308.985.550.475.....Infant Mortality
E05.318.308.985.550.475.500.....Perinatal Mortality
E05.318.308.985.550.500.....Maternal Mortality
E05.318.308.985.550.550.....Mortality, Premature
E05.318.308.985.550.900.....Survival Rate
E05.318.308.985.775.....Pregnancy Rate
E05.318.308.985.775.500.....Birth Rate
E05.318.362.....Disease Notification
E05.318.375.....Epidemiological Monitoring
E05.318.389.....Geographic Mapping
E05.318.416.....Molecular Epidemiology
E05.318.416.249.....Genome-Wide Association Study
E05.318.416.500.....Mendelian Randomization Analysis
E05.318.650.....Sentinel Surveillance
E05.318.740.....Statistics as Topic
E05.318.740.100.....Actuarial Analysis
E05.318.740.100.500.....Life Tables
E05.318.740.100.500.700.....Quality-Adjusted Life Years
E05.318.740.150.....Analysis of Variance
E05.318.740.150.500.....Multivariate Analysis
E05.318.740.200.....Area Under Curve

## 2018 MeSH Tree Hierarchy

Tree location
E05.318.740.225.....Biometry
E05.318.740.225.500.....Biometric Identification
E05.318.740.225.500.500.....DNA Fingerprinting
E05.318.740.237.....Biostatistics
E05.318.740.250.....Cluster Analysis
E05.318.740.250.675.....Small-Area Analysis
E05.318.740.250.700.....Space-Time Clustering
E05.318.740.275.....Confidence Intervals
E05.318.740.300.....Data Interpretation, Statistical
E05.318.740.350.....Discriminant Analysis
E05.318.740.400.....Factor Analysis, Statistical
E05.318.740.475.....Matched-Pair Analysis
E05.318.740.500.....Models, Statistical
E05.318.740.500.475.....Likelihood Functions
E05.318.740.500.500.....Linear Models
E05.318.740.500.525.....Logistic Models
E05.318.740.500.600.....Models, Economic
E05.318.740.500.600.500.....Models, Econometric
E05.318.740.500.625.....Nomograms
E05.318.740.500.700.....Proportional Hazards Models
E05.318.740.525.....Monte Carlo Method
E05.318.740.562.....Principal Component Analysis
E05.318.740.600.....Probability
E05.318.740.600.200.....Bayes Theorem
E05.318.740.600.400.....Likelihood Functions
E05.318.740.600.500.....Markov Chains
E05.318.740.600.600.....Odds Ratio
E05.318.740.600.650.....Position-Specific Scoring Matrices
E05.318.740.600.675.....Propensity Score
E05.318.740.600.700.....Proportional Hazards Models
E05.318.740.600.800.....Risk
E05.318.740.600.800.450.....Logistic Models
E05.318.740.600.800.582.....Protective Factors
E05.318.740.600.800.715.....Risk Assessment
E05.318.740.600.800.715.250.....Adverse Outcome Pathways
E05.318.740.600.800.715.500.....Healthcare Failure Mode and Effect Analysis
E05.318.740.600.800.725.....Risk Factors
E05.318.740.600.900.....Uncertainty
E05.318.740.750.....Regression Analysis
E05.318.740.750.400.....Least-Squares Analysis
E05.318.740.750.425.....Linear Models

## 2018 MeSH Tree Hierarchy

Tree location
E05.318.740.750.450.....Logistic Models
E05.318.740.750.725.....Proportional Hazards Models
E05.318.740.750.862.....Spatial Regression
E05.318.740.872.....Sensitivity and Specificity
E05.318.740.872.374.....Limit of Detection
E05.318.740.872.750.....ROC Curve
E05.318.740.872.875.....Signal-To-Noise Ratio
E05.318.740.933.....Spatial Analysis
E05.318.740.933.249.....Geographic Mapping
E05.318.740.933.375.....Spatial Regression
E05.318.740.933.500.....Spatio-Temporal Analysis
E05.318.740.994.....Statistical Distributions
E05.318.740.994.250.....Binomial Distribution
E05.318.740.994.300.....Chi-Square Distribution
E05.318.740.994.500.....Normal Distribution
E05.318.740.994.750.....Poisson Distribution
E05.318.740.995.....Statistics, Nonparametric
E05.318.740.996.....Stochastic Processes
E05.318.740.996.500.....Markov Chains
E05.318.740.998.....Survival Analysis
E05.318.740.998.300.....Disease-Free Survival
E05.318.740.998.650.....Kaplan-Meier Estimate
E05.318.740.998.825.....Proportional Hazards Models
E05.318.760.....Epidemiologic Study Characteristics
E05.318.760.250.....Clinical Studies as Topic
E05.318.760.250.500.....Clinical Trials as Topic
E05.318.760.250.500.100.....Adaptive Clinical Trials as Topic
E05.318.760.250.500.200.....Clinical Trials, Phase I as Topic
E05.318.760.250.500.210.....Clinical Trials, Phase II as Topic
E05.318.760.250.500.220.....Clinical Trials, Phase III as Topic
E05.318.760.250.500.230.....Clinical Trials, Phase IV as Topic
E05.318.760.250.500.365.....Controlled Clinical Trials as Topic
E05.318.760.250.500.365.250.....Non-Randomized Controlled Trials as Topic
E05.318.760.250.500.365.500.....Randomized Controlled Trials as Topic
E05.318.760.250.500.365.500.125.....Equivalence Trials as Topic
E05.318.760.250.500.365.500.250.....Intention to Treat Analysis
E05.318.760.250.500.365.500.500.....Pragmatic Clinical Trials as Topic
E05.318.760.250.750.....Observational Studies as Topic
E05.318.760.500.....Epidemiologic Studies
E05.318.760.500.500.....Case-Control Studies
E05.318.760.500.500.500.....Retrospective Studies

## 2018 MeSH Tree Hierarchy

Tree location	
E05.318.760.500.750.....	Cohort Studies
E05.318.760.500.750.249.....	Follow-Up Studies
E05.318.760.500.750.500.....	Longitudinal Studies
E05.318.760.500.750.500.500.....	National Longitudinal Study of Adolescent Health
E05.318.760.500.750.625.....	Prospective Studies
E05.318.760.500.750.750.....	Retrospective Studies
E05.318.760.500.812.....	Controlled Before-After Studies
E05.318.760.500.875.....	Cross-Sectional Studies
E05.318.760.500.912.....	Historically Controlled Study
E05.318.760.500.931.....	Interrupted Time Series Analysis
E05.318.760.500.950.....	Seroepidemiologic Studies
E05.318.760.500.950.375.....	HIV Seroprevalence
E05.318.760.550.....	Feasibility Studies
E05.318.760.658.....	Multicenter Studies as Topic
E05.318.760.750.....	Pilot Projects
E05.318.760.875.....	Sampling Studies
E05.318.760.900.....	Twin Studies as Topic
E05.318.780.....	Epidemiologic Research Design
E05.318.780.074.....	Control Groups
E05.318.780.150.....	Cross-Over Studies
E05.318.780.300.....	Double-Blind Method
E05.318.780.392.....	Genome-Wide Association Study
E05.318.780.438.....	Lost to Follow-Up
E05.318.780.485.....	Matched-Pair Analysis
E05.318.780.500.....	Meta-Analysis as Topic
E05.318.780.500.500.....	Network Meta-Analysis
E05.318.780.700.....	Random Allocation
E05.318.780.725.....	Reproducibility of Results
E05.318.780.725.250.....	Data Accuracy
E05.318.780.725.250.500.....	Scientific Experimental Error
E05.318.780.725.500.....	Dimensional Measurement Accuracy
E05.318.780.762.....	Sample Size
E05.318.780.800.....	Sensitivity and Specificity
E05.318.780.800.650.....	Predictive Value of Tests
E05.318.780.800.750.....	ROC Curve
E05.318.780.800.875.....	Signal-To-Noise Ratio
E05.318.780.850.....	Single-Blind Method
E05.320.....	Equipment Design
E05.320.274.....	Orthodontic Appliance Design
E05.320.550.....	Prosthesis Design
E05.320.550.550.....	Prosthesis Coloring

## 2018 MeSH Tree Hierarchy

Tree location
E05.325.....Equipment Failure
E05.325.095.....Catheter Obstruction
E05.325.192.....Equipment Failure Analysis
E05.325.578.....Intrauterine Device Migration
E05.325.578.500.....Intrauterine Device Expulsion
E05.325.771.....Prosthesis Failure
E05.328.....Equipment Reuse
E05.330.....Equipment Safety
E05.333.....Ergometry
E05.333.250.....Exercise Test
E05.335.....Euthanasia, Animal
E05.337.....Evaluation Studies as Topic
E05.337.275.....Device Approval
E05.337.275.500.....Diagnostic Test Approval
E05.337.300.....Drug Approval
E05.337.300.199.....Compassionate Use Trials
E05.337.300.400.....Investigational New Drug Application
E05.337.425.....Drug Evaluation
E05.337.550.....Drug Evaluation, Preclinical
E05.337.550.200.....Drug Screening Assays, Antitumor
E05.337.550.200.800.....Tumor Stem Cell Assay
E05.337.550.200.900.....Xenograft Model Antitumor Assays
E05.337.550.200.900.830.....Subrenal Capsule Assay
E05.337.550.400.....Microbial Sensitivity Tests
E05.337.550.400.800.....Serum Bactericidal Test
E05.337.550.700.....Parasitic Sensitivity Tests
E05.337.675.....Feasibility Studies
E05.337.737.....Pilot Projects
E05.337.800.....Product Surveillance, Postmarketing
E05.337.800.120.....Adverse Drug Reaction Reporting Systems
E05.337.800.200.....Clinical Trials, Phase IV as Topic
E05.337.800.600.....Pharmacovigilance
E05.337.800.800.....Prescription Drug Monitoring Programs
E05.337.820.....Program Evaluation
E05.337.851.....Reproducibility of Results
E05.337.851.500.....Dimensional Measurement Accuracy
E05.337.925.....Validation Studies as Topic
E05.349.....Fetal Research
E05.355.....Finite Element Analysis
E05.362.....Food Analysis
E05.377.....Fourier Analysis

## 2018 MeSH Tree Hierarchy

Tree location
E05.385.....Games, Experimental
E05.385.500.....Prisoner Dilemma
E05.393.....Genetic Techniques
E05.393.085.....Cellular Reprogramming Techniques
E05.393.085.250.....Mitochondrial Replacement Therapy
E05.393.085.500.....Nuclear Transfer Techniques
E05.393.170.....Chromatin Immunoprecipitation
E05.393.183.....Chromosome Mapping
E05.393.183.250.....Chromosome Walking
E05.393.183.620.....Physical Chromosome Mapping
E05.393.183.620.160.....Contig Mapping
E05.393.183.620.405.....Radiation Hybrid Mapping
E05.393.183.620.650.....Restriction Mapping
E05.393.183.620.650.500.....Optical Restriction Mapping
E05.393.220.....Cloning, Molecular
E05.393.220.250.....Artificial Gene Fusion
E05.393.220.250.500.....Cell Surface Display Techniques
E05.393.220.870.....Two-Hybrid System Techniques
E05.393.240.....Cloning, Organism
E05.393.260.....Contig Mapping
E05.393.281.....Crosses, Genetic
E05.393.281.526.....Genetic Complementation Test
E05.393.285.....Cytogenetic Analysis
E05.393.285.130.....Chromosome Banding
E05.393.285.240.....Comparative Genomic Hybridization
E05.393.285.350.....In Situ Hybridization, Fluorescence
E05.393.285.350.125.....Chromosome Painting
E05.393.285.350.125.800.....Spectral Karyotyping
E05.393.285.475.....Karyotyping
E05.393.285.475.800.....Spectral Karyotyping
E05.393.285.830.....Sex Determination Analysis
E05.393.285.830.500.....Sex Determination by Skeleton
E05.393.290.....DNA Fingerprinting
E05.393.290.382.....Amplified Fragment Length Polymorphism Analysis
E05.393.290.573.....DNA Contamination
E05.393.290.765.....Ribotyping
E05.393.300.....DNA Footprinting
E05.393.332.....Gene Expression Profiling
E05.393.332.500.....Subtractive Hybridization Techniques
E05.393.335.....Gene Targeting
E05.393.335.249.....Gene Knock-In Techniques



## 2018 MeSH Tree Hierarchy

Tree location
E05.393.335.500.....Gene Knockdown Techniques
E05.393.335.750.....Gene Knockout Techniques
E05.393.350.....Gene Transfer Techniques
E05.393.350.100.....Biolistics
E05.393.350.800.....Transduction, Genetic
E05.393.350.810.....Transfection
E05.393.350.810.500.....Transformation, Bacterial
E05.393.385.....Genetic Association Studies
E05.393.385.500.....Genome-Wide Association Study
E05.393.420.....Genetic Engineering
E05.393.420.175.....Directed Molecular Evolution
E05.393.420.175.500.....Gene Drive Technology
E05.393.420.238.....DNA Shuffling
E05.393.420.270.....Gene Editing
E05.393.420.301.....Genetic Therapy
E05.393.420.301.500.....Targeted Gene Repair
E05.393.420.451.....Genetic Enhancement
E05.393.420.526.....Metabolic Engineering
E05.393.420.601.....Protein Engineering
E05.393.420.601.035.....Amino Acid Substitution
E05.393.420.601.292.....Cell Surface Display Techniques
E05.393.420.601.550.....Mutagenesis, Insertional
E05.393.420.601.575.....Mutagenesis, Site-Directed
E05.393.420.601.575.500.....Targeted Gene Repair
E05.393.420.890.....Sex Preselection
E05.393.435.....Genetic Testing
E05.393.435.250.....Genetic Carrier Screening
E05.393.435.500.....Pharmacogenomic Testing
E05.393.442.....Genotyping Techniques
E05.393.475.....In Situ Nick-End Labeling
E05.393.520.....Molecular Diagnostic Techniques
E05.393.520.500.....Comparative Genomic Hybridization
E05.393.520.750.....Human Papillomavirus DNA Tests
E05.393.522.....Molecular Epidemiology
E05.393.522.500.....Genome-Wide Association Study
E05.393.542.....Molecular Typing
E05.393.542.249.....DNA Barcoding, Taxonomic
E05.393.542.500.....Multilocus Sequence Typing
E05.393.560.....Mutagenicity Tests
E05.393.560.150.....Comet Assay
E05.393.560.598.....Micronucleus Tests

## 2018 MeSH Tree Hierarchy

Tree location
E05.393.600.....Nuclease Protection Assays
E05.393.620.....Nucleic Acid Amplification Techniques
E05.393.620.311.....Ligase Chain Reaction
E05.393.620.500.....Polymerase Chain Reaction
E05.393.620.500.324.....Amplified Fragment Length Polymorphism Analysis
E05.393.620.500.487.....Multiplex Polymerase Chain Reaction
E05.393.620.500.650.....Primed In Situ Labeling
E05.393.620.500.687.....Random Amplified Polymorphic DNA Technique
E05.393.620.500.706.....Real-Time Polymerase Chain Reaction
E05.393.620.500.725.....Reverse Transcriptase Polymerase Chain Reaction
E05.393.620.700.....Self-Sustained Sequence Replication
E05.393.640.....Nucleic Acid Denaturation
E05.393.661.....Nucleic Acid Hybridization
E05.393.661.124.....Branched DNA Signal Amplification Assay
E05.393.661.187.....Comparative Genomic Hybridization
E05.393.661.250.....Heteroduplex Analysis
E05.393.661.475.....In Situ Hybridization
E05.393.661.475.350.....In Situ Hybridization, Fluorescence
E05.393.661.475.350.125.....Chromosome Painting
E05.393.661.475.350.125.800.....Spectral Karyotyping
E05.393.661.475.680.....Primed In Situ Labeling
E05.393.661.640.....Oligonucleotide Array Sequence Analysis
E05.393.661.820.....Subtractive Hybridization Techniques
E05.393.667.....Optogenetics
E05.393.673.....Pedigree
E05.393.712.....Restriction Mapping
E05.393.712.500.....Optical Restriction Mapping
E05.393.731.....Reverse Genetics
E05.393.751.....Sequence Alignment
E05.393.760.....Sequence Analysis
E05.393.760.319.....High-Throughput Nucleotide Sequencing
E05.393.760.479.....Molecular Sequence Annotation
E05.393.760.640.....Oligonucleotide Array Sequence Analysis
E05.393.760.640.500.....Genome-Wide Association Study
E05.393.760.670.....Position-Specific Scoring Matrices
E05.393.760.700.....Sequence Analysis, DNA
E05.393.760.700.149.....DNA Barcoding, Taxonomic
E05.393.760.700.224.....DNA Contamination
E05.393.760.700.300.....DNA Mutational Analysis
E05.393.760.700.650.....Multilocus Sequence Typing
E05.393.760.700.825.....Whole Genome Sequencing

## 2018 MeSH Tree Hierarchy

Tree location
E05.393.760.700.825.500.....Whole Exome Sequencing
E05.393.760.705.....Sequence Analysis, Protein
E05.393.760.705.685.....Peptide Mapping
E05.393.760.705.685.690.....Protein Footprinting
E05.393.760.710.....Sequence Analysis, RNA
E05.417.....Hardness Tests
E05.445.....Human Experimentation
E05.445.100.....Autoexperimentation
E05.445.750.....Nontherapeutic Human Experimentation
E05.445.875.....Therapeutic Human Experimentation
E05.466.....Immersion
E05.472.....Immobilization
E05.472.760.....Restraint, Physical
E05.472.760.370.....Hindlimb Suspension
E05.478.....Immunologic Techniques
E05.478.274.....Epitope Mapping
E05.478.550.....Immunization
E05.478.550.520.....Immunization, Passive
E05.478.550.520.050.....Adoptive Transfer
E05.478.550.520.050.400.....Immunotherapy, Adoptive
E05.478.550.545.....Immunization Schedule
E05.478.550.550.....Immunization, Secondary
E05.478.550.600.....Immunotherapy, Active
E05.478.550.600.890.....Vaccination
E05.478.550.600.890.500.....Mass Vaccination
E05.478.566.....Immunoassay
E05.478.566.159.....Fluoroimmunoassay
E05.478.566.159.350.....Fluorescence Polarization Immunoassay
E05.478.566.320.....Immunoblotting
E05.478.566.320.200.....Blotting, Western
E05.478.566.320.200.200.....Blotting, Far-Western
E05.478.566.335.....Immunochemistry
E05.478.566.350.....Immunoenzyme Techniques
E05.478.566.350.170.....Enzyme-Linked Immunosorbent Assay
E05.478.566.350.170.500.....Enzyme-Linked Immunospot Assay
E05.478.566.350.180.....Enzyme Multiplied Immunoassay Technique
E05.478.566.380.....Immunosorbent Techniques
E05.478.566.380.360.....Enzyme-Linked Immunosorbent Assay
E05.478.566.380.360.500.....Enzyme-Linked Immunospot Assay
E05.478.566.380.810.....Radioallergosorbent Test
E05.478.566.380.825.....Radioimmunoprecipitation Assay

## 2018 MeSH Tree Hierarchy

Tree location
E05.478.566.380.830.....Radioimmunosorbent Test
E05.478.566.510.....Immunoturbidimetry
E05.478.566.639.....Radioimmunoassay
E05.478.566.639.405.....Immunoradiometric Assay
E05.478.566.639.810.....Radioallergosorbent Test
E05.478.566.639.825.....Radioimmunoprecipitation Assay
E05.478.566.639.830.....Radioimmunosorbent Test
E05.478.583.....Immunohistochemistry
E05.478.583.375.....Fluorescent Antibody Technique
E05.478.583.375.050.....Antibody-Coated Bacteria Test, Urinary
E05.478.583.375.300.....Fluorescent Antibody Technique, Direct
E05.478.583.375.310.....Fluorescent Antibody Technique, Indirect
E05.478.583.375.655.....Fluoroimmunoassay
E05.478.583.375.655.350.....Fluorescence Polarization Immunoassay
E05.478.583.400.....Immunoenzyme Techniques
E05.478.583.400.170.....Enzyme-Linked Immunosorbent Assay
E05.478.583.400.170.500.....Enzyme-Linked Immunospot Assay
E05.478.583.400.180.....Enzyme Multiplied Immunoassay Technique
E05.478.594.....Immunologic Tests
E05.478.594.049.....Antibody-Coated Bacteria Test, Urinary
E05.478.594.100.....Basophil Degranulation Test
E05.478.594.122.....Cell Migration Assays
E05.478.594.122.500.....Cell Migration Assays, Leukocyte
E05.478.594.122.750.....Cell Migration Assays, Macrophage
E05.478.594.122.875.....Skin Window Technique
E05.478.594.160.....Cytotoxicity Tests, Immunologic
E05.478.594.160.150.....Complement Hemolytic Activity Assay
E05.478.594.375.....Hemolytic Plaque Technique
E05.478.594.385.....Histocompatibility Testing
E05.478.594.385.120.....Blood Grouping and Crossmatching
E05.478.594.385.429.....Lymphocyte Culture Test, Mixed
E05.478.594.400.....Immune Adherence Reaction
E05.478.594.450.....Immunophenotyping
E05.478.594.475.....Interferon-gamma Release Tests
E05.478.594.500.....Leukocyte Adherence Inhibition Test
E05.478.594.530.....Lymphocyte Activation
E05.478.594.550.....Monitoring, Immunologic
E05.478.594.662.....Pregnancy Tests, Immunologic
E05.478.594.730.....Rosette Formation
E05.478.594.760.....Serologic Tests
E05.478.594.760.050.....Agglutination Tests

## 2018 MeSH Tree Hierarchy

Tree location
E05.478.594.760.050.375.....Hemagglutination Tests
E05.478.594.760.050.375.150.....Coombs Test
E05.478.594.760.050.450.....Latex Fixation Tests
E05.478.594.760.060.....AIDS Serodiagnosis
E05.478.594.760.150.....Complement Fixation Tests
E05.478.594.760.155.....Complement Hemolytic Activity Assay
E05.478.594.760.360.....Hemadsorption Inhibition Tests
E05.478.594.760.370.....Hemagglutination Inhibition Tests
E05.478.594.760.550.....Neutralization Tests
E05.478.594.760.645.....Precipitin Tests
E05.478.594.760.645.300.....Flocculation Tests
E05.478.594.760.645.350.....Immunodiffusion
E05.478.594.760.645.350.350.....Immunoelectrophoresis
E05.478.594.760.645.350.350.150.....Counterimmunoelectrophoresis
E05.478.594.760.645.350.350.350.....Immunoelectrophoresis, Two-Dimensional
E05.478.594.760.830.....Radioallergosorbent Test
E05.478.594.760.840.....Radioimmunoprecipitation Assay
E05.478.594.760.845.....Serum Bactericidal Antibody Assay
E05.478.594.760.850.....Syphilis Serodiagnosis
E05.478.594.760.850.200.....Fluorescent Treponemal Antibody-Absorption Test
E05.478.594.760.850.800.....Treponema Immobilization Test
E05.478.594.780.....Serotyping
E05.478.594.890.....Skin Tests
E05.478.594.890.300.....Intradermal Tests
E05.478.594.890.300.540.....Kveim Test
E05.478.594.890.300.750.....Skin Test End-Point Titration
E05.478.594.890.450.....Local Lymph Node Assay
E05.478.594.890.600.....Passive Cutaneous Anaphylaxis
E05.478.594.890.610.....Patch Tests
E05.478.594.890.705.....Skin Window Technique
E05.478.594.890.800.....Tuberculin Test
E05.478.605.....Immunoprecipitation
E05.478.605.160.....Chromatin Immunoprecipitation
E05.478.605.492.....Precipitin Tests
E05.478.605.492.300.....Flocculation Tests
E05.478.605.492.350.....Immunodiffusion
E05.478.605.492.350.350.....Immunoelectrophoresis
E05.478.605.492.350.350.150.....Counterimmunoelectrophoresis
E05.478.605.492.350.350.350.....Immunoelectrophoresis, Two-Dimensional
E05.478.605.825.....Radioimmunoprecipitation Assay
E05.478.610.....Immunosuppression

## 2018 MeSH Tree Hierarchy

Tree location	
E05.478.610.310.....	Desensitization, Immunologic
E05.478.610.310.500.....	Sublingual Immunotherapy
E05.478.610.500.....	Graft Enhancement, Immunologic
E05.478.610.570.....	Lymphocyte Depletion
E05.478.610.800.....	Transplantation Conditioning
E05.478.805.....	Radioimmunoassay
E05.481.....	In Vitro Techniques
E05.481.500.....	Culture Techniques
E05.481.500.124.....	Axenic Culture
E05.481.500.249.....	Cell Culture Techniques
E05.481.500.249.124.....	Batch Cell Culture Techniques
E05.481.500.249.500.....	Primary Cell Culture
E05.481.500.311.....	Cell Engineering
E05.481.500.311.249.....	Metabolic Engineering
E05.481.500.311.500.....	Tissue Engineering
E05.481.500.374.....	Coculture Techniques
E05.481.500.468.....	Embryo Culture Techniques
E05.481.500.484.....	Organ Culture Techniques
E05.481.500.550.....	Plant Somatic Embryogenesis Techniques
E05.481.500.617.....	Tissue Culture Techniques
E05.484.....	Indicator Dilution Techniques
E05.484.250.....	Dye Dilution Technique
E05.484.650.....	Radioisotope Dilution Technique
E05.484.750.....	Thermodilution
E05.490.....	Interferometry
E05.490.630.....	Microscopy, Interference
E05.490.630.569.....	Microscopy, Phase-Contrast
E05.490.815.....	Moire Topography
E05.497.....	Intubation
E05.497.412.....	Intubation, Gastrointestinal
E05.497.578.....	Intubation, Intratracheal
E05.497.578.475.....	Laryngeal Masks
E05.516.....	Ischemic Preconditioning
E05.516.325.....	Ischemic Preconditioning, Myocardial
E05.519.....	Isolated Heart Preparation
E05.522.....	Isotope Labeling
E05.540.....	Magnetometry
E05.540.249.....	Magnetocardiography
E05.540.500.....	Magnetoencephalography
E05.559.....	Manometry
E05.559.740.....	Rhinomanometry

## 2018 MeSH Tree Hierarchy

Tree location
E05.570.....Materials Testing
E05.581.....Methods
E05.581.249.....Observation
E05.581.500.....Research Design
E05.581.500.149.....Control Groups
E05.581.500.300.....Double-Blind Method
E05.581.500.400.....Early Termination of Clinical Trials
E05.581.500.501.....Meta-Analysis as Topic
E05.581.500.501.500.....Network Meta-Analysis
E05.581.500.653.....Patient Selection
E05.581.500.805.....Random Allocation
E05.581.500.902.....Sample Size
E05.581.500.902.500.....Numbers Needed To Treat
E05.588.....Microchip Analytical Procedures
E05.588.465.....Microfluidic Analytical Techniques
E05.588.465.340.....Electrophoresis, Microchip
E05.588.570.....Microarray Analysis
E05.588.570.660.....Oligonucleotide Array Sequence Analysis
E05.588.570.700.....Protein Array Analysis
E05.588.570.850.....Tissue Array Analysis
E05.591.....Micromanipulation
E05.591.560.....Microdissection
E05.591.560.500.....Laser Capture Microdissection
E05.591.570.....Microinjections
E05.591.580.....Microsurgery
E05.595.....Microscopy
E05.595.185.....Intravital Microscopy
E05.595.185.250.....Dermoscopy
E05.595.185.500.....Microscopic Angioscopy
E05.595.370.....Microscopy, Acoustic
E05.595.395.....Microscopy, Confocal
E05.595.395.500.....Laser Scanning Cytometry
E05.595.402.....Microscopy, Electron
E05.595.402.150.....Cryoelectron Microscopy
E05.595.402.250.....Electron Probe Microanalysis
E05.595.402.541.....Microscopy, Electron, Scanning
E05.595.402.580.....Microscopy, Electron, Transmission
E05.595.402.580.239.....Electron Microscope Tomography
E05.595.402.580.480.....Microscopy, Electron, Scanning Transmission
E05.595.402.580.500.....Microscopy, Energy-Filtering Transmission Electron
E05.595.402.625.....Microscopy, Immunoelectron

## 2018 MeSH Tree Hierarchy

Tree location
E05.595.458.....Microscopy, Fluorescence
E05.595.458.500.....Microscopy, Fluorescence, Multiphoton
E05.595.513.....Microscopy, Interference
E05.595.513.569.....Microscopy, Phase-Contrast
E05.595.624.....Microscopy, Polarization
E05.595.666.....Microscopy, Scanning Probe
E05.595.666.400.....Microscopy, Atomic Force
E05.595.666.450.....Microscopy, Electrochemical, Scanning
E05.595.666.500.....Microscopy, Scanning Tunneling
E05.595.680.....Microscopy, Ultraviolet
E05.595.690.....Microscopy, Video
E05.595.717.....Nonlinear Optical Microscopy
E05.595.717.250.....Microscopy, Fluorescence, Multiphoton
E05.595.717.500.....Second Harmonic Generation Microscopy
E05.595.744.....Nuclear Microscopy
E05.595.799.....Photomicrography
E05.595.899.....Single Molecule Imaging
E05.598.....Models, Animal
E05.598.500.....Disease Models, Animal
E05.598.500.249.....Arthritis, Experimental
E05.598.500.374.....Diabetes Mellitus, Experimental
E05.598.500.468.....Liver Cirrhosis, Experimental
E05.598.500.496.....Neoplasms, Experimental
E05.598.500.496.500.....Leukemia, Experimental
E05.598.500.496.750.....Liver Neoplasms, Experimental
E05.598.500.496.843.....Mammary Neoplasms, Experimental
E05.598.500.496.937.....Melanoma, Experimental
E05.598.500.496.968.....Sarcoma, Experimental
E05.598.500.500.....Nervous System Autoimmune Disease, Experimental
E05.598.500.500.500.....Encephalomyelitis, Autoimmune, Experimental
E05.598.500.500.750.....Myasthenia Gravis, Autoimmune, Experimental
E05.598.500.500.875.....Neuritis, Autoimmune, Experimental
E05.598.500.750.....Radiation Injuries, Experimental
E05.598.750.....Isolated Heart Preparation
E05.599.....Models, Theoretical
E05.599.125.....Fractals
E05.599.250.....Fuzzy Logic
E05.599.395.....Models, Biological
E05.599.395.040.....Adverse Outcome Pathways
E05.599.395.080.....Disease Models, Animal
E05.599.395.161.....Models, Cardiovascular



## 2018 MeSH Tree Hierarchy

Tree location
E05.599.395.397.....Models, Genetic
E05.599.395.500.....Models, Immunological
E05.599.395.642.....Models, Neurological
E05.599.395.642.550.....Neurolinguistic Programming
E05.599.395.821.....Patient-Specific Modeling
E05.599.495.....Models, Chemical
E05.599.545.....Models, Educational
E05.599.595.....Models, Molecular
E05.599.595.249.....Molecular Docking Simulation
E05.599.595.500.....Molecular Dynamics Simulation
E05.599.645.....Models, Nursing
E05.599.670.....Models, Organizational
E05.599.695.....Models, Psychological
E05.599.695.550.....Neurolinguistic Programming
E05.599.835.....Models, Statistical
E05.599.835.500.....Likelihood Functions
E05.599.835.750.....Linear Models
E05.599.835.875.....Logistic Models
E05.599.835.890.....Models, Economic
E05.599.835.890.500.....Models, Econometric
E05.599.835.893.....Models, Spatial Interaction
E05.599.835.895.....Nomograms
E05.599.835.900.....Proportional Hazards Models
E05.599.850.....Nonlinear Dynamics
E05.601.....Molecular Probe Techniques
E05.601.043.....Biosensing Techniques
E05.601.043.700.....Surface Plasmon Resonance
E05.601.085.....Biotinylation
E05.601.100.....Blotting, Northern
E05.601.150.....Blotting, Southern
E05.601.225.....Blotting, Southwestern
E05.601.262.....Blotting, Western
E05.601.262.500.....Blotting, Far-Western
E05.601.300.....Branched DNA Signal Amplification Assay
E05.601.470.....Immunoassay
E05.601.470.320.....Immunoblotting
E05.601.470.320.200.....Blotting, Western
E05.601.470.320.200.500.....Blotting, Far-Western
E05.601.470.350.....Immunoenzyme Techniques
E05.601.470.350.170.....Enzyme-Linked Immunosorbent Assay
E05.601.470.350.170.500.....Enzyme-Linked Immunospot Assay

## 2018 MeSH Tree Hierarchy

Tree location
E05.601.470.350.180.....Enzyme Multiplied Immunoassay Technique
E05.601.470.380.....Immunsorbent Techniques
E05.601.470.380.360.....Enzyme-Linked Immunosorbent Assay
E05.601.470.380.360.500.....Enzyme-Linked Immunospot Assay
E05.601.470.380.810.....Radioallergosorbent Test
E05.601.470.380.825.....Radioimmunoprecipitation Assay
E05.601.470.380.830.....Radioimmunosorbent Test
E05.601.470.510.....Immunoturbidimetry
E05.601.470.639.....Radioimmunoassay
E05.601.470.639.405.....Immunoradiometric Assay
E05.601.470.639.810.....Radioallergosorbent Test
E05.601.470.639.825.....Radioimmunoprecipitation Assay
E05.601.470.639.830.....Radioimmunosorbent Test
E05.601.555.....Molecular Imaging
E05.601.555.500.....Single Molecule Imaging
E05.601.640.....Oligonucleotide Array Sequence Analysis
E05.601.680.....Protein Array Analysis
E05.601.690.....Protein Interaction Mapping
E05.601.690.149.....Blotting, Far-Western
E05.601.690.300.....Epitope Mapping
E05.601.690.650.....Two-Hybrid System Techniques
E05.601.700.....Random Amplified Polymorphic DNA Technique
E05.601.870.....Two-Hybrid System Techniques
E05.624.....Neoplasm Transplantation
E05.624.850.....Xenograft Model Antitumor Assays
E05.624.850.830.....Subrenal Capsule Assay
E05.629.....Neuroimaging
E05.629.750.....Diffusion Tensor Imaging
E05.629.875.....Functional Neuroimaging
E05.629.875.500.....Brain Mapping
E05.629.875.500.500.....Connectome
E05.629.937.....Neuroradiography
E05.629.937.180.....Cerebral Angiography
E05.629.937.190.....Cerebral Ventriculography
E05.629.937.260.....Echoencephalography
E05.629.937.260.850.....Ultrasonography, Doppler, Transcranial
E05.629.937.505.....Myelography
E05.629.937.620.....Pneumoencephalography
E05.635.....Neuromuscular Blockade
E05.638.....Olfactometry
E05.642.....Optical Imaging

## 2018 MeSH Tree Hierarchy

Tree location	
E05.642.124.....	Narrow Band Imaging
E05.642.249.....	Tomography, Optical
E05.642.249.500.....	Tomography, Optical Coherence
E05.642.500.....	Transillumination
E05.650.....	Optical Tweezers
E05.654.....	Oscillometry
E05.657.....	Oxygen Radical Absorbance Capacity
E05.660.....	Parabiosis
E05.660.365.....	Cross Circulation
E05.680.....	Perfusion
E05.680.730.....	Reperfusion
E05.680.730.600.....	Myocardial Reperfusion
E05.696.....	Photoacoustic Techniques
E05.712.....	Photography
E05.712.315.....	Photography, Dental
E05.712.657.....	Time-Lapse Imaging
E05.723.....	Physical Stimulation
E05.723.136.....	Acoustic Stimulation
E05.723.402.....	Electric Stimulation
E05.723.402.201.....	Chronaxy
E05.723.402.403.....	Electroshock
E05.723.729.....	Photic Stimulation
E05.734.....	Physiognomy
E05.760.....	Preservation, Biological
E05.760.156.....	Cryopreservation
E05.760.156.260.....	Freeze Drying
E05.760.156.260.270.....	Freeze Substitution
E05.760.643.....	Refrigeration
E05.760.833.....	Tissue Preservation
E05.760.833.230.....	Blood Preservation
E05.760.833.230.500.....	Blood Safety
E05.760.833.445.....	Cold Ischemia
E05.760.833.660.....	Organ Preservation
E05.760.833.890.....	Semen Preservation
E05.790.....	Protein Refolding
E05.793.....	Protein Unfolding
E05.793.500.....	Protein Denaturation
E05.796.....	Psychological Techniques
E05.796.112.....	Behavior Observation Techniques
E05.796.332.....	Galvanic Skin Response
E05.796.817.....	Reaction Time

## 2018 MeSH Tree Hierarchy

Tree location
E05.796.817.559.....Refractory Period, Psychological
E05.796.908.....Signal Detection, Psychological
E05.799.....Radiometry
E05.799.256.....Autoradiography
E05.799.513.....Radiation Dosage
E05.799.513.500.....Dose-Response Relationship, Radiation
E05.799.638.....Radiation Monitoring
E05.799.638.231.....Body Burden
E05.799.638.420.....Film Dosimetry
E05.799.638.511.....In Vivo Dosimetry
E05.799.638.602.....Optically Stimulated Luminescence Dosimetry
E05.799.638.785.....Thermoluminescent Dosimetry
E05.799.669.....Radiometric Dating
E05.799.700.....Scintillation Counting
E05.799.801.....Spectrometry, Gamma
E05.799.830.....Spectrometry, X-Ray Emission
E05.799.830.360.....Electron Probe Microanalysis
E05.799.890.....Sun Protection Factor
E05.799.950.....Whole-Body Counting
E05.820.....Reproductive Techniques
E05.820.150.....Breeding
E05.820.150.360.....Estrus Detection
E05.820.150.370.....Estrus Synchronization
E05.820.150.390.....Hybridization, Genetic
E05.820.150.520.....Inbreeding
E05.820.150.760.....Selective Breeding
E05.820.180.....Cloning, Organism
E05.820.240.....Embryo Disposition
E05.820.390.....Fallopian Tube Patency Tests
E05.820.540.....Nuclear Transfer Techniques
E05.820.690.....Ovulation Detection
E05.820.745.....Ovulation Prediction
E05.820.800.....Reproductive Techniques, Assisted
E05.820.800.250.....Donor Conception
E05.820.800.500.....Embryo Transfer
E05.820.800.500.500.....Single Embryo Transfer
E05.820.800.625.....Fertility Preservation
E05.820.800.750.....Fertilization in Vitro
E05.820.800.750.350.....Mitochondrial Replacement Therapy
E05.820.800.750.700.....Sperm Injections, Intracytoplasmic
E05.820.800.875.....Gamete Intrafallopian Transfer

## 2018 MeSH Tree Hierarchy

Tree location	
E05.820.800.906.....	In Vitro Oocyte Maturation Techniques
E05.820.800.937.....	Insemination, Artificial
E05.820.800.937.515.....	Insemination, Artificial, Heterologous
E05.820.800.937.525.....	Insemination, Artificial, Homologous
E05.820.800.968.....	Oocyte Donation
E05.820.800.976.....	Oocyte Retrieval
E05.820.800.984.....	Ovulation Induction
E05.820.800.984.500.....	Superovulation
E05.820.800.986.....	Posthumous Conception
E05.820.800.988.....	Sperm Retrieval
E05.820.800.992.....	Zygote Intrafallopian Transfer
E05.830.....	Rheology
E05.830.250.....	Hemorheology
E05.830.500.....	Laser-Doppler Flowmetry
E05.830.583.....	Lubrication
E05.830.666.....	Microfluidics
E05.830.666.500.....	Electrowetting
E05.848.....	Sonication
E05.855.....	Sound Spectrography
E05.873.....	Stereotaxic Techniques
E05.873.249.....	Neuronavigation
E05.873.500.....	Radiosurgery
E05.885.....	Substance Abuse Detection
E05.916.....	Technology, Pharmaceutical
E05.916.250.....	Dosage Forms
E05.916.250.500.....	Abuse-Deterrent Formulations
E05.916.270.....	Drug Compounding
E05.916.290.....	Drug Incompatibility
E05.916.310.....	Drug Labeling
E05.916.320.....	Drug Packaging
E05.916.330.....	Drug Stability
E05.916.350.....	Drug Storage
E05.916.360.....	Enzyme Stability
E05.916.680.....	High-Throughput Screening Assays
E05.920.....	Technology, Radiologic
E05.920.700.....	Teleradiology
E05.925.....	Telemetry
E05.925.500.....	Remote Sensing Technology
E05.925.500.500.....	Satellite Imagery
E05.927.....	Therapeutic Irrigation
E05.927.100.....	Bronchoalveolar Lavage

## 2018 MeSH Tree Hierarchy

Tree location	
E05.927.100.500.....	Bronchoalveolar Lavage Fluid
E05.927.441.....	Gastric Lavage
E05.927.573.....	Nasal Lavage
E05.927.573.500.....	Nasal Lavage Fluid
E05.927.705.....	Peritoneal Lavage
E05.927.852.....	Vaginal Douching
E05.933.....	Thermometry
E05.933.500.....	Thermography
E05.940.....	Toxicity Tests
E05.940.150.....	Carcinogenicity Tests
E05.940.245.....	Cytotoxicity Tests, Immunologic
E05.940.350.....	Inhibitory Concentration 50
E05.940.402.....	Lethal Dose 50
E05.940.481.....	Maximum Tolerated Dose
E05.940.560.....	Mutagenicity Tests
E05.940.560.150.....	Comet Assay
E05.940.600.....	No-Observed-Adverse-Effect Level
E05.940.790.....	Toxicity Tests, Acute
E05.940.790.500.....	Skin Irritancy Tests
E05.940.800.....	Toxicity Tests, Chronic
E05.940.850.....	Toxicity Tests, Subacute
E05.940.900.....	Toxicity Tests, Subchronic
E05.944.....	Trauma Severity Indices
E05.944.250.....	Abbreviated Injury Scale
E05.944.500.....	Glasgow Coma Scale
E05.944.510.....	Glasgow Outcome Scale
E05.944.600.....	Injury Severity Score
E05.959.....	Wavelet Analysis
E05.974.....	Weightlessness Countermeasures
E05.977.....	Weightlessness Simulation
E05.977.400.....	Hindlimb Suspension
E05.978.....	Weights and Measures
E05.978.155.....	Calibration
E05.978.507.....	International System of Units
E05.978.539.....	Metric System
E05.978.673.....	Quartz Crystal Microbalance Techniques
E05.978.808.....	Reference Standards
E05.978.808.249.....	Fiducial Markers
E05.978.808.500.....	Growth Charts
E05.978.810.....	Reference Values
E05.979.....	Whole Body Imaging

## 2018 MeSH Tree Hierarchy

Tree location
E05.980.....Whole-Body Irradiation
E06.....Dentistry
E06.020.....Air Abrasion, Dental
E06.045.....Anesthesia, Dental
E06.045.481.....Hypnosis, Dental
E06.070.....Dental Atraumatic Restorative Treatment
E06.095.....Dental Bonding
E06.095.170.....Cementation
E06.095.585.....Light-Curing of Dental Adhesives
E06.095.850.....Self-Curing of Dental Resins
E06.170.....Dental Care
E06.170.100.....Dental Care for Aged
E06.170.152.....Dental Care for Children
E06.170.205.....Dental Care for Chronically Ill
E06.170.310.....Dental Care for Disabled
E06.178.....Dental Debonding
E06.186.....Dental Equipment
E06.186.104.....Curing Lights, Dental
E06.186.210.....Dental Articulators
E06.186.250.....Dental Devices, Home Care
E06.186.376.....Dental High-Speed Equipment
E06.186.501.....Dental Instruments
E06.186.501.630.....Matrix Bands
E06.186.670.....Rubber Dams
E06.208.....Dental Health Surveys
E06.208.250.....Dental Plaque Index
E06.208.266.....DMF Index
E06.208.421.....Index of Orthodontic Treatment Need
E06.208.576.....Oral Hygiene Index
E06.208.720.....Periodontal Index
E06.216.....Dental High-Speed Technique
E06.261.....Dental Models
E06.276.....Dental Occlusion
E06.276.125.....Bite Force
E06.276.293.....Dental Occlusion, Balanced
E06.276.459.....Dental Occlusion, Centric
E06.276.459.733.....Vertical Dimension
E06.292.....Dental Pins
E06.298.....Dental Polishing
E06.308.....Dental Stress Analysis
E06.323.....Dentistry, Operative

## 2018 MeSH Tree Hierarchy

Tree location	
E06.323.115.....	Crown Lengthening
E06.323.225.....	Dental Cavity Lining
E06.323.400.....	Dental Restoration Failure
E06.323.428.....	Dental Restoration, Permanent
E06.323.428.187.....	Dental Restoration Repair
E06.323.428.275.....	Inlays
E06.323.528.....	Dental Restoration, Temporary
E06.323.764.....	Dental Marginal Adaptation
E06.342.....	Diagnosis, Oral
E06.342.250.....	Dental Caries Activity Tests
E06.342.377.....	Dental Pulp Test
E06.342.488.....	Photography, Dental
E06.342.764.....	Radiography, Dental
E06.342.764.142.....	Age Determination by Teeth
E06.342.764.600.....	Radiography, Bitewing
E06.342.764.716.....	Radiography, Dental, Digital
E06.342.764.750.....	Radiography, Panoramic
E06.342.764.793.....	Sialography
E06.377.....	Electrogalvanism, Intraoral
E06.397.....	Endodontics
E06.397.102.....	Apicoectomy
E06.397.345.....	Dental Implantation, Endosseous, Endodontic
E06.397.370.....	Dental Pulp Capping
E06.397.633.....	Pulpectomy
E06.397.695.....	Pulpotomy
E06.397.778.....	Root Canal Therapy
E06.397.778.188.....	Apexification
E06.397.778.377.....	Dental Pulp Devitalization
E06.397.778.778.....	Root Canal Obturation
E06.397.778.778.648.....	Retrograde Obturation
E06.397.778.889.....	Root Canal Preparation
E06.397.898.....	Tooth Replantation
E06.420.....	Esthetics, Dental
E06.420.500.....	Enamel Microabrasion
E06.420.750.....	Tooth Bleaching
E06.470.....	Infection Control, Dental
E06.520.....	Jaw Relation Record
E06.520.200.....	Centric Relation
E06.584.....	Mouth Rehabilitation
E06.603.....	Myofunctional Therapy
E06.623.....	Odontometry



## 2018 MeSH Tree Hierarchy

Tree location
E06.623.500.....Age Determination by Teeth
E06.640.....Oral Medicine
E06.645.....Oral Surgical Procedures
E06.645.100.....Apicoectomy
E06.645.350.....Gingivectomy
E06.645.355.....Gingivoplasty
E06.645.380.....Glossectomy
E06.645.410.....Guided Tissue Regeneration, Periodontal
E06.645.440.....Jaw Fixation Techniques
E06.645.500.....Mandibular Advancement
E06.645.510.....Maxillofacial Prosthesis Implantation
E06.645.510.500.....Mandibular Prosthesis Implantation
E06.645.550.....Oral Surgical Procedures, Preprosthetic
E06.645.550.100.....Alveolar Ridge Augmentation
E06.645.550.110.....Alveolectomy
E06.645.550.120.....Alveoplasty
E06.645.550.280.....Dental Implantation
E06.645.550.280.280.....Dental Implantation, Endosseous
E06.645.550.280.280.150.....Blade Implantation
E06.645.550.280.280.280.....Dental Implantation, Endosseous, Endodontic
E06.645.550.280.280.450.....Immediate Dental Implant Loading
E06.645.550.280.290.....Dental Implantation, Subperiosteal
E06.645.550.800.....Vestibuloplasty
E06.645.562.....Orthognathic Surgical Procedures
E06.645.562.124.....Alveolar Bone Grafting
E06.645.562.249.....Genioplasty
E06.645.562.374.....Mandibular Osteotomy
E06.645.562.500.....Mandibular Reconstruction
E06.645.562.750.....Maxillary Osteotomy
E06.645.575.....Osteotomy, Le Fort
E06.645.637.....Osteotomy, Sagittal Split Ramus
E06.645.668.....Sinus Floor Augmentation
E06.645.700.....Tooth Extraction
E06.645.700.680.....Serial Extraction
E06.645.710.....Tooth Replantation
E06.658.....Orthodontics
E06.658.224.....Dental Marginal Adaptation
E06.658.280.....Mandibular Advancement
E06.658.337.....Orthodontic Anchorage Procedures
E06.658.450.....Orthodontic Appliance Design
E06.658.453.....Orthodontic Appliances

## 2018 MeSH Tree Hierarchy

Tree location
E06.658.453.510.....Occlusal Splints
E06.658.453.560.....Orthodontic Appliances, Functional
E06.658.453.560.100.....Activator Appliances
E06.658.453.578.....Orthodontic Appliances, Removable
E06.658.453.578.100.....Activator Appliances
E06.658.453.578.360.....Extraoral Traction Appliances
E06.658.453.590.....Orthodontic Brackets
E06.658.453.637.....Orthodontic Retainers
E06.658.453.684.....Orthodontic Wires
E06.658.578.....Orthodontics, Corrective
E06.658.578.099.....Crown Lengthening
E06.658.578.200.....Occlusal Adjustment
E06.658.578.225.....Orthodontic Extrusion
E06.658.578.229.....Orthodontic Space Closure
E06.658.578.458.....Palatal Expansion Technique
E06.658.578.836.....Tooth Movement Techniques
E06.658.641.....Orthodontics, Interceptive
E06.658.641.890.....Serial Extraction
E06.658.703.....Orthodontics, Preventive
E06.658.703.675.....Space Maintenance, Orthodontic
E06.685.....Pathology, Oral
E06.721.....Periodontics
E06.721.189.....Dental Prophylaxis
E06.721.189.350.....Dental Scaling
E06.721.189.350.650.....Root Planing
E06.721.189.675.....Periodontal Debridement
E06.721.321.....Gingivectomy
E06.721.384.....Gingivoplasty
E06.721.485.....Guided Tissue Regeneration, Periodontal
E06.721.595.....Periodontal Dressings
E06.721.658.....Periodontal Index
E06.721.721.....Periodontal Prosthesis
E06.721.721.680.....Periodontal Splints
E06.721.874.....Subgingival Curettage
E06.721.874.650.....Root Planing
E06.761.....Preventive Dentistry
E06.761.227.....Dental Prophylaxis
E06.761.227.350.....Dental Scaling
E06.761.227.350.650.....Root Planing
E06.761.382.....Fluoridation
E06.761.599.....Mouth Protectors

## 2018 MeSH Tree Hierarchy

Tree location
E06.761.726.....Oral Hygiene
E06.761.726.292.....Dental Devices, Home Care
E06.761.726.794.....Toothbrushing
E06.780.....Prosthodontics
E06.780.250.....Dental Casting Technique
E06.780.314.....Dental Implantation
E06.780.314.310.....Dental Implantation, Endosseous
E06.780.314.310.340.....Blade Implantation
E06.780.314.310.360.....Dental Implantation, Endosseous, Endodontic
E06.780.314.310.450.....Immediate Dental Implant Loading
E06.780.314.482.....Dental Implantation, Subperiosteal
E06.780.346.....Dental Prosthesis
E06.780.346.250.....Crowns
E06.780.346.250.500.....Post and Core Technique
E06.780.346.500.....Dental Abutments
E06.780.346.562.....Dental Clasps
E06.780.346.593.....Dental Implants
E06.780.346.593.185.....Dental Implants, Single-Tooth
E06.780.346.625.....Dental Prosthesis Design
E06.780.346.625.500.....Dental Implant-Abutment Design
E06.780.346.630.....Dental Prosthesis, Implant-Supported
E06.780.346.656.....Dental Prosthesis Repair
E06.780.346.687.....Dental Prosthesis Retention
E06.780.346.725.....Dental Restoration Failure
E06.780.346.737.....Dental Restoration, Permanent
E06.780.346.737.112.....Dental Restoration Repair
E06.780.346.737.125.....Dental Restoration Wear
E06.780.346.737.500.....Inlays
E06.780.346.740.....Dental Restoration, Temporary
E06.780.346.750.....Dental Veneers
E06.780.346.760.....Dentures
E06.780.346.760.281.....Denture Bases
E06.780.346.760.290.....Denture, Complete
E06.780.346.760.290.254.....Denture, Complete, Immediate
E06.780.346.760.290.379.....Denture, Complete, Lower
E06.780.346.760.290.504.....Denture, Complete, Upper
E06.780.346.760.300.....Denture Design
E06.780.346.760.357.....Denture Liners
E06.780.346.760.395.....Denture, Overlay
E06.780.346.760.433.....Denture, Partial
E06.780.346.760.433.271.....Denture, Partial, Fixed

## 2018 MeSH Tree Hierarchy

Tree location
E06.780.346.760.433.271.260.....Denture, Partial, Fixed, Resin-Bonded
E06.780.346.760.433.342.....Denture, Partial, Immediate
E06.780.346.760.433.413.....Denture, Partial, Removable
E06.780.346.760.433.484.....Denture, Partial, Temporary
E06.780.346.760.433.555.....Denture Precision Attachment
E06.780.346.760.471.....Denture Rebasing
E06.780.346.760.500.....Denture Repair
E06.780.346.760.550.....Denture Retention
E06.780.346.850.....Palatal Obturators
E06.780.346.875.....Tooth, Artificial
E06.780.620.....Dental Marginal Adaptation
E06.780.895.....Tissue Conditioning (Dental)
E06.892.....Surgery, Oral
E06.892.500.....Orthognathic Surgery
E06.912.....Technology, Dental
E06.912.115.....Dental Casting Technique
E06.912.130.....Dental Impression Technique
E06.912.145.....Dental Prosthesis Design
E06.912.145.750.....Dental Implant-Abutment Design
E06.912.160.....Dental Prosthesis Repair
E06.912.190.....Dental Soldering
E06.912.250.....Denture Design
E06.912.275.....Denture Identification Marking
E06.912.280.....Denture Rebasing
E06.912.285.....Denture Repair
E06.912.480.....Gingival Retraction Techniques
E06.912.675.....Orthodontic Appliance Design
E06.931.....Tooth Preparation
E06.931.325.....Dental Cavity Preparation
E06.931.475.....Dental Etching
E06.931.475.111.....Acid Etching, Dental
E06.931.625.....Root Canal Preparation
E06.931.750.....Tooth Preparation, Prosthodontic
E06.950.....Tooth Remineralization
E07.....Equipment and Supplies
E07.039.....Air Filters
E07.079.....Atmosphere Exposure Chambers
E07.101.....Bandages
E07.101.036.....Athletic Tape
E07.101.074.....Bandages, Hydrocolloid
E07.101.150.....Biological Dressings

## 2018 MeSH Tree Hierarchy

Tree location	
E07.101.400.....	Compression Bandages
E07.101.400.500.....	Stockings, Compression
E07.101.650.....	Occlusive Dressings
E07.108.....	Bathroom Equipment
E07.115.....	Bioreactors
E07.115.600.....	Photobioreactors
E07.123.....	Capillary Tubing
E07.132.....	Catheters
E07.132.125.....	Cannula
E07.132.249.....	Catheter Obstruction
E07.132.500.....	Catheters, Indwelling
E07.132.625.....	Urinary Catheters
E07.132.750.....	Vascular Access Devices
E07.132.750.249.....	Cardiac Catheters
E07.132.750.500.....	Central Venous Catheters
E07.161.....	Compressed Air
E07.190.....	Contraceptive Devices
E07.190.250.....	Contraceptive Devices, Female
E07.190.250.260.....	Condoms, Female
E07.190.250.510.....	Intrauterine Devices
E07.190.250.510.520.....	Intrauterine Devices, Medicated
E07.190.250.510.520.300.....	Intrauterine Devices, Copper
E07.190.270.....	Contraceptive Devices, Male
E07.190.270.150.....	Condoms
E07.206.....	Culture Media
E07.206.250.....	Culture Media, Conditioned
E07.206.255.....	Culture Media, Serum-Free
E07.206.627.....	Tissue Scaffolds
E07.222.....	Dental Equipment
E07.222.104.....	Curing Lights, Dental
E07.222.210.....	Dental Articulators
E07.222.250.....	Dental Devices, Home Care
E07.222.376.....	Dental High-Speed Equipment
E07.222.501.....	Dental Instruments
E07.222.501.630.....	Matrix Bands
E07.222.670.....	Rubber Dams
E07.230.....	Diagnostic Equipment
E07.230.200.....	Clinical Alarms
E07.230.210.....	Electronic Nose
E07.230.220.....	Endoscopes
E07.230.220.040.....	Angioscopes

## 2018 MeSH Tree Hierarchy

Tree location
E07.230.220.060.....Arthroscopes
E07.230.220.090.....Bronchoscopes
E07.230.220.170.....Colposcopes
E07.230.220.180.....Culdoscopes
E07.230.220.190.....Cystoscopes
E07.230.220.260.....Endoscopes, Gastrointestinal
E07.230.220.260.140.....Capsule Endoscopes
E07.230.220.260.160.....Colonoscopes
E07.230.220.260.160.800.....Sigmoidoscopes
E07.230.220.260.200.....Duodenoscopes
E07.230.220.260.260.....Esophagoscopes
E07.230.220.260.320.....Gastrosopes
E07.230.220.260.680.....Proctoscopes
E07.230.220.280.....Fetoscopes
E07.230.220.390.....Hysteroscopes
E07.230.220.520.....Laparoscopes
E07.230.220.525.....Laryngoscopes
E07.230.220.565.....Mediastinoscopes
E07.230.220.707.....Neuroendoscopes
E07.230.220.850.....Thoracoscopes
E07.230.220.895.....Ureteroscopes
E07.230.300.....Fitness Trackers
E07.230.380.....Flowmeters
E07.230.460.....Muscle Strength Dynamometer
E07.230.540.....Ophthalmoscopes
E07.230.540.500.....Retinoscopes
E07.230.540.750.....Slit Lamp
E07.230.550.....Otosopes
E07.230.740.....Sphygmomanometers
E07.230.740.100.....Blood Pressure Monitors
E07.230.750.....Stethoscopes
E07.241.....Diffusion Chambers, Culture
E07.252.....Disposable Equipment
E07.278.....Durable Medical Equipment
E07.305.....Electrical Equipment and Supplies
E07.305.061.....Amplifiers, Electronic
E07.305.076.....Brain-Computer Interfaces
E07.305.092.....Cathode Ray Tube
E07.305.124.....Electric Power Supplies
E07.305.124.150.....Bioelectric Energy Sources
E07.305.245.....Electric Wiring

## 2018 MeSH Tree Hierarchy

Tree location
E07.305.250.....Electrodes
E07.305.250.159.....Defibrillators
E07.305.250.159.175.....Defibrillators, Implantable
E07.305.250.319.....Electrodes, Implanted
E07.305.250.319.175.....Defibrillators, Implantable
E07.305.250.319.381.....Implantable Neurostimulators
E07.305.250.319.381.500.....Neural Prostheses
E07.305.250.319.381.500.249.....Auditory Brain Stem Implants
E07.305.250.319.381.500.500.....Cochlear Implants
E07.305.250.471.....Ion-Selective Electrodes
E07.305.250.500.....Microelectrodes
E07.305.250.750.....Pacemaker, Artificial
E07.305.250.750.500.....Cardiac Resynchronization Therapy Devices
E07.305.296.....Electronic Nose
E07.305.343.....Micro-Electrical-Mechanical Systems
E07.305.343.500.....Lab-On-A-Chip Devices
E07.305.625.....Semiconductors
E07.305.625.714.....Transistors, Electronic
E07.305.812.....Transducers
E07.305.812.901.....Transducers, Pressure
E07.305.906.....Wearable Electronic Devices
E07.305.906.250.....Fitness Trackers
E07.305.906.500.....Hearing Aids
E07.315.....Emergency Medical Tags
E07.325.....Equipment and Supplies, Hospital
E07.325.068.....Absorbent Pads
E07.325.068.124.....Diapers, Adult
E07.325.068.249.....Diapers, Infant
E07.325.068.500.....Incontinence Pads
E07.325.137.....Bedding and Linens
E07.325.137.750.....Surgical Drapes
E07.325.220.....Beds
E07.325.220.500.....Stretchers
E07.325.409.....Examination Tables
E07.325.473.....Hospitals, Packaged
E07.325.569.....Incubators, Infant
E07.325.662.....Operating Tables
E07.325.755.....Patient Isolators
E07.325.877.....Surgical Attire
E07.325.877.500.....Masks
E07.341.....Exoskeleton Device

## 2018 MeSH Tree Hierarchy

Tree location
E07.357.....Feminine Hygiene Products
E07.357.500.....Menstrual Hygiene Products
E07.357.750.....Vaginal Creams, Foams, and Jellies
E07.420.....Gamma Cameras
E07.427.....Gas Scavengers
E07.430.....Gastric Balloon
E07.440.....Gravity Suits
E07.451.....Humidifiers
E07.461.....Incubators
E07.461.487.....Incubators, Infant
E07.490.....Infant Equipment
E07.490.249.....Child Restraint Systems
E07.490.500.....Pacifiers
E07.505.....Infusion Pumps
E07.505.254.....Infusion Pumps, Implantable
E07.505.508.....Insulin Infusion Systems
E07.515.....Intermittent Pneumatic Compression Devices
E07.546.....Medicine Chests
E07.553.....Microbubbles
E07.560.....Micropore Filters
E07.565.....Microspheres
E07.595.....Nanospheres
E07.605.....Nebulizers and Vaporizers
E07.605.500.....Dry Powder Inhalers
E07.605.750.....Metered Dose Inhalers
E07.605.750.500.....Inhalation Spacers
E07.612.....Needles
E07.632.....Optical Devices
E07.632.490.....Lasers
E07.632.490.230.....Lasers, Dye
E07.632.490.244.....Lasers, Excimer
E07.632.490.367.....Lasers, Gas
E07.632.490.480.....Lasers, Semiconductor
E07.632.490.490.....Lasers, Solid-State
E07.632.500.....Lenses
E07.632.500.276.....Contact Lenses
E07.632.500.276.360.....Contact Lenses, Hydrophilic
E07.632.500.276.360.220.....Contact Lenses, Extended-Wear
E07.632.500.300.....Eyeglasses
E07.632.500.460.....Lenses, Intraocular
E07.632.500.460.250.....Multifocal Intraocular Lenses



## 2018 MeSH Tree Hierarchy

Tree location	
E07.632.500.460.500.....	Phakic Intraocular Lenses
E07.632.750.....	Optical Fibers
E07.632.875.....	Telescopes
E07.652.....	Oxygenators
E07.652.582.....	Oxygenators, Membrane
E07.671.....	Phantoms, Imaging
E07.695.....	Prostheses and Implants
E07.695.025.....	Absorbable Implants
E07.695.050.....	Artificial Limbs
E07.695.075.....	Auditory Brain Stem Implants
E07.695.100.....	Bioprosthesis
E07.695.110.....	Blood Vessel Prosthesis
E07.695.125.....	Bone-Implant Interface
E07.695.140.....	Breast Implants
E07.695.150.....	Cochlear Implants
E07.695.185.....	Dental Implants
E07.695.185.185.....	Dental Implants, Single-Tooth
E07.695.190.....	Dental Prosthesis
E07.695.190.088.....	Crowns
E07.695.190.088.500.....	Post and Core Technique
E07.695.190.175.....	Dental Abutments
E07.695.190.180.....	Dental Clasps
E07.695.190.185.....	Dental Prosthesis, Implant-Supported
E07.695.190.190.....	Dental Restoration, Permanent
E07.695.190.190.250.....	Dental Restoration Repair
E07.695.190.190.350.....	Inlays
E07.695.190.192.....	Dental Restoration, Temporary
E07.695.190.196.....	Dental Veneers
E07.695.190.200.....	Dentures
E07.695.190.200.200.....	Denture Bases
E07.695.190.200.205.....	Denture, Complete
E07.695.190.200.205.205.....	Denture, Complete, Immediate
E07.695.190.200.205.210.....	Denture, Complete, Lower
E07.695.190.200.205.215.....	Denture, Complete, Upper
E07.695.190.200.210.....	Denture Liners
E07.695.190.200.215.....	Denture, Overlay
E07.695.190.200.220.....	Denture, Partial
E07.695.190.200.220.220.....	Denture, Partial, Fixed
E07.695.190.200.220.220.220.....	Denture, Partial, Fixed, Resin-Bonded
E07.695.190.200.220.225.....	Denture, Partial, Immediate
E07.695.190.200.220.230.....	Denture, Partial, Removable

## 2018 MeSH Tree Hierarchy

Tree location
E07.695.190.200.220.235.....Denture, Partial, Temporary
E07.695.190.200.220.245.....Denture Precision Attachment
E07.695.190.600.....Palatal Obturators
E07.695.190.610.....Periodontal Prosthesis
E07.695.190.800.....Tooth, Artificial
E07.695.202.....Electrodes, Implanted
E07.695.202.175.....Defibrillators, Implantable
E07.695.202.381.....Implantable Neurostimulators
E07.695.202.381.500.....Neural Prostheses
E07.695.202.381.500.249.....Auditory Brain Stem Implants
E07.695.202.381.500.500.....Cochlear Implants
E07.695.207.....Emboloc Protection Devices
E07.695.207.500.....Vena Cava Filters
E07.695.225.....Eye, Artificial
E07.695.237.....Fiducial Markers
E07.695.250.....Glaucoma Drainage Implants
E07.695.250.500.....Molteno Implants
E07.695.300.....Heart, Artificial
E07.695.300.300.....Heart-Assist Devices
E07.695.310.....Heart Valve Prosthesis
E07.695.340.....Implants, Experimental
E07.695.370.....Internal Fixators
E07.695.370.249.....Bone Nails
E07.695.370.374.....Bone Plates
E07.695.370.437.....Bone Screws
E07.695.370.437.500.....Pedicule Screws
E07.695.370.468.....Bone Wires
E07.695.370.734.....Suture Anchors
E07.695.400.....Joint Prosthesis
E07.695.400.300.....Elbow Prosthesis
E07.695.400.400.....Hip Prosthesis
E07.695.400.410.....Knee Prosthesis
E07.695.400.705.....Metal-on-Metal Joint Prostheses
E07.695.400.852.....Shoulder Prosthesis
E07.695.450.....Larynx, Artificial
E07.695.460.....Lenses, Intraocular
E07.695.460.500.....Multifocal Intraocular Lenses
E07.695.510.....Maxillofacial Prosthesis
E07.695.510.500.....Mandibular Prosthesis
E07.695.540.....Orbital Implants
E07.695.550.....Ossicular Prosthesis

## 2018 MeSH Tree Hierarchy

Tree location	
E07.695.610.....	Penile Prosthesis
E07.695.680.....	Prosthesis Design
E07.695.680.550.....	Prosthesis Coloring
E07.695.698.....	Punctal Plugs
E07.695.715.....	Septal Occluder Device
E07.695.750.....	Stents
E07.695.750.500.....	Drug-Eluting Stents
E07.695.750.750.....	Self Expandable Metallic Stents
E07.695.752.....	Suburethral Slings
E07.695.800.....	Tissue Expansion Devices
E07.695.825.....	Tissue Scaffolds
E07.695.850.....	Urinary Sphincter, Artificial
E07.695.950.....	Visual Prosthesis
E07.700.....	Protective Devices
E07.700.100.....	Air Bags
E07.700.175.....	Child Restraint Systems
E07.700.250.....	Ear Protective Devices
E07.700.380.....	Head Protective Devices
E07.700.500.....	Masks
E07.700.500.450.....	Laryngeal Masks
E07.700.510.....	Mosquito Nets
E07.700.510.500.....	Insecticide-Treated Bednets
E07.700.520.....	Mouth Protectors
E07.700.560.....	Personal Protective Equipment
E07.700.600.....	Protective Clothing
E07.700.600.400.....	Gloves, Protective
E07.700.600.400.400.....	Gloves, Surgical
E07.700.600.700.....	Space Suits
E07.700.700.....	Respiratory Protective Devices
E07.700.800.....	Seat Belts
E07.705.....	Quantum Dots
E07.710.....	Radiation Equipment and Supplies
E07.710.259.....	Fiducial Markers
E07.710.520.....	Lasers
E07.710.520.230.....	Lasers, Dye
E07.710.520.244.....	Lasers, Excimer
E07.710.520.367.....	Lasers, Gas
E07.710.520.480.....	Lasers, Semiconductor
E07.710.520.490.....	Lasers, Solid-State
E07.710.600.....	Nuclear Reactors
E07.710.600.500.....	Nuclear Power Plants

## 2018 MeSH Tree Hierarchy

Tree location
E07.710.680.....Particle Accelerators
E07.710.680.250.....Cyclotrons
E07.710.680.700.....Synchrotrons
E07.710.725.....Radiation Dosimeters
E07.710.770.....Radionuclide Generators
E07.715.....Radio Frequency Identification Device
E07.720.....Reagent Kits, Diagnostic
E07.720.720.....Reagent Strips
E07.796.....Self-Help Devices
E07.796.250.....Communication Aids for Disabled
E07.796.980.....Wheelchairs
E07.814.....Sensory Aids
E07.814.458.....Hearing Aids
E07.814.458.074.....Auditory Brain Stem Implants
E07.814.458.150.....Cochlear Implants
E07.858.....Surgical Equipment
E07.858.082.....Artificial Organs
E07.858.082.050.....Artificial Limbs
E07.858.082.212.....Bioartificial Organs
E07.858.082.374.....Heart, Artificial
E07.858.082.374.300.....Heart-Assist Devices
E07.858.082.458.....Heart-Lung Machine
E07.858.082.505.....Infusion Pumps
E07.858.082.505.254.....Infusion Pumps, Implantable
E07.858.082.505.508.....Insulin Infusion Systems
E07.858.082.585.....Kidneys, Artificial
E07.858.082.595.....Larynx, Artificial
E07.858.082.620.....Liver, Artificial
E07.858.082.760.....Pancreas, Artificial
E07.858.082.800.....Skin, Artificial
E07.858.082.900.....Urinary Sphincter, Artificial
E07.858.150.....Chest Tubes
E07.858.195.....Consciousness Monitors
E07.858.240.....Endoscopes
E07.858.240.040.....Angioscopes
E07.858.240.060.....Arthroscopes
E07.858.240.090.....Bronchoscopes
E07.858.240.170.....Colposcopes
E07.858.240.180.....Culdoscopes
E07.858.240.190.....Cystoscopes
E07.858.240.260.....Endoscopes, Gastrointestinal

## 2018 MeSH Tree Hierarchy

Tree location
E07.858.240.260.160.....Colonoscopes
E07.858.240.260.160.800.....Sigmoidoscopes
E07.858.240.260.200.....Duodenoscopes
E07.858.240.260.260.....Esophagoscopes
E07.858.240.260.320.....Gastrosopes
E07.858.240.260.680.....Proctoscopes
E07.858.240.280.....Fetoscopes
E07.858.240.390.....Hysteroscopes
E07.858.240.520.....Laparoscopes
E07.858.240.525.....Laryngoscopes
E07.858.240.565.....Mediastinoscopes
E07.858.240.707.....Neuroendoscopes
E07.858.240.850.....Thoracoscopes
E07.858.240.895.....Ureteroscopes
E07.858.421.....Operating Tables
E07.858.442.....Orthopedic Equipment
E07.858.442.050.....Artificial Limbs
E07.858.442.250.....Canes
E07.858.442.281.....Crutches
E07.858.442.660.....Orthopedic Fixation Devices
E07.858.442.660.430.....External Fixators
E07.858.442.660.430.500.....Casts, Surgical
E07.858.442.660.430.750.....Splints
E07.858.442.660.460.....Internal Fixators
E07.858.442.660.460.249.....Bone Nails
E07.858.442.660.460.374.....Bone Plates
E07.858.442.660.460.437.....Bone Screws
E07.858.442.660.460.437.500.....Pedicule Screws
E07.858.442.660.460.468.....Bone Wires
E07.858.442.660.460.734.....Suture Anchors
E07.858.442.743.....Orthotic Devices
E07.858.442.743.159.....Athletic Tape
E07.858.442.743.319.....Braces
E07.858.442.743.659.....Foot Orthoses
E07.858.442.980.....Walkers
E07.858.499.....Pessaries
E07.858.594.....Surgical Attire
E07.858.594.500.....Gloves, Surgical
E07.858.594.750.....Masks
E07.858.642.....Surgical Drapes
E07.858.690.....Surgical Fixation Devices

## 2018 MeSH Tree Hierarchy

Tree location
E07.858.690.725.....Orthopedic Fixation Devices
E07.858.690.725.430.....External Fixators
E07.858.690.725.430.500.....Casts, Surgical
E07.858.690.725.430.750.....Splints
E07.858.690.725.460.....Internal Fixators
E07.858.690.725.460.249.....Bone Nails
E07.858.690.725.460.374.....Bone Plates
E07.858.690.725.460.437.....Bone Screws
E07.858.690.725.460.437.500.....Pedicule Screws
E07.858.690.725.460.468.....Bone Wires
E07.858.690.725.460.734.....Suture Anchors
E07.858.690.800.....Surgical Tape
E07.858.690.820.....Sutures
E07.858.690.820.250.....Catgut
E07.858.690.860.....Tissue Adhesives
E07.858.690.930.....Vascular Closure Devices
E07.858.700.....Surgical Instruments
E07.858.700.650.....Obstetrical Forceps
E07.858.700.750.....Surgical Staplers
E07.858.708.....Surgical Mesh
E07.858.740.....Surgical Sponges
E07.858.740.300.....Gelatin Sponge, Absorbable
E07.858.826.....Tampons, Surgical
E07.858.886.....Tissue Expansion Devices
E07.858.925.....Trusses
E07.862.....Surgically-Created Structures
E07.862.200.....Colonic Pouches
E07.862.700.....Skeletal Muscle Ventricle
E07.862.710.....Surgical Flaps
E07.862.710.500.....Free Tissue Flaps
E07.862.710.625.....Myocutaneous Flap
E07.862.710.750.....Perforator Flap
E07.862.750.....Urinary Reservoirs, Continent
E07.877.....Syringes
E07.900.....Thermometers
E07.913.....Tomography Scanners, X-Ray Computed
E07.926.....Tourniquets
E07.935.....Transdermal Patch
E07.950.....Ventilators, Mechanical
E07.950.500.....Ventilators, Negative-Pressure
E07.960.....X-Ray Film

## 2018 MeSH Tree Hierarchy

Tree location
E07.970.....X-Ray Intensifying Screens
F01.....Behavior and Behavior Mechanisms
F01.058.....Adaptation, Psychological
F01.058.144.....Emotional Adjustment
F01.058.144.500.....Survivorship
F01.058.288.....Feedback, Psychological
F01.058.577.....Orientation
F01.058.577.500.....Orientation, Spatial
F01.058.788.....Sense of Coherence
F01.100.....Attitude
F01.100.050.....Attitude of Health Personnel
F01.100.050.500.....Alert Fatigue, Health Personnel
F01.100.100.....Attitude to Computers
F01.100.125.....Attitude to Death
F01.100.150.....Attitude to Health
F01.100.150.500.....Health Knowledge, Attitudes, Practice
F01.100.150.750.....Treatment Adherence and Compliance
F01.100.150.750.500.....Patient Acceptance of Health Care
F01.100.150.750.500.600.....Patient Compliance
F01.100.150.750.500.600.500.....Medication Adherence
F01.100.150.750.500.600.750.....No-Show Patients
F01.100.150.750.500.610.....Patient Dropouts
F01.100.150.750.500.620.....Patient Participation
F01.100.150.750.625.....Patient Satisfaction
F01.100.150.750.625.500.....Patient Preference
F01.100.150.750.750.....Treatment Refusal
F01.100.150.750.750.500.....Vaccination Refusal
F01.100.575.....Catastrophization
F01.100.787.....Optimism
F01.100.893.....Pessimism
F01.100.920.....Stereotyping
F01.145.....Behavior
F01.145.015.....Accident Proneness
F01.145.022.....Adolescent Behavior
F01.145.022.750.....Underage Drinking
F01.145.113.....Behavior, Animal
F01.145.113.055.....Animal Communication
F01.145.113.055.400.....Echolocation
F01.145.113.055.800.....Vocalization, Animal
F01.145.113.069.....Animal Distribution
F01.145.113.069.500.....Animal Migration

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.113.111.....Appetitive Behavior
F01.145.113.111.453.....Grooming
F01.145.113.111.527.....Host-Seeking Behavior
F01.145.113.111.600.....Predatory Behavior
F01.145.113.252.....Consummatory Behavior
F01.145.113.252.478.....Nesting Behavior
F01.145.113.252.520.....Predatory Behavior
F01.145.113.252.748.....Sexual Behavior, Animal
F01.145.113.252.748.200.....Copulation
F01.145.113.252.748.300.....Mating Preference, Animal
F01.145.113.252.748.400.....Pair Bond
F01.145.113.367.....Eliminative Behavior, Animal
F01.145.113.547.....Feeding Behavior
F01.145.113.547.200.....Cannibalism
F01.145.113.547.400.....Carnivory
F01.145.113.547.500.....Coprophagia
F01.145.113.547.600.....Herbivory
F01.145.113.555.....Freezing Reaction, Cataleptic
F01.145.113.646.....Homing Behavior
F01.145.113.680.....Immobility Response, Tonic
F01.145.113.700.....Kinesis
F01.145.113.780.....Taxis Response
F01.145.113.780.500.....Chemotaxis
F01.145.113.780.688.....Escape Reaction
F01.145.113.780.875.....Phototaxis
F01.145.113.840.....Tool Use Behavior
F01.145.126.....Behavioral Symptoms
F01.145.126.100.....Affective Symptoms
F01.145.126.125.....Aggression
F01.145.126.125.100.....Agonistic Behavior
F01.145.126.125.550.....Bullying
F01.145.126.156.....Catatonia
F01.145.126.159.....Child Reactive Disorders
F01.145.126.200.....Delusions
F01.145.126.300.....Depersonalization
F01.145.126.350.....Depression
F01.145.126.837.....Encopresis
F01.145.126.856.....Enuresis
F01.145.126.856.249.....Diurnal Enuresis
F01.145.126.856.500.....Nocturnal Enuresis
F01.145.126.875.....Hearing Loss, Functional



## 2018 MeSH Tree Hierarchy

Tree location
F01.145.126.900.....Human Coprophagia
F01.145.126.925.....Malingering
F01.145.126.937.....Mental Fatigue
F01.145.126.937.250.....Alert Fatigue, Health Personnel
F01.145.126.937.500.....Compassion Fatigue
F01.145.126.950.....Obsessive Behavior
F01.145.126.950.500.....Stalking
F01.145.126.962.....Paranoid Behavior
F01.145.126.968.....Polydipsia, Psychogenic
F01.145.126.972.....Problem Behavior
F01.145.126.975.....Schizophrenic Language
F01.145.126.980.....Self-Injurious Behavior
F01.145.126.980.750.....Self Mutilation
F01.145.126.980.875.....Suicide
F01.145.126.980.875.149.....Suicidal Ideation
F01.145.126.980.875.300.....Suicide, Assisted
F01.145.126.980.875.600.....Suicide, Attempted
F01.145.126.990.....Stress, Psychological
F01.145.126.990.734.....Occupational Stress
F01.145.126.990.734.500.....Compassion Fatigue
F01.145.126.995.....Wandering Behavior
F01.145.179.....Child Behavior
F01.145.179.500.....Infant Behavior
F01.145.179.750.....Problem Behavior
F01.145.194.....Codependency (Psychology)
F01.145.209.....Communication
F01.145.209.186.....Cell Phone Use
F01.145.209.372.....Information Seeking Behavior
F01.145.209.399.....Language
F01.145.209.429.....Literacy
F01.145.209.459.....Narration
F01.145.209.459.500.....Narrative Medicine
F01.145.209.520.....Negotiating
F01.145.209.530.....Nonverbal Communication
F01.145.209.530.136.....Blushing
F01.145.209.530.258.....Crying
F01.145.209.530.385.....Facial Expression
F01.145.209.530.385.671.....Smiling
F01.145.209.530.538.....Kinesics
F01.145.209.530.538.445.....Gestures
F01.145.209.530.614.....Laughter

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.209.530.702.....Manual Communication
F01.145.209.530.702.668.....Sign Language
F01.145.209.719.....Teach-Back Communication
F01.145.209.908.....Verbal Behavior
F01.145.209.908.677.....Speech
F01.145.209.908.677.610.....Speech Intelligibility
F01.145.236.....Consumer Behavior
F01.145.250.....Criminal Behavior
F01.145.250.250.....Driving Under the Influence
F01.145.263.....Dangerous Behavior
F01.145.263.500.....Driving Under the Influence
F01.145.317.....Drinking Behavior
F01.145.317.134.....Alcohol Abstinence
F01.145.317.269.....Alcohol Drinking
F01.145.317.269.500.....Binge Drinking
F01.145.317.269.625.....Alcohol Drinking in College
F01.145.317.269.875.....Underage Drinking
F01.145.342.....Drug-Seeking Behavior
F01.145.367.....Escape Reaction
F01.145.387.....Exploratory Behavior
F01.145.407.....Feeding Behavior
F01.145.407.099.....Bottle Feeding
F01.145.407.199.....Breast Feeding
F01.145.407.199.500.....Breast Milk Expression
F01.145.407.299.....Carnivory
F01.145.407.400.....Fasting
F01.145.407.516.....Food Preferences
F01.145.407.758.....Herbivory
F01.145.466.....Habits
F01.145.466.263.....Fingersucking
F01.145.466.554.....Nail Biting
F01.145.466.874.....Tongue Habits
F01.145.477.....Harm Reduction
F01.145.488.....Health Behavior
F01.145.488.250.....Health Risk Behaviors
F01.145.488.700.....Self-Examination
F01.145.488.700.100.....Breast Self-Examination
F01.145.488.725.....Sleep Hygiene
F01.145.488.732.....Smoking Cessation
F01.145.488.738.....Smoking Reduction
F01.145.488.750.....Tobacco Use Cessation

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.488.887.....Treatment Adherence and Compliance
F01.145.488.887.500.....Patient Acceptance of Health Care
F01.145.488.887.500.600.....Patient Compliance
F01.145.488.887.500.600.500.....Medication Adherence
F01.145.488.887.500.600.750.....No-Show Patients
F01.145.488.887.500.610.....Patient Dropouts
F01.145.488.887.500.620.....Patient Participation
F01.145.488.887.625.....Patient Satisfaction
F01.145.488.887.625.500.....Patient Preference
F01.145.488.887.750.....Treatment Refusal
F01.145.488.887.750.500.....Vaccination Refusal
F01.145.499.....Illness Behavior
F01.145.510.....Imitative Behavior
F01.145.527.....Impulsive Behavior
F01.145.527.100.....Compulsive Behavior
F01.145.527.100.120.....Behavior, Addictive
F01.145.527.100.120.500.....Food Addiction
F01.145.535.....Information Seeking Behavior
F01.145.544.....Inhibition (Psychology)
F01.145.544.538.....Proactive Inhibition
F01.145.544.724.....Reactive Inhibition
F01.145.610.....Marijuana Use
F01.145.610.875.....Marijuana Smoking
F01.145.632.....Motor Activity
F01.145.632.555.....Freezing Reaction, Cataleptic
F01.145.632.680.....Immobility Response, Tonic
F01.145.655.....Hoarding
F01.145.666.....Multitasking Behavior
F01.145.677.....Personal Satisfaction
F01.145.688.....Reproductive Behavior
F01.145.688.500.....Contraception Behavior
F01.145.699.....Risk Reduction Behavior
F01.145.699.400.....HIV Serosorting
F01.145.722.....Risk-Taking
F01.145.722.408.....Gambling
F01.145.775.....Self Stimulation
F01.145.802.....Sexual Behavior
F01.145.802.188.....Coitus
F01.145.802.188.300.....Coitus Interruptus
F01.145.802.279.....Courtship
F01.145.802.295.....Extramarital Relations

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.802.400.....HIV Serosorting
F01.145.802.526.....Masturbation
F01.145.802.790.....Sex Work
F01.145.802.845.....Safe Sex
F01.145.802.900.....Sexual Abstinence
F01.145.802.950.....Sexual Harassment
F01.145.802.975.....Sexuality
F01.145.802.975.200.....Bisexuality
F01.145.802.975.400.....Heterosexuality
F01.145.802.975.500.....Homosexuality
F01.145.802.975.500.400.....Homosexuality, Female
F01.145.802.975.500.600.....Homosexuality, Male
F01.145.802.975.750.....Transsexualism
F01.145.802.987.....Unsafe Sex
F01.145.805.....Smoking
F01.145.805.063.....Pipe Smoking
F01.145.805.063.500.....Water Pipe Smoking
F01.145.805.157.....Smoking Reduction
F01.145.805.250.....Smoking, Non-Tobacco Products
F01.145.805.250.250.....Cocaine Smoking
F01.145.805.250.500.....Marijuana Smoking
F01.145.805.500.....Vaping
F01.145.813.....Social Behavior
F01.145.813.045.....Aggression
F01.145.813.090.....Altruism
F01.145.813.093.....Anomie
F01.145.813.097.....Ceremonial Behavior
F01.145.813.105.....Competitive Behavior
F01.145.813.115.....Cooperative Behavior
F01.145.813.157.....Deception
F01.145.813.191.....Dehumanization
F01.145.813.191.250.....Commodification
F01.145.813.199.....Femininity
F01.145.813.208.....Gift Giving
F01.145.813.213.....Harassment, Non-Sexual
F01.145.813.213.500.....Bullying
F01.145.813.217.....Help-Seeking Behavior
F01.145.813.225.....Helping Behavior
F01.145.813.301.....Incivility
F01.145.813.376.....Masculinity
F01.145.813.527.....Mass Behavior

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.813.537.....Cell Phone Use
F01.145.813.546.....Permissiveness
F01.145.813.550.....Prejudice
F01.145.813.550.249.....Ageism
F01.145.813.550.374.....Homophobia
F01.145.813.550.500.....Racism
F01.145.813.550.750.....Sexism
F01.145.813.550.875.....Xenophobia
F01.145.813.565.....Rejection (Psychology)
F01.145.813.572.....Scapegoating
F01.145.813.595.....Self-Control
F01.145.813.606.....Sexual Harassment
F01.145.813.617.....Shyness
F01.145.813.621.....Social Adjustment
F01.145.813.625.....Social Conformity
F01.145.813.628.....Social Desirability
F01.145.813.629.....Social Discrimination
F01.145.813.629.500.....Ageism
F01.145.813.629.562.....Homophobia
F01.145.813.629.625.....Racism
F01.145.813.629.750.....Sexism
F01.145.813.629.875.....Xenophobia
F01.145.813.630.....Social Distance
F01.145.813.650.....Social Dominance
F01.145.813.650.400.....Dominance-Subordination
F01.145.813.655.....Social Facilitation
F01.145.813.708.....Social Identification
F01.145.813.781.....Social Isolation
F01.145.813.817.....Social Marginalization
F01.145.813.828.....Social Skills
F01.145.813.840.....Social Stigma
F01.145.813.854.....Stereotyping
F01.145.813.963.....Whistleblowing
F01.145.875.....Spatial Behavior
F01.145.875.281.....Crowding
F01.145.875.439.....Orientation, Spatial
F01.145.875.439.500.....Taxis Response
F01.145.875.439.500.500.....Chemotaxis
F01.145.875.439.500.688.....Escape Reaction
F01.145.875.439.500.875.....Phototaxis
F01.145.875.596.....Personal Space

## 2018 MeSH Tree Hierarchy

Tree location
F01.145.875.730.....Spatial Learning
F01.145.875.797.....Spatial Navigation
F01.145.875.830.....Spatial Processing
F01.145.875.864.....Territoriality
F01.145.896.....Stereotyped Behavior
F01.145.916.....Sucking Behavior
F01.145.958.....Tobacco Use
F01.145.958.875.....Tobacco Smoking
F01.145.958.875.500.....Cigar Smoking
F01.145.958.875.750.....Cigarette Smoking
F01.318.....Child Rearing
F01.318.709.....Toilet Training
F01.393.....Defense Mechanisms
F01.393.047.....Acting Out
F01.393.200.....Denial (Psychology)
F01.393.246.....Displacement (Psychology)
F01.393.246.250.....Cathexis
F01.393.246.500.....Scapegoating
F01.393.351.....Fantasy
F01.393.398.....Helplessness, Learned
F01.393.446.....Identification (Psychology)
F01.393.446.250.....Gender Identity
F01.393.446.250.500.....Femininity
F01.393.446.250.750.....Masculinity
F01.393.628.....Perceptual Defense
F01.393.661.....Procrastination
F01.393.693.....Projection
F01.393.693.500.....Scapegoating
F01.393.746.....Rationalization
F01.393.784.....Regression (Psychology)
F01.393.821.....Repression, Psychology
F01.393.821.645.....Repression-Sensitization
F01.393.898.....Sublimation, Psychological
F01.470.....Emotions
F01.470.047.....Affect
F01.470.047.110.....Irritable Mood
F01.470.093.....Anger
F01.470.093.640.....Rage
F01.470.132.....Anxiety
F01.470.132.150.....Anxiety, Castration
F01.470.132.150.500.....Koro

## 2018 MeSH Tree Hierarchy

Tree location
F01.470.132.225.....Catastrophization
F01.470.132.300.....Dental Anxiety
F01.470.132.650.....Performance Anxiety
F01.470.137.....Apathy
F01.470.142.....Bereavement
F01.470.142.110.....Grief
F01.470.192.....Boredom
F01.470.257.....Courage
F01.470.323.....Euphoria
F01.470.342.....Expressed Emotion
F01.470.361.....Fear
F01.470.361.300.....Dental Anxiety
F01.470.361.585.....Panic
F01.470.383.....Forgiveness
F01.470.405.....Frustration
F01.470.483.....Guilt
F01.470.483.666.....Shame
F01.470.516.....Happiness
F01.470.548.....Hate
F01.470.572.....Hope
F01.470.596.....Hostility
F01.470.653.....Jealousy
F01.470.693.....Laughter
F01.470.713.....Loneliness
F01.470.734.....Love
F01.470.867.....Pleasure
F01.510.....Human Characteristics
F01.525.....Human Development
F01.525.049.....Adolescent Development
F01.525.200.....Child Development
F01.525.200.310.....Language Development
F01.525.200.310.250.....Child Language
F01.525.200.310.300.....Crying
F01.590.....Mental Competency
F01.658.....Motivation
F01.658.059.....Achievement
F01.658.100.....Aspirations (Psychology)
F01.658.209.....Conflict (Psychology)
F01.658.293.....Drive
F01.658.293.195.....Craving
F01.658.293.391.....Hunger

## 2018 MeSH Tree Hierarchy

Tree location
F01.658.293.787.....Thirst
F01.658.370.....Exploratory Behavior
F01.658.433.....Food Deprivation
F01.658.500.....Goals
F01.658.556.....Handling (Psychology)
F01.658.642.....Instinct
F01.658.650.....Intention
F01.658.780.....Power (Psychology)
F01.658.938.....Water Deprivation
F01.700.....Neurobehavioral Manifestations
F01.700.039.....Anhedonia
F01.700.165.....Catatonia
F01.700.250.....Confusion
F01.700.250.500.....Delirium
F01.700.250.500.500.....Emergence Delirium
F01.700.315.....Consciousness Disorders
F01.700.470.....Lethargy
F01.700.625.....Memory Disorders
F01.700.625.100.....Amnesia
F01.700.625.100.075.....Amnesia, Anterograde
F01.700.625.100.150.....Amnesia, Retrograde
F01.700.625.100.800.....Amnesia, Transient Global
F01.700.625.400.....Korsakoff Syndrome
F01.700.625.400.500.....Alcoholic Korsakoff Syndrome
F01.700.687.....Intellectual Disability
F01.700.750.....Perceptual Disorders
F01.700.750.100.....Agnosia
F01.700.750.100.300.....Gerstmann Syndrome
F01.700.750.100.650.....Prosopagnosia
F01.700.750.150.....Alice in Wonderland Syndrome
F01.700.750.175.....Allesthesia
F01.700.750.200.....Auditory Perceptual Disorders
F01.700.750.300.....Hallucinations
F01.700.750.300.500.....Charles Bonnet Syndrome
F01.700.750.400.....Illusions
F01.700.750.700.....Phantom Limb
F01.700.812.....Polydipsia, Psychogenic
F01.700.875.....Psychomotor Disorders
F01.700.875.350.....Apraxias
F01.700.875.350.099.....Alien Hand Syndrome
F01.700.875.350.200.....Apraxia, Ideomotor



## 2018 MeSH Tree Hierarchy

Tree location
F01.700.875.350.600.....Gait Apraxia
F01.700.875.700.....Psychomotor Agitation
F01.752.....Personality
F01.752.049.....Assertiveness
F01.752.098.....Authoritarianism
F01.752.190.....Character
F01.752.264.....Creativity
F01.752.330.....Dependency (Psychology)
F01.752.355.....Empathy
F01.752.488.....Individuality
F01.752.543.....Intelligence
F01.752.543.500.....Emotional Intelligence
F01.752.543.500.250.....Emotional Adjustment
F01.752.543.500.500.....Empathy
F01.752.543.500.750.....Motivation
F01.752.609.....Leadership
F01.752.650.....Machiavellianism
F01.752.698.....Negativism
F01.752.723.....Neuroticism
F01.752.747.....Personality Development
F01.752.747.189.....Ego
F01.752.747.189.508.....Reality Testing
F01.752.747.246.....Extraversion (Psychology)
F01.752.747.347.....Id
F01.752.747.385.....Identification (Psychology)
F01.752.747.385.200.....Gender Identity
F01.752.747.385.200.500.....Femininity
F01.752.747.385.200.750.....Masculinity
F01.752.747.423.....Identity Crisis
F01.752.747.466.....Individuation
F01.752.747.511.....Introversion (Psychology)
F01.752.747.616.....Moral Development
F01.752.747.722.....Psychosexual Development
F01.752.747.722.200.....Gender Identity
F01.752.747.722.458.....Latency Period (Psychology)
F01.752.747.722.626.....Oral Stage
F01.752.747.792.....Self Concept
F01.752.747.792.110.....Body Image
F01.752.747.792.220.....Diagnostic Self Evaluation
F01.752.747.792.537.....Self-Assessment
F01.752.747.792.662.....Self Disclosure

## 2018 MeSH Tree Hierarchy

Tree location
F01.752.747.792.700.....Self Efficacy
F01.752.747.792.925.....Sense of Coherence
F01.752.747.859.....Superego
F01.752.747.880.....Type A Personality
F01.752.747.905.....Type B Personality
F01.752.747.917.....Type D Personality
F01.752.747.930.....Unconscious (Psychology)
F01.752.823.....Perfectionism
F01.752.898.....Temperament
F01.829.....Psychology, Social
F01.829.131.....Double Bind Interaction
F01.829.263.....Family
F01.829.263.065.....Adult Children
F01.829.263.132.....Birth Order
F01.829.263.315.....Family Characteristics
F01.829.263.315.500.....Marital Status
F01.829.263.315.500.300.....Divorce
F01.829.263.315.500.500.....Marriage
F01.829.263.315.500.725.....Single Person
F01.829.263.315.500.725.700.....Single Parent
F01.829.263.315.500.862.....Widowhood
F01.829.263.370.....Family Relations
F01.829.263.370.054.....Family Conflict
F01.829.263.370.110.....Intergenerational Relations
F01.829.263.370.215.....Maternal Behavior
F01.829.263.370.215.374.....Maternal-Fetal Relations
F01.829.263.370.240.....Maternal Deprivation
F01.829.263.370.290.....Parent-Child Relations
F01.829.263.370.290.110.....Father-Child Relations
F01.829.263.370.290.170.....Mother-Child Relations
F01.829.263.370.290.170.500.....Maternal-Fetal Relations
F01.829.263.370.310.....Parenting
F01.829.263.370.330.....Paternal Behavior
F01.829.263.370.380.....Paternal Deprivation
F01.829.263.370.450.....Sibling Relations
F01.829.263.403.....Grandparents
F01.829.263.435.....Military Family
F01.829.263.500.....Nuclear Family
F01.829.263.500.280.....Only Child
F01.829.263.500.320.....Parents
F01.829.263.500.320.100.....Fathers

## 2018 MeSH Tree Hierarchy

Tree location
F01.829.263.500.320.200.....Mothers
F01.829.263.500.320.785.....Single Parent
F01.829.263.500.320.892.....Surrogate Mothers
F01.829.263.500.490.....Siblings
F01.829.263.500.660.....Spouses
F01.829.263.750.....Single-Parent Family
F01.829.316.....Group Processes
F01.829.316.068.....Consensus
F01.829.316.171.....Diplomacy
F01.829.316.274.....Group Structure
F01.829.316.483.....Peer Group
F01.829.316.483.750.....Peer Influence
F01.829.316.549.....Peer Review
F01.829.316.549.690.....Peer Review, Health Care
F01.829.316.549.700.....Peer Review, Research
F01.829.316.616.....Role
F01.829.316.616.625.....Professional Role
F01.829.316.616.625.450.....Nurse's Role
F01.829.316.616.625.600.....Physician's Role
F01.829.316.616.751.....Sick Role
F01.829.316.697.....Sensitivity Training Groups
F01.829.316.777.....Social Distance
F01.829.379.....Internal-External Control
F01.829.401.....Interpersonal Relations
F01.829.401.046.....Disclosure
F01.829.401.046.800.....Truth Disclosure
F01.829.401.046.800.200.....Duty to Warn
F01.829.401.094.....Dissent and Disputes
F01.829.401.142.....Family Conflict
F01.829.401.166.....Forgiveness
F01.829.401.190.....Intergenerational Relations
F01.829.401.205.....Interprofessional Relations
F01.829.401.205.249.....Interdisciplinary Communication
F01.829.401.205.500.....Physician-Nurse Relations
F01.829.401.520.....Negotiating
F01.829.401.550.....Professional-Family Relations
F01.829.401.650.....Professional-Patient Relations
F01.829.401.650.410.....Dentist-Patient Relations
F01.829.401.650.505.....Duty to Recontact
F01.829.401.650.600.....Nurse-Patient Relations
F01.829.401.650.675.....Physician-Patient Relations

## 2018 MeSH Tree Hierarchy

Tree location	
F01.829.401.650.837.....	Researcher-Subject Relations
F01.829.401.737.....	Social Skills
F01.829.401.825.....	Trust
F01.829.458.....	Life Style
F01.829.458.205.....	Healthy Lifestyle
F01.829.458.205.250.....	Healthy Aging
F01.829.458.205.500.....	Healthy Diet
F01.829.458.410.....	Life Change Events
F01.829.458.705.....	Sedentary Lifestyle
F01.829.477.....	Morale
F01.829.500.....	Morals
F01.829.500.359.....	Conscience
F01.829.500.679.....	Moral Development
F01.829.500.720.....	Moral Status
F01.829.500.760.....	Social Responsibility
F01.829.500.760.500.....	Moral Obligations
F01.829.500.840.....	Virtues
F01.829.547.....	Paternalism
F01.829.595.....	Prejudice
F01.829.595.249.....	Ageism
F01.829.595.374.....	Homophobia
F01.829.595.500.....	Racism
F01.829.595.750.....	Sexism
F01.829.595.875.....	Xenophobia
F01.829.628.....	Psychosocial Deprivation
F01.829.750.....	Social Norms
F01.829.873.....	Social Values
F01.914.....	Temperance
F02.....	Psychological Phenomena
F02.410.....	Mental Competency
F02.418.....	Mental Health
F02.463.....	Mental Processes
F02.463.093.....	Anticipation, Psychological
F02.463.188.....	Cognition
F02.463.188.150.....	Awareness
F02.463.188.305.....	Cognitive Dissonance
F02.463.188.331.....	Cognitive Reserve
F02.463.188.357.....	Comprehension
F02.463.188.409.....	Consciousness
F02.463.188.634.....	Imagination
F02.463.188.634.309.....	Dreams

## 2018 MeSH Tree Hierarchy

Tree location
F02.463.188.634.507.....Fantasy
F02.463.188.675.....Intuition
F02.463.188.756.....Metacognition
F02.463.188.878.....Rumination, Cognitive
F02.463.217.....Executive Function
F02.463.247.....Higher Nervous Activity
F02.463.306.....Intention
F02.463.425.....Learning
F02.463.425.069.....Association
F02.463.425.069.296.....Association Learning
F02.463.425.097.....Avoidance Learning
F02.463.425.179.....Conditioning (Psychology)
F02.463.425.179.149.....Automatism
F02.463.425.179.308.....Conditioning, Classical
F02.463.425.179.408.....Conditioning, Eyelid
F02.463.425.179.509.....Conditioning, Operant
F02.463.425.209.....Critical Period (Psychology)
F02.463.425.234.....Cues
F02.463.425.280.....Discrimination Learning
F02.463.425.357.....Generalization (Psychology)
F02.463.425.357.359.....Generalization, Response
F02.463.425.357.526.....Generalization, Stimulus
F02.463.425.393.....Habituation, Psychophysiologic
F02.463.425.420.....Helplessness, Learned
F02.463.425.448.....Imprinting (Psychology)
F02.463.425.475.....Inhibition (Psychology)
F02.463.425.475.538.....Proactive Inhibition
F02.463.425.475.724.....Reactive Inhibition
F02.463.425.540.....Memory
F02.463.425.540.203.....Deja Vu
F02.463.425.540.254.....Memory, Episodic
F02.463.425.540.305.....Memory, Long-Term
F02.463.425.540.305.500.....Memory Consolidation
F02.463.425.540.407.....Memory, Short-Term
F02.463.425.540.641.....Mental Recall
F02.463.425.540.706.....Recognition (Psychology)
F02.463.425.540.739.....Repetition Priming
F02.463.425.540.772.....Retention (Psychology)
F02.463.425.540.886.....Spatial Memory
F02.463.425.575.....Neurolinguistic Programming
F02.463.425.612.....Overlearning

## 2018 MeSH Tree Hierarchy

Tree location
F02.463.425.674.....Practice (Psychology)
F02.463.425.701.....Probability Learning
F02.463.425.720.....Problem-Based Learning
F02.463.425.725.....Problem Solving
F02.463.425.725.500.....Heuristics
F02.463.425.770.....Reinforcement (Psychology)
F02.463.425.770.232.....Extinction, Psychological
F02.463.425.770.379.....Knowledge of Results (Psychology)
F02.463.425.770.571.....Punishment
F02.463.425.770.644.....Reinforcement Schedule
F02.463.425.770.706.....Reinforcement, Social
F02.463.425.770.769.....Reinforcement, Verbal
F02.463.425.770.836.....Reward
F02.463.425.770.836.500.....Token Economy
F02.463.425.798.....Reversal Learning
F02.463.425.818.....Self-Directed Learning as Topic
F02.463.425.818.500.....Programmed Instruction as Topic
F02.463.425.838.....Set (Psychology)
F02.463.425.874.....Spatial Learning
F02.463.425.874.500.....Maze Learning
F02.463.425.910.....Transfer (Psychology)
F02.463.425.952.....Verbal Learning
F02.463.425.952.500.....Paired-Associate Learning
F02.463.425.952.747.....Serial Learning
F02.463.509.....Mind-Body Relations, Metaphysical
F02.463.551.....Mindfulness
F02.463.593.....Perception
F02.463.593.071.....Auditory Perception
F02.463.593.071.173.....Auditory Threshold
F02.463.593.071.173.095.....Auditory Fatigue
F02.463.593.071.576.....Loudness Perception
F02.463.593.071.594.....Perceptual Masking
F02.463.593.071.700.....Pitch Perception
F02.463.593.071.700.408.....Pitch Discrimination
F02.463.593.071.869.....Sound Localization
F02.463.593.071.875.....Speech Perception
F02.463.593.112.....Body Image
F02.463.593.200.....Depth Perception
F02.463.593.200.390.....Distance Perception
F02.463.593.257.....Discrimination (Psychology)
F02.463.593.257.800.....Signal Detection, Psychological

## 2018 MeSH Tree Hierarchy

Tree location	
F02.463.593.292.....	Eidetic Imagery
F02.463.593.343.....	Field Dependence-Independence
F02.463.593.373.....	Form Perception
F02.463.593.373.765.....	Stereognosis
F02.463.593.446.....	Illusions
F02.463.593.446.659.....	Optical Illusions
F02.463.593.465.....	Interoception
F02.463.593.485.....	Olfactory Perception
F02.463.593.504.....	Pain Perception
F02.463.593.504.500.....	Nociception
F02.463.593.524.....	Pattern Recognition, Physiological
F02.463.593.524.500.....	Pattern Recognition, Visual
F02.463.593.524.500.500.....	Facial Recognition
F02.463.593.603.....	Perceptual Distortion
F02.463.593.696.....	Sensory Deprivation
F02.463.593.710.....	Sensory Thresholds
F02.463.593.710.190.....	Auditory Threshold
F02.463.593.710.370.....	Differential Threshold
F02.463.593.710.560.....	Pain Threshold
F02.463.593.710.725.....	Signal Detection, Psychological
F02.463.593.710.750.....	Subliminal Stimulation
F02.463.593.710.790.....	Taste Threshold
F02.463.593.725.....	Size Perception
F02.463.593.752.....	Social Perception
F02.463.593.778.....	Space Perception
F02.463.593.778.255.....	Depth Perception
F02.463.593.778.255.390.....	Distance Perception
F02.463.593.778.255.780.....	Vision Disparity
F02.463.593.778.435.....	Form Perception
F02.463.593.778.435.110.....	Contrast Sensitivity
F02.463.593.778.794.....	Size Perception
F02.463.593.817.....	Taste Perception
F02.463.593.857.....	Time Perception
F02.463.593.894.....	Touch Perception
F02.463.593.894.500.....	Stereognosis
F02.463.593.932.....	Visual Perception
F02.463.593.932.073.....	Afterimage
F02.463.593.932.145.....	Attentional Blink
F02.463.593.932.217.....	Color Perception
F02.463.593.932.281.....	Contrast Sensitivity
F02.463.593.932.401.....	Figural Aftereffect

## 2018 MeSH Tree Hierarchy

Tree location	
F02.463.593.932.458.....	Flicker Fusion
F02.463.593.932.567.....	Motion Perception
F02.463.593.932.594.....	Optic Flow
F02.463.593.932.622.....	Pattern Recognition, Visual
F02.463.593.932.622.500.....	Facial Recognition
F02.463.593.932.677.....	Perceptual Closure
F02.463.593.932.733.....	Perceptual Masking
F02.463.593.932.877.....	Vision Disparity
F02.463.593.932.885.....	Vision, Binocular
F02.463.593.932.893.....	Vision, Monocular
F02.463.593.932.901.....	Visual Acuity
F02.463.593.932.901.500.....	Contrast Sensitivity
F02.463.593.932.901.750.....	Emmetropia
F02.463.593.932.934.....	Visual Fields
F02.463.593.959.....	Weight Perception
F02.463.617.....	Procrastination
F02.463.641.....	Spatial Navigation
F02.463.689.....	Theory of Mind
F02.463.785.....	Thinking
F02.463.785.233.....	Concept Formation
F02.463.785.302.....	Creativity
F02.463.785.373.....	Decision Making
F02.463.785.373.173.....	Avoidance Learning
F02.463.785.373.346.....	Choice Behavior
F02.463.785.373.346.400.....	Career Choice
F02.463.785.373.346.700.....	Delay Discounting
F02.463.785.373.433.....	Consensus
F02.463.785.373.476.....	Dissent and Disputes
F02.463.785.373.476.850.....	Refusal to Participate
F02.463.785.373.520.....	Negotiating
F02.463.785.373.520.500.....	Diplomacy
F02.463.785.373.820.....	Uncertainty
F02.463.785.477.....	Esthetics
F02.463.785.477.304.....	Beauty
F02.463.785.626.....	Judgment
F02.463.785.810.....	Problem Solving
F02.463.785.810.500.....	Heuristics
F02.463.902.....	Volition
F02.550.....	Parapsychology
F02.550.847.....	Telepathy
F02.600.....	Personal Autonomy



## 2018 MeSH Tree Hierarchy

Tree location
F02.694.....Psycholinguistics
F02.694.550.....Neurolinguistic Programming
F02.694.663.....Semantic Differential
F02.739.....Psychological Theory
F02.739.138.....Behaviorism
F02.739.418.....Existentialism
F02.739.527.....Gestalt Theory
F02.739.660.....Personal Construct Theory
F02.739.794.....Psychoanalytic Theory
F02.739.794.206.....Ego
F02.739.794.206.508.....Reality Testing
F02.739.794.253.....Extraversion (Psychology)
F02.739.794.297.....Freudian Theory
F02.739.794.371.....Id
F02.739.794.405.....Inhibition (Psychology)
F02.739.794.438.....Introversion (Psychology)
F02.739.794.471.....Jungian Theory
F02.739.794.511.....Libido
F02.739.794.582.....Narcissism
F02.739.794.624.....Object Attachment
F02.739.794.624.120.....Bonding, Human-Pet
F02.739.794.653.....Oedipus Complex
F02.739.794.746.....Pleasure-Pain Principle
F02.739.794.793.....Psychosexual Development
F02.739.794.793.200.....Gender Identity
F02.739.794.793.458.....Latency Period (Psychology)
F02.739.794.793.626.....Oral Stage
F02.739.794.837.....Self Psychology
F02.739.794.881.....Superego
F02.739.794.942.....Unconscious (Psychology)
F02.739.897.....Theory of Mind
F02.784.....Psychology, Applied
F02.784.176.....Counseling
F02.784.176.279.....Directive Counseling
F02.784.176.279.500.....Motivational Interviewing
F02.784.176.350.....Distance Counseling
F02.784.176.560.....Pastoral Care
F02.784.176.700.....Sex Counseling
F02.784.240.....Criminal Psychology
F02.784.240.514.....Lie Detection
F02.784.412.....Ergonomics

## 2018 MeSH Tree Hierarchy

Tree location
F02.784.412.221.....Data Display
F02.784.412.575.....Man-Machine Systems
F02.784.412.846.....Task Performance and Analysis
F02.784.412.846.707.....Time and Motion Studies
F02.784.412.846.853.....Work Simplification
F02.784.412.923.....Time Management
F02.784.629.....Psychology, Educational
F02.784.629.054.....Achievement
F02.784.629.131.....Aptitude
F02.784.629.155.....Aspirations (Psychology)
F02.784.629.228.....Child, Exceptional
F02.784.629.228.350.....Child, Gifted
F02.784.629.272.....Child Guidance
F02.784.629.375.....Education of Intellectually Disabled
F02.784.629.529.....Learning
F02.784.629.529.223.....Formative Feedback
F02.784.629.529.274.....Learning Curve
F02.784.629.529.550.....Neurolinguistic Programming
F02.784.629.529.663.....Social Learning
F02.784.629.529.775.....Spatial Learning
F02.784.629.709.....Remedial Teaching
F02.784.629.796.....Student Dropouts
F02.784.629.880.....Underachievement
F02.784.629.937.....Vocational Guidance
F02.784.692.....Psychology, Industrial
F02.784.692.107.....Absenteeism
F02.784.692.351.....Efficiency
F02.784.692.425.....Job Satisfaction
F02.784.692.586.....Presenteeism
F02.784.692.746.....Task Performance and Analysis
F02.784.692.746.707.....Time and Motion Studies
F02.784.692.746.853.....Work Simplification
F02.784.692.816.....Time Management
F02.784.692.887.....Vocational Guidance
F02.784.754.....Psychology, Military
F02.808.....Psychomotor Performance
F02.808.260.....Motor Skills
F02.808.600.....Task Performance and Analysis
F02.830.....Psychophysiology
F02.830.071.....Appetite
F02.830.104.....Arousal

## 2018 MeSH Tree Hierarchy

Tree location
F02.830.104.214.....Attention
F02.830.104.214.500.....Attentional Bias
F02.830.104.821.....Wakefulness
F02.830.131.....Biofeedback, Psychology
F02.830.131.500.....Neurofeedback
F02.830.158.....Blushing
F02.830.233.....Consciousness
F02.830.297.....Dominance, Cerebral
F02.830.297.425.....Functional Laterality
F02.830.422.....Habituation, Psychophysiologic
F02.830.512.....Lie Detection
F02.830.606.....Orientation
F02.830.606.793.....Orientation, Spatial
F02.830.650.....Reaction Time
F02.830.650.400.....Refractory Period, Psychological
F02.830.702.....Reflex
F02.830.702.157.....Gagging
F02.830.702.315.....Galvanic Skin Response
F02.830.702.607.....Piloerection
F02.830.702.807.....Reflex, Startle
F02.830.749.....Satiation
F02.830.749.658.....Satiety Response
F02.830.784.....Self Stimulation
F02.830.816.....Sensation
F02.830.816.131.....Breakthrough Pain
F02.830.816.263.....Hearing
F02.830.816.263.500.....Bone Conduction
F02.830.816.308.....Mastodynia
F02.830.816.353.....Musculoskeletal Pain
F02.830.816.353.500.....Myalgia
F02.830.816.444.....Pain
F02.830.816.444.350.....Arthralgia
F02.830.816.444.350.500.....Shoulder Pain
F02.830.816.444.700.....Pain Threshold
F02.830.816.444.850.....Renal Colic
F02.830.816.492.....Pleasure
F02.830.816.541.....Proprioception
F02.830.816.541.504.....Kinesthesia
F02.830.816.643.....Smell
F02.830.816.724.....Taste
F02.830.816.781.....Thermosensing

## 2018 MeSH Tree Hierarchy

Tree location
F02.830.816.850.....Touch
F02.830.816.964.....Vision, Ocular
F02.830.816.964.124.....Color Vision
F02.830.816.964.186.....Mesopic Vision
F02.830.816.964.186.624.....Rod-Cone Interaction
F02.830.816.964.249.....Night Vision
F02.830.816.964.500.....Phosphenes
F02.830.816.964.730.....Vision, Entoptic
F02.830.855.....Sleep
F02.830.855.268.....Dreams
F02.830.855.671.....Sleep Deprivation
F02.830.855.734.....Sleep Hygiene
F02.830.855.765.....Sleep Latency
F02.830.855.796.....Sleep Stages
F02.830.855.796.671.....Sleep, REM
F02.830.900.....Stress, Psychological
F02.830.900.666.....Occupational Stress
F02.830.900.666.500.....Burnout, Professional
F02.830.900.666.750.....Compassion Fatigue
F02.880.....Religion and Psychology
F02.880.410.....Pastoral Care
F02.880.705.....Spirituality
F02.940.....Resilience, Psychological
F02.970.....Social Theory
F02.970.500.....Symbolic Interactionism
F03.....Mental Disorders
F03.080.....Anxiety Disorders
F03.080.100.....Agoraphobia
F03.080.300.....Anxiety, Separation
F03.080.500.....Neurocirculatory Asthenia
F03.080.550.....Neurotic Disorders
F03.080.600.....Obsessive-Compulsive Disorder
F03.080.600.250.....Hoarding Disorder
F03.080.700.....Panic Disorder
F03.080.725.....Phobic Disorders
F03.080.725.500.....Phobia, Social
F03.084.....Bipolar and Related Disorders
F03.084.500.....Bipolar Disorder
F03.250.....Disruptive, Impulse Control, and Conduct Disorders
F03.250.300.....Firesetting Behavior
F03.250.400.....Gambling

## 2018 MeSH Tree Hierarchy

Tree location
F03.250.800.....Trichotillomania
F03.300.....Dissociative Disorders
F03.300.500.....Multiple Personality Disorder
F03.388.....Elimination Disorders
F03.388.300.....Encopresis
F03.388.400.....Enuresis
F03.388.400.249.....Diurnal Enuresis
F03.388.400.500.....Nocturnal Enuresis
F03.400.....Feeding and Eating Disorders
F03.400.125.....Anorexia Nervosa
F03.400.188.....Binge-Eating Disorder
F03.400.250.....Bulimia Nervosa
F03.400.500.....Feeding and Eating Disorders of Childhood
F03.400.750.....Female Athlete Triad Syndrome
F03.400.813.....Food Addiction
F03.400.844.....Night Eating Syndrome
F03.400.875.....Pica
F03.600.....Mood Disorders
F03.600.300.....Depressive Disorder
F03.600.300.350.....Depression, Postpartum
F03.600.300.375.....Depressive Disorder, Major
F03.600.300.388.....Depressive Disorder, Treatment-Resistant
F03.600.300.400.....Dysthymic Disorder
F03.600.300.550.....Premenstrual Dysphoric Disorder
F03.600.300.775.....Seasonal Affective Disorder
F03.600.500.....Cyclothymic Disorder
F03.608.....Motor Disorders
F03.615.....Neurocognitive Disorders
F03.615.200.....Amnesia
F03.615.200.131.....Alcoholic Korsakoff Syndrome
F03.615.200.137.....Amnesia, Anterograde
F03.615.200.150.....Amnesia, Retrograde
F03.615.200.800.....Amnesia, Transient Global
F03.615.250.....Cognition Disorders
F03.615.250.100.....Auditory Perceptual Disorders
F03.615.250.400.....Huntington Disease
F03.615.250.700.....Cognitive Dysfunction
F03.615.300.....Consciousness Disorders
F03.615.350.....Delirium
F03.615.350.500.....Emergence Delirium
F03.615.400.....Dementia

## 2018 MeSH Tree Hierarchy

Tree location
F03.615.400.050.....AIDS Dementia Complex
F03.615.400.100.....Alzheimer Disease
F03.615.400.125.....Aphasia, Primary Progressive
F03.615.400.125.600.....Primary Progressive Nonfluent Aphasia
F03.615.400.300.....Creutzfeldt-Jakob Syndrome
F03.615.400.350.....Dementia, Vascular
F03.615.400.350.400.....Dementia, Multi-Infarct
F03.615.400.370.....Diffuse Neurofibrillary Tangles with Calcification
F03.615.400.380.....Frontotemporal Lobar Degeneration
F03.615.400.380.299.....Frontotemporal Dementia
F03.615.400.380.299.500.....Pick Disease of the Brain
F03.615.400.380.600.....Primary Progressive Nonfluent Aphasia
F03.615.400.390.....Huntington Disease
F03.615.400.431.....Kluver-Bucy Syndrome
F03.615.400.512.....Lewy Body Disease
F03.615.700.....Dyslexia, Acquired
F03.615.700.500.....Alexia, Pure
F03.625.....Neurodevelopmental Disorders
F03.625.047.....Anxiety, Separation
F03.625.094.....Attention Deficit and Disruptive Behavior Disorders
F03.625.094.150.....Attention Deficit Disorder with Hyperactivity
F03.625.094.300.....Conduct Disorder
F03.625.141.....Child Behavior Disorders
F03.625.164.....Child Development Disorders, Pervasive
F03.625.164.113.....Autism Spectrum Disorder
F03.625.164.113.250.....Asperger Syndrome
F03.625.164.113.500.....Autistic Disorder
F03.625.374.....Communication Disorders
F03.625.374.125.....Childhood-Onset Fluency Disorder
F03.625.374.250.....Social Communication Disorder
F03.625.374.500.....Speech Sound Disorder
F03.625.421.....Developmental Disabilities
F03.625.539.....Intellectual Disability
F03.625.562.....Learning Disorders
F03.625.562.199.....Dyscalculia
F03.625.562.400.....Dyslexia
F03.625.562.400.500.....Dyslexia, Acquired
F03.625.562.700.....Specific Learning Disorder
F03.625.813.....Motor Skills Disorders
F03.625.875.....Mutism
F03.625.937.....Reactive Attachment Disorder

## 2018 MeSH Tree Hierarchy

Tree location	
F03.625.968.....	Schizophrenia, Childhood
F03.625.984.....	Stereotypic Movement Disorder
F03.625.992.....	Tic Disorders
F03.625.992.850.....	Tourette Syndrome
F03.650.....	Neurotic Disorders
F03.657.....	Paraphilic Disorders
F03.657.300.....	Exhibitionism
F03.657.350.....	Fetishism (Psychiatric)
F03.657.500.....	Masochism
F03.657.600.....	Pedophilia
F03.657.700.....	Sadism
F03.657.800.....	Transvestism
F03.657.900.....	Voyeurism
F03.675.....	Personality Disorders
F03.675.050.....	Antisocial Personality Disorder
F03.675.100.....	Borderline Personality Disorder
F03.675.150.....	Compulsive Personality Disorder
F03.675.200.....	Dependent Personality Disorder
F03.675.400.....	Histrionic Personality Disorder
F03.675.400.500.....	Hysteria
F03.675.600.....	Paranoid Personality Disorder
F03.675.625.....	Passive-Aggressive Personality Disorder
F03.675.700.....	Schizoid Personality Disorder
F03.675.725.....	Schizotypal Personality Disorder
F03.700.....	Schizophrenia Spectrum and Other Psychotic Disorders
F03.700.150.....	Affective Disorders, Psychotic
F03.700.300.....	Capgras Syndrome
F03.700.356.....	Delusional Parasitosis
F03.700.412.....	Morgellons Disease
F03.700.450.....	Paranoid Disorders
F03.700.675.....	Psychotic Disorders
F03.700.675.600.....	Psychoses, Substance-Induced
F03.700.675.600.750.....	Psychoses, Alcoholic
F03.700.750.....	Schizophrenia
F03.700.750.300.....	Schizophrenia, Catatonic
F03.700.750.350.....	Schizophrenia, Disorganized
F03.700.750.600.....	Schizophrenia, Paranoid
F03.700.750.700.....	Shared Paranoid Disorder
F03.835.....	Sexual Dysfunctions, Psychological
F03.835.199.....	Dyspareunia
F03.835.400.....	Erectile Dysfunction

## 2018 MeSH Tree Hierarchy

Tree location
F03.835.550.....Gender Dysphoria
F03.835.700.....Premature Ejaculation
F03.835.750.....Sexual and Gender Disorders
F03.835.900.....Vaginismus
F03.870.....Sleep Wake Disorders
F03.870.400.....Dyssomnias
F03.870.400.099.....Sleep Deprivation
F03.870.400.200.....Sleep Disorders, Circadian Rhythm
F03.870.400.200.500.....Jet Lag Syndrome
F03.870.400.800.....Sleep Disorders, Intrinsic
F03.870.400.800.200.....Disorders of Excessive Somnolence
F03.870.400.800.200.400.....Hypersomnolence, Idiopathic
F03.870.400.800.200.500.....Kleine-Levin Syndrome
F03.870.400.800.200.750.....Narcolepsy
F03.870.400.800.200.750.500.....Cataplexy
F03.870.400.800.700.....Restless Legs Syndrome
F03.870.400.800.800.....Sleep Initiation and Maintenance Disorders
F03.870.664.....Parasomnias
F03.870.664.627.....Nocturnal Paroxysmal Dystonia
F03.870.664.633.....REM Sleep Parasomnias
F03.870.664.633.700.....REM Sleep Behavior Disorder
F03.870.664.633.800.....Sleep Paralysis
F03.870.664.634.....Restless Legs Syndrome
F03.870.664.635.....Sleep Arousal Disorders
F03.870.664.635.600.....Night Terrors
F03.870.664.635.700.....Somnambulism
F03.870.664.637.....Sleep Bruxism
F03.870.664.700.....Sleep-Wake Transition Disorders
F03.875.....Somatoform Disorders
F03.875.149.....Body Dysmorphic Disorders
F03.875.300.....Conversion Disorder
F03.875.375.....Factitious Disorders
F03.875.375.600.....Munchausen Syndrome
F03.875.375.800.....Munchausen Syndrome by Proxy
F03.875.450.....Hypochondriasis
F03.875.600.....Neurasthenia
F03.900.....Substance-Related Disorders
F03.900.100.....Alcohol-Related Disorders
F03.900.100.050.....Alcohol Amnestic Disorder
F03.900.100.050.250.....Alcoholic Korsakoff Syndrome
F03.900.100.100.....Alcohol Withdrawal Delirium



## 2018 MeSH Tree Hierarchy

Tree location	
F03.900.100.300.....	Alcoholic Intoxication
F03.900.100.350.....	Alcoholism
F03.900.100.550.....	Binge Drinking
F03.900.100.750.....	Psychoses, Alcoholic
F03.900.100.875.....	Wernicke Encephalopathy
F03.900.225.....	Amphetamine-Related Disorders
F03.900.300.....	Cocaine-Related Disorders
F03.900.467.....	Inhalant Abuse
F03.900.635.....	Marijuana Abuse
F03.900.643.....	Marijuana Use
F03.900.650.....	Neonatal Abstinence Syndrome
F03.900.675.....	Opioid-Related Disorders
F03.900.675.600.....	Morphine Dependence
F03.900.675.800.....	Opium Dependence
F03.900.700.....	Phencyclidine Abuse
F03.900.746.....	Psychoses, Substance-Induced
F03.900.793.....	Substance Abuse, Intravenous
F03.900.809.....	Substance Abuse, Oral
F03.900.825.....	Substance Withdrawal Syndrome
F03.900.825.500.....	Alcohol Withdrawal Delirium
F03.900.912.....	Tobacco Use Disorder
F03.950.....	Trauma and Stressor Related Disorders
F03.950.500.....	Adjustment Disorders
F03.950.750.....	Stress Disorders, Traumatic
F03.950.750.124.....	Battered Child Syndrome
F03.950.750.249.....	Combat Disorders
F03.950.750.375.....	Psychological Trauma
F03.950.750.500.....	Stress Disorders, Post-Traumatic
F03.950.750.550.....	Stress Disorders, Traumatic, Acute
F04.....	Behavioral Disciplines and Activities
F04.047.....	Behavior Control
F04.096.....	Behavioral Sciences
F04.096.080.....	Behavioral Medicine
F04.096.144.....	Behavioral Research
F04.096.208.....	Ethology
F04.096.276.....	Genetics, Behavioral
F04.096.276.400.....	Genetic Determinism
F04.096.462.....	Parapsychology
F04.096.544.....	Psychiatry
F04.096.544.065.....	Adolescent Psychiatry
F04.096.544.090.....	Biological Psychiatry

## 2018 MeSH Tree Hierarchy

Tree location
F04.096.544.193.....Child Psychiatry
F04.096.544.215.....Community Psychiatry
F04.096.544.215.508.....Preventive Psychiatry
F04.096.544.275.....Ethnopsychology
F04.096.544.335.....Forensic Psychiatry
F04.096.544.335.200.....Commitment of Mentally Ill
F04.096.544.335.240.....Confidentiality
F04.096.544.335.240.270.....Duty to Warn
F04.096.544.335.528.....Insanity Defense
F04.096.544.380.....Geriatric Psychiatry
F04.096.544.480.....Military Psychiatry
F04.096.544.504.....Neuropsychiatry
F04.096.544.528.....Orthopsychiatry
F04.096.544.779.....Psychoanalysis
F04.096.544.830.....Psychosomatic Medicine
F04.096.586.....Psycholinguistics
F04.096.586.550.....Neurolinguistic Programming
F04.096.628.....Psychology
F04.096.628.033.....Environmental Psychology
F04.096.628.065.....Psychology, Adolescent
F04.096.628.193.....Psychology, Child
F04.096.628.255.....Cognitive Science
F04.096.628.255.500.....Cognitive Neuroscience
F04.096.628.270.....Psychology, Developmental
F04.096.628.286.....Economics, Behavioral
F04.096.628.317.....Ethnopsychology
F04.096.628.579.....Psychology, Clinical
F04.096.628.629.....Psychology, Comparative
F04.096.628.679.....Psychology, Educational
F04.096.628.729.....Psychology, Experimental
F04.096.628.779.....Psychology, Industrial
F04.096.628.779.450.....Presenteeism
F04.096.628.779.900.....Time Management
F04.096.628.808.....Psychology, Medical
F04.096.628.808.500.....Psycho-Oncology
F04.096.628.829.....Psychology, Social
F04.096.628.914.....Psychology, Sports
F04.096.670.....Psychopathology
F04.096.712.....Psychopharmacology
F04.096.753.....Psychophysics
F04.096.753.628.....Psychoacoustics

## 2018 MeSH Tree Hierarchy

Tree location
F04.096.753.814.....Signal Detection, Psychological
F04.096.795.....Psychophysiology
F04.096.795.600.....Neuropsychology
F04.096.795.650.....Psychoneuroimmunology
F04.096.837.....Sexology
F04.096.837.249.....Sex Counseling
F04.096.837.500.....Sex Education
F04.096.879.....Social Sciences
F04.096.879.201.....Anthropology
F04.096.879.201.500.....Anthropology, Medical
F04.096.879.757.....Sociology
F04.096.879.757.400.....Sociology, Medical
F04.096.939.....Sociobiology
F04.408.....Mental Health Services
F04.408.192.....Child Guidance
F04.408.307.....Community Mental Health Services
F04.408.413.....Counseling
F04.408.413.349.....Directive Counseling
F04.408.413.349.500.....Motivational Interviewing
F04.408.413.437.....Distance Counseling
F04.408.413.700.....Sex Counseling
F04.408.525.....Emergency Services, Psychiatric
F04.408.823.....Social Work, Psychiatric
F04.513.....Personality Assessment
F04.513.636.....Q-Sort
F04.570.....Psychiatric Somatic Therapies
F04.570.200.....Convulsive Therapy
F04.570.200.583.....Electroconvulsive Therapy
F04.570.200.791.....Transcranial Direct Current Stimulation
F04.570.400.....Orthomolecular Therapy
F04.570.505.....Psychopharmacology
F04.570.505.557.....Narcotherapy
F04.570.630.....Psychosurgery
F04.628.....Psychoanalytic Interpretation
F04.669.....Psychological Techniques
F04.669.112.....Behavior Observation Techniques
F04.669.224.....Electroshock
F04.669.224.300.....Electroconvulsive Therapy
F04.669.224.650.....Transcranial Direct Current Stimulation
F04.669.332.....Galvanic Skin Response
F04.669.599.....Interview, Psychological

## 2018 MeSH Tree Hierarchy

Tree location
F04.669.817.....Reaction Time
F04.669.817.559.....Refractory Period, Psychological
F04.669.908.....Signal Detection, Psychological
F04.711.....Psychological Tests
F04.711.141.....Aptitude Tests
F04.711.141.493.....Intelligence Tests
F04.711.141.493.225.....Stanford-Binet Test
F04.711.141.493.822.....Wechsler Scales
F04.711.141.493.822.500.....Wechsler Memory Scale
F04.711.271.....Behavior Rating Scale
F04.711.336.....Ecological Momentary Assessment
F04.711.513.....Neuropsychological Tests
F04.711.513.180.....Bender-Gestalt Test
F04.711.513.240.....Language Tests
F04.711.513.300.....Luria-Nebraska Neuropsychological Battery
F04.711.513.401.....Memory and Learning Tests
F04.711.513.401.500.....Wechsler Memory Scale
F04.711.513.502.....Mental Navigation Tests
F04.711.513.603.....Mental Status and Dementia Tests
F04.711.513.603.500.....Mental Status Schedule
F04.711.513.653.....Psychiatric Status Rating Scales
F04.711.513.653.083.....Brief Psychiatric Rating Scale
F04.711.513.653.574.....Mental Status Schedule
F04.711.513.703.....Stroop Test
F04.711.513.838.....Trail Making Test
F04.711.513.919.....Wisconsin Card Sorting Test
F04.711.580.....Patient Health Questionnaire
F04.711.647.....Personality Tests
F04.711.647.138.....Bender-Gestalt Test
F04.711.647.513.....Personality Inventory
F04.711.647.513.146.....Cattell Personality Factor Questionnaire
F04.711.647.513.463.....Manifest Anxiety Scale
F04.711.647.513.535.....Millon Clinical Multiaxial Inventory
F04.711.647.513.607.....MMPI
F04.711.647.513.886.....Test Anxiety Scale
F04.711.647.622.....Projective Techniques
F04.711.647.622.341.....Ink Blot Tests
F04.711.647.622.341.387.....Holtzman Inkblot Test
F04.711.647.622.341.736.....Rorschach Test
F04.711.647.622.851.....Thematic Apperception Test
F04.711.647.745.....Semantic Differential

## 2018 MeSH Tree Hierarchy

Tree location
F04.711.647.905.....Word Association Tests
F04.711.780.....Psychometrics
F04.754.....Psychotherapy
F04.754.017.....Animal Assisted Therapy
F04.754.017.500.....Equine-Assisted Therapy
F04.754.035.....Aromatherapy
F04.754.070.....Art Therapy
F04.754.137.....Behavior Therapy
F04.754.137.087.....Anger Management Therapy
F04.754.137.131.....Applied Behavior Analysis
F04.754.137.174.....Aversive Therapy
F04.754.137.301.....Biofeedback, Psychology
F04.754.137.301.500.....Feedback, Sensory
F04.754.137.301.750.....Neurofeedback
F04.754.137.365.....Cognitive Remediation
F04.754.137.428.....Cognitive Therapy
F04.754.137.428.249.....Acceptance and Commitment Therapy
F04.754.137.428.500.....Mindfulness
F04.754.137.506.....Desensitization, Psychologic
F04.754.137.506.162.....Eye Movement Desensitization Reprocessing
F04.754.137.506.325.....Implosive Therapy
F04.754.137.506.662.....Virtual Reality Exposure Therapy
F04.754.137.750.....Relaxation Therapy
F04.754.137.750.500.....Meditation
F04.754.137.875.....Sleep Phase Chronotherapy
F04.754.168.....Bibliotherapy
F04.754.215.....Color Therapy
F04.754.252.....Crisis Intervention
F04.754.278.....Dance Therapy
F04.754.293.....Emotion-Focused Therapy
F04.754.308.....Feedback, Psychological
F04.754.308.500.....Biofeedback, Psychology
F04.754.308.500.500.....Feedback, Sensory
F04.754.308.500.750.....Neurofeedback
F04.754.339.....Feedback, Sensory
F04.754.360.....Gestalt Therapy
F04.754.392.....Horticultural Therapy
F04.754.424.....Hypnosis
F04.754.424.386.....Autogenic Training
F04.754.424.771.....Suggestion
F04.754.424.771.299.....Autosuggestion

## 2018 MeSH Tree Hierarchy

Tree location
F04.754.462.....Imagery (Psychotherapy)
F04.754.549.....Music Therapy
F04.754.570.....Narrative Therapy
F04.754.592.....Person-Centered Therapy
F04.754.664.....Play Therapy
F04.754.709.....Psychoanalytic Therapy
F04.754.709.437.....Free Association
F04.754.709.838.....Transactional Analysis
F04.754.720.....Psychotherapeutic Processes
F04.754.720.107.....Abreaction
F04.754.720.107.333.....Catharsis
F04.754.720.346.....Association
F04.754.720.864.....Transference (Psychology)
F04.754.720.864.363.....Countertransference (Psychology)
F04.754.738.....Psychotherapy, Brief
F04.754.766.....Psychotherapy, Multiple
F04.754.775.....Psychotherapy, Psychodynamic
F04.754.785.....Psychotherapy, Rational-Emotive
F04.754.804.....Reality Therapy
F04.754.864.....Socioenvironmental Therapy
F04.754.864.392.....Milieu Therapy
F04.754.864.392.701.....Therapeutic Community
F04.754.864.581.....Psychotherapy, Group
F04.754.864.581.136.....Couples Therapy
F04.754.864.581.273.....Family Therapy
F04.754.864.581.550.....Marital Therapy
F04.754.864.581.679.....Psychodrama
F04.754.864.581.679.653.....Role Playing
F04.754.864.581.813.....Sensitivity Training Groups
F04.754.864.696.....Residential Treatment
F04.824.....Schizophrenic Psychology
G01.....Physical Phenomena
G01.015.....Absorption
G01.015.249.....Absorption, Physicochemical
G01.015.249.500.....Absorption, Radiation
G01.030.....Adsorption
G01.060.....Astronomical Phenomena
G01.060.075.....Astronomical Objects
G01.060.075.159.....Extraterrestrial Environment
G01.060.075.159.200.....Cosmic Dust
G01.060.075.320.....Galaxies

## 2018 MeSH Tree Hierarchy

Tree location
G01.060.075.500.....Meteoroids
G01.060.075.680.....Planets
G01.060.075.730.....Solar System
G01.060.075.730.600.....Minor Planets
G01.060.075.730.600.500.....Pluto
G01.060.075.730.700.....Planets
G01.060.075.730.700.200.....Earth (Planet)
G01.060.075.730.700.200.500.....Moon
G01.060.075.730.700.412.....Jupiter
G01.060.075.730.700.625.....Mars
G01.060.075.730.700.762.....Mercury (Planet)
G01.060.075.730.700.796.....Neptune
G01.060.075.730.700.831.....Saturn
G01.060.075.730.700.865.....Uranus
G01.060.075.730.700.900.....Venus
G01.060.075.750.....Stars, Celestial
G01.060.185.....Cosmic Radiation
G01.060.275.....Evolution, Planetary
G01.060.275.500.....Evolution, Chemical
G01.060.350.....Gravitation
G01.060.350.369.....Gravity, Altered
G01.060.350.369.300.....Hypergravity
G01.060.350.369.400.....Hypogravity
G01.060.350.369.400.900.....Weightlessness
G01.060.800.....Solar Activity
G01.154.....Biophysical Phenomena
G01.154.090.....Biomechanical Phenomena
G01.154.090.500.....Mechanotransduction, Cellular
G01.154.090.625.....Orthodontic Friction
G01.154.090.750.....Osmosis
G01.154.090.750.500.....Electroosmosis
G01.154.240.....Energy Transfer
G01.154.240.280.....Fluorescence Resonance Energy Transfer
G01.154.240.400.....Linear Energy Transfer
G01.154.280.....Facilitated Diffusion
G01.154.500.....Membrane Fluidity
G01.154.535.....Membrane Potentials
G01.154.651.....Protein Folding
G01.154.651.501.....Protein Refolding
G01.154.651.750.....Protein Unfolding
G01.154.651.750.500.....Protein Denaturation

## 2018 MeSH Tree Hierarchy

Tree location
G01.154.709.....RNA Folding
G01.154.767.....Seed Dispersal
G01.202.....Diffusion
G01.202.374.....Facilitated Diffusion
G01.202.750.....Thermal Diffusion
G01.226.....Doppler Effect
G01.238.....Elementary Particle Interactions
G01.249.....Elementary Particles
G01.249.335.....Electrons
G01.249.467.....Heavy Ions
G01.249.600.....Mesons
G01.249.660.....Nucleons
G01.249.660.250.....Neutrons
G01.249.660.250.368.....Fast Neutrons
G01.249.660.500.....Protons
G01.249.675.....Phonons
G01.249.705.....Photons
G01.280.....Filtration
G01.280.807.....Ultrafiltration
G01.311.....Geological Phenomena
G01.311.085.....Avalanches
G01.311.169.....Caves
G01.311.250.....Earthquakes
G01.311.290.....Evolution, Planetary
G01.311.330.....Geologic Sediments
G01.311.355.....Groundwater
G01.311.355.750.....Natural Springs
G01.311.355.750.500.....Hot Springs
G01.311.355.750.500.400.....Hydrothermal Vents
G01.311.400.....Ice Cover
G01.311.580.....Lakes
G01.311.603.....Landslides
G01.311.625.....Oceans and Seas
G01.311.625.080.....Bays
G01.311.625.540.....Estuaries
G01.311.687.....Oil and Gas Fields
G01.311.718.....Ponds
G01.311.750.....Rivers
G01.311.820.....Soil
G01.311.820.500.....Permafrost
G01.311.910.....Tidal Waves



## 2018 MeSH Tree Hierarchy

Tree location	
G01.311.933.....	Tsunamis
G01.311.955.....	Volcanic Eruptions
G01.311.977.....	Water Cycle
G01.311.988.....	Wildfires
G01.342.....	Hydrodynamics
G01.358.....	Magnetic Phenomena
G01.358.500.....	Electromagnetic Phenomena
G01.358.500.249.....	Electricity
G01.358.500.249.270.....	Electric Capacitance
G01.358.500.249.277.....	Electric Conductivity
G01.358.500.249.277.350.....	Electric Impedance
G01.358.500.249.820.....	Static Electricity
G01.358.500.260.....	Electromagnetic Fields
G01.358.500.505.....	Electromagnetic Radiation
G01.358.500.505.300.....	Gamma Rays
G01.358.500.505.650.....	Light
G01.358.500.505.650.440.....	Incandescence
G01.358.500.505.650.552.....	Infrared Rays
G01.358.500.505.650.665.....	Luminescence
G01.358.500.505.650.665.500.....	Fluorescence
G01.358.500.505.650.782.....	Photons
G01.358.500.505.650.836.....	Sunlight
G01.358.500.505.650.891.....	Ultraviolet Rays
G01.358.500.505.810.....	Radio Waves
G01.358.500.505.810.500.....	Microwaves
G01.358.500.505.890.....	Terahertz Radiation
G01.358.500.505.970.....	X-Rays
G01.358.500.750.....	Electrons
G01.358.500.875.....	Superconductivity
G01.358.750.....	Magnetic Fields
G01.358.750.500.....	Electromagnetic Fields
G01.374.....	Mechanical Phenomena
G01.374.089.....	Biomechanical Phenomena
G01.374.180.....	Compressive Strength
G01.374.590.....	Elasticity
G01.374.590.210.....	Compliance
G01.374.590.605.....	Elastic Modulus
G01.374.618.....	Friction
G01.374.647.....	Hardness
G01.374.647.457.....	Hardness Tests
G01.374.661.....	Kinetics

## 2018 MeSH Tree Hierarchy

Tree location	
G01.374.669.....	Lifting
G01.374.705.....	Pliability
G01.374.710.....	Porosity
G01.374.715.....	Pressure
G01.374.715.250.....	Decompression
G01.374.715.250.500.....	Decompression, Explosive
G01.374.715.352.....	Hydrostatic Pressure
G01.374.715.578.....	Osmotic Pressure
G01.374.715.714.....	Partial Pressure
G01.374.715.902.....	Vacuum
G01.374.715.951.....	Vapor Pressure
G01.374.820.....	Shear Strength
G01.374.835.....	Stress, Mechanical
G01.374.850.....	Tensile Strength
G01.374.860.....	Torsion, Mechanical
G01.374.860.500.....	Torque
G01.374.930.....	Vibration
G01.374.965.....	Weight-Bearing
G01.482.....	Motion
G01.482.107.....	Acceleration
G01.482.107.373.....	Deceleration
G01.482.311.....	Coriolis Force
G01.482.620.....	Pulsatile Flow
G01.482.703.....	Rotation
G01.536.....	Nuclear Energy
G01.536.485.....	Nuclear Fission
G01.536.652.....	Nuclear Fusion
G01.590.....	Optical Phenomena
G01.590.040.....	Anisotropy
G01.590.080.....	Birefringence
G01.590.310.....	Iridescence
G01.590.540.....	Light
G01.590.540.199.....	Color
G01.590.540.233.....	Darkness
G01.590.540.333.....	Glare
G01.590.540.440.....	Incandescence
G01.590.540.552.....	Infrared Rays
G01.590.540.665.....	Luminescence
G01.590.540.665.500.....	Fluorescence
G01.590.540.782.....	Photons
G01.590.540.891.....	Ultraviolet Rays

## 2018 MeSH Tree Hierarchy

Tree location
G01.590.773.....Optical Rotation
G01.590.775.....Refraction, Ocular
G01.645.....Phase Transition
G01.645.500.....Freezing
G01.645.563.....Sublimation, Chemical
G01.645.625.....Vitrification
G01.645.750.....Volatilization
G01.750.....Radiation
G01.750.124.....Absorption, Radiation
G01.750.250.....Electromagnetic Radiation
G01.750.250.300.....Gamma Rays
G01.750.250.650.....Light
G01.750.250.650.440.....Incandescence
G01.750.250.650.552.....Infrared Rays
G01.750.250.650.665.....Luminescence
G01.750.250.650.782.....Photons
G01.750.250.650.836.....Sunlight
G01.750.250.650.891.....Ultraviolet Rays
G01.750.250.810.....Radio Waves
G01.750.250.810.500.....Microwaves
G01.750.250.890.....Terahertz Radiation
G01.750.250.970.....X-Rays
G01.750.740.....Radiation Dosage
G01.750.740.500.....Dose-Response Relationship, Radiation
G01.750.745.....Radiation Effects
G01.750.748.....Radiation Exposure
G01.750.748.500.....Radiation Injuries
G01.750.748.500.031.....Abnormalities, Radiation-Induced
G01.750.748.500.188.....Acute Radiation Syndrome
G01.750.748.500.266.....Cardiotoxicity
G01.750.748.500.345.....Leukemia, Radiation-Induced
G01.750.748.500.476.....Neoplasms, Radiation-Induced
G01.750.748.500.579.....Osteoradionecrosis
G01.750.748.500.720.....Radiation Injuries, Experimental
G01.750.748.500.762.....Radiation Pneumonitis
G01.750.748.500.804.....Radiodermatitis
G01.750.750.....Radiation, Ionizing
G01.750.750.055.....Alpha Particles
G01.750.750.115.....Background Radiation
G01.750.750.125.....Beta Particles
G01.750.750.235.....Cosmic Radiation

## 2018 MeSH Tree Hierarchy

Tree location
G01.750.750.400.....Gamma Rays
G01.750.750.659.....Ultraviolet Rays
G01.750.750.918.....X-Rays
G01.750.770.....Radiation, Nonionizing
G01.750.770.578.....Light
G01.750.770.578.440.....Incandescence
G01.750.770.578.552.....Infrared Rays
G01.750.770.578.665.....Luminescence
G01.750.770.578.782.....Photons
G01.750.770.578.836.....Sunlight
G01.750.770.578.891.....Ultraviolet Rays
G01.750.770.721.....Radio Waves
G01.750.770.721.500.....Microwaves
G01.750.770.776.....Sound
G01.750.770.776.567.....Noise
G01.750.770.776.783.....Phonons
G01.750.770.776.891.....Ultrasonic Waves
G01.750.770.776.891.500.....High-Energy Shock Waves
G01.750.770.832.....Terahertz Radiation
G01.750.897.....Solar Energy
G01.828.....Radioactivity
G01.867.....Scattering, Radiation
G01.867.650.....Neutron Diffraction
G01.867.755.....Scattering, Small Angle
G01.867.950.....X-Ray Diffraction
G01.906.....Thermodynamics
G01.906.230.....Convection
G01.906.345.....Entropy
G01.906.595.....Temperature
G01.906.595.272.....Cold Temperature
G01.906.595.272.437.....Freezing
G01.906.595.543.....Hot Temperature
G01.906.595.850.....Transition Temperature
G01.906.730.....Thermal Conductivity
G01.910.....Time
G01.910.200.....Chronology as Topic
G01.910.405.....Half-Life
G01.910.645.....Periodicity
G01.910.645.661.....Seasons
G01.910.675.....Photoperiod
G01.910.857.....Time Factors

## 2018 MeSH Tree Hierarchy

Tree location
G02.....Chemical Phenomena
G02.010.....Absorption
G02.010.500.....Absorption, Physicochemical
G02.010.500.500.....Absorption, Radiation
G02.020.....Adsorption
G02.035.....Air Ionization
G02.050.....Anisotropy
G02.111.....Biochemical Phenomena
G02.111.007.....Acid-Base Equilibrium
G02.111.012.....Acylation
G02.111.012.052.....Acetylation
G02.111.012.055.....Aminoacylation
G02.111.012.055.860.....Transfer RNA Aminoacylation
G02.111.017.....Aerobiosis
G02.111.026.....Agglutination
G02.111.026.500.....Hemagglutination
G02.111.026.500.500.....Hemagglutination, Viral
G02.111.035.....Alkylation
G02.111.035.538.....Methylation
G02.111.035.538.161.....DNA Methylation
G02.111.044.....Allosteric Regulation
G02.111.053.....Amination
G02.111.062.....Anaerobiosis
G02.111.071.....Autotrophic Processes
G02.111.071.314.....Chemoautotrophic Growth
G02.111.071.630.....Nitrogen Fixation
G02.111.080.....Base Composition
G02.111.084.....Binding, Competitive
G02.111.086.....Biocatalysis
G02.111.098.....Biosynthetic Pathways
G02.111.109.....Biotinylation
G02.111.130.....Body Composition
G02.111.130.134.....Body Fat Distribution
G02.111.130.134.500.....Adiposity
G02.111.150.....Brain Chemistry
G02.111.158.....Carbohydrate Metabolism
G02.111.158.249.....Fermentation
G02.111.158.500.....Gluconeogenesis
G02.111.158.625.....Glycogenolysis
G02.111.158.750.....Glycolysis
G02.111.158.812.....Glycosylation

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.158.875.....Pentose Phosphate Pathway
G02.111.158.937.....Photosynthesis
G02.111.158.937.700.....Photophosphorylation
G02.111.165.....Citric Acid Cycle
G02.111.180.....Cyclization
G02.111.188.....Dealkylation
G02.111.188.500.....Demethylation
G02.111.188.500.500.....DNA Demethylation
G02.111.192.....Deamination
G02.111.195.....Decarboxylation
G02.111.210.....DNA Cleavage
G02.111.218.....DNA Methylation
G02.111.222.....DNA Repair
G02.111.222.200.....DNA End-Joining Repair
G02.111.222.220.....DNA Mismatch Repair
G02.111.222.700.....Recombinational DNA Repair
G02.111.222.830.....SOS Response (Genetics)
G02.111.225.....DNA Replication
G02.111.225.760.....DNA Replication Timing
G02.111.225.880.....S Phase
G02.111.225.940.....Telomere Shortening
G02.111.240.....Down-Regulation
G02.111.248.....Electron Transport
G02.111.255.....Energy Transfer
G02.111.255.280.....Fluorescence Resonance Energy Transfer
G02.111.255.400.....Linear Energy Transfer
G02.111.263.....Enzyme Activation
G02.111.270.....Esterification
G02.111.323.....Halogenation
G02.111.375.....Heterotrophic Processes
G02.111.380.....Hydrogenation
G02.111.385.....Hydroxylation
G02.111.490.....Kinetics
G02.111.515.....Lipid Peroxidation
G02.111.528.....Lipogenesis
G02.111.534.....Lipolysis
G02.111.540.....Lipoylation
G02.111.550.....Membrane Fluidity
G02.111.560.....Molecular Mimicry
G02.111.570.....Molecular Structure
G02.111.570.060.....Amino Acid Sequence

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.570.060.270.....Extensins
G02.111.570.060.360.....Histone Code
G02.111.570.060.425.....Immunoglobulin Variable Region
G02.111.570.060.425.079.....Binding Sites, Antibody
G02.111.570.060.425.160.....Complementarity Determining Regions
G02.111.570.060.425.580.....Immunoglobulin Idiotypes
G02.111.570.060.440.....Inteins
G02.111.570.060.620.....Peptide Library
G02.111.570.060.670.....Protein Sorting Signals
G02.111.570.060.670.600.....Nuclear Export Signals
G02.111.570.060.670.610.....Nuclear Localization Signals
G02.111.570.060.670.805.....Peroxisomal Targeting Signals
G02.111.570.060.720.....Repetitive Sequences, Amino Acid
G02.111.570.060.720.030.....Ankyrin Repeat
G02.111.570.060.720.273.....Kelch Repeat
G02.111.570.060.720.394.....Tetratricopeptide Repeat
G02.111.570.060.720.515.....WD40 Repeats
G02.111.570.080.....Base Sequence
G02.111.570.080.040.....AT Rich Sequence
G02.111.570.080.380.....GC Rich Sequence
G02.111.570.080.380.160.....CpG Islands
G02.111.570.080.534.....Matrix Attachment Regions
G02.111.570.080.611.....Nucleotide Motifs
G02.111.570.080.689.....Regulatory Sequences, Nucleic Acid
G02.111.570.080.689.330.....Enhancer Elements, Genetic
G02.111.570.080.689.330.240.....E-Box Elements
G02.111.570.080.689.330.400.....HIV Enhancer
G02.111.570.080.689.330.700.....Response Elements
G02.111.570.080.689.330.700.800.....Serum Response Element
G02.111.570.080.689.330.700.920.....Vitamin D Response Element
G02.111.570.080.689.390.....Insulator Elements
G02.111.570.080.689.450.....Locus Control Region
G02.111.570.080.689.650.....Operator Regions, Genetic
G02.111.570.080.689.675.....Promoter Regions, Genetic
G02.111.570.080.689.675.700.....Response Elements
G02.111.570.080.689.675.700.040.....Antioxidant Response Elements
G02.111.570.080.689.675.700.800.....Serum Response Element
G02.111.570.080.689.675.700.920.....Vitamin D Response Element
G02.111.570.080.689.675.850.....TATA Box
G02.111.570.080.689.687.....Regulatory Sequences, Ribonucleic Acid
G02.111.570.080.689.687.061.....AU Rich Elements

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.570.080.689.687.093.....Internal Ribosome Entry Sites
G02.111.570.080.689.687.124.....Riboswitch
G02.111.570.080.689.687.249.....RNA 3' Polyadenylation Signals
G02.111.570.080.689.687.275.....RNA 5' Terminal Oligopyrimidine Sequence
G02.111.570.080.689.687.490.....RNA Splice Sites
G02.111.570.080.689.755.....Silencer Elements, Transcriptional
G02.111.570.080.689.810.....Terminator Regions, Genetic
G02.111.570.080.708.....Repetitive Sequences, Nucleic Acid
G02.111.570.080.708.330.....Interspersed Repetitive Sequences
G02.111.570.080.708.330.200.....DNA Transposable Elements
G02.111.570.080.708.330.200.500.....Integrans
G02.111.570.080.708.330.330.....Genomic Islands
G02.111.570.080.708.330.800.....Retroelements
G02.111.570.080.708.330.800.175.....Endogenous Retroviruses
G02.111.570.080.708.330.800.200.....Genes, Intracisternal A-Particle
G02.111.570.080.708.330.800.400.....Long Interspersed Nucleotide Elements
G02.111.570.080.708.330.800.800.....Short Interspersed Nucleotide Elements
G02.111.570.080.708.330.800.800.050.....Alu Elements
G02.111.570.080.708.565.....Segmental Duplications, Genomic
G02.111.570.080.708.800.....Tandem Repeat Sequences
G02.111.570.080.708.800.140.....DNA Repeat Expansion
G02.111.570.080.708.800.140.865.....Trinucleotide Repeat Expansion
G02.111.570.080.708.800.150.....DNA, Satellite
G02.111.570.080.708.800.325.....Inverted Repeat Sequences
G02.111.570.080.708.800.325.500.....Clustered Regularly Interspaced Short Palindromic Repeats
G02.111.570.080.708.800.500.....Microsatellite Repeats
G02.111.570.080.708.800.500.150.....Dinucleotide Repeats
G02.111.570.080.708.800.500.850.....Trinucleotide Repeats
G02.111.570.080.708.800.500.850.200.....Trinucleotide Repeat Expansion
G02.111.570.080.708.800.550.....Minisatellite Repeats
G02.111.570.080.708.850.....Terminal Repeat Sequences
G02.111.570.080.708.850.400.....HIV Long Terminal Repeat
G02.111.570.080.708.850.400.400.....HIV Enhancer
G02.111.570.120.....Binding Sites
G02.111.570.120.147.....Allosteric Site
G02.111.570.120.290.....Bay-Region, Polycyclic Aromatic Hydrocarbon
G02.111.570.120.309.....Binding, Competitive
G02.111.570.120.408.....Binding Sites, Antibody
G02.111.570.120.704.....Catalytic Domain
G02.111.570.160.....Carbohydrate Sequence
G02.111.570.580.....Conserved Sequence



## 2018 MeSH Tree Hierarchy

Tree location
G02.111.570.580.175.....Consensus Sequence
G02.111.570.580.175.500.....Position-Specific Scoring Matrices
G02.111.570.685.....Isomerism
G02.111.570.820.....Molecular Conformation
G02.111.570.820.117.....Bay-Region, Polycyclic Aromatic Hydrocarbon
G02.111.570.820.235.....Carbohydrate Conformation
G02.111.570.820.486.....Nucleic Acid Conformation
G02.111.570.820.486.100.....Base Pairing
G02.111.570.820.486.128.....DNA, A-Form
G02.111.570.820.486.142.....DNA, B-Form
G02.111.570.820.486.156.....DNA, C-Form
G02.111.570.820.486.212.....DNA, Circular
G02.111.570.820.486.212.084.....DNA, Catenated
G02.111.570.820.486.212.250.....DNA, Superhelical
G02.111.570.820.486.268.....DNA, Concatenated
G02.111.570.820.486.325.....DNA, Cruciform
G02.111.570.820.486.437.....DNA, Single-Stranded
G02.111.570.820.486.493.....DNA, Z-Form
G02.111.570.820.486.550.....G-Quadruplexes
G02.111.570.820.486.662.....Nucleotide Motifs
G02.111.570.820.486.718.....RNA Folding
G02.111.570.820.486.775.....RNA, Double-Stranded
G02.111.570.820.709.....Protein Conformation
G02.111.570.820.709.275.....Protein Structural Elements
G02.111.570.820.709.275.500.....Amino Acid Motifs
G02.111.570.820.709.275.500.030.....Ankyrin Repeat
G02.111.570.820.709.275.500.050.....AT-Hook Motifs
G02.111.570.820.709.275.500.127.....Cystine Knot Motifs
G02.111.570.820.709.275.500.205.....F-Box Motifs
G02.111.570.820.709.275.500.360.....Helix-Loop-Helix Motifs
G02.111.570.820.709.275.500.360.240.....EF Hand Motifs
G02.111.570.820.709.275.500.360.360.....Helix-Turn-Helix Motifs
G02.111.570.820.709.275.500.360.360.500.....ETS Motif
G02.111.570.820.709.275.500.440.....Immunoreceptor Tyrosine-Based Activation Motif
G02.111.570.820.709.275.500.480.....Immunoreceptor Tyrosine-Based Inhibition Motif
G02.111.570.820.709.275.500.490.....Kazal Motifs
G02.111.570.820.709.275.500.500.....Kelch Repeat
G02.111.570.820.709.275.500.520.....Leucine Zippers
G02.111.570.820.709.275.500.695.....Poly-ADP-Ribose Binding Motif
G02.111.570.820.709.275.500.869.....RNA-Binding Motifs
G02.111.570.820.709.275.500.869.250.....Double-Stranded RNA Binding Motif

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.570.820.709.275.500.869.500.....RNA Recognition Motif
G02.111.570.820.709.275.500.898.....Sterile Alpha Motif
G02.111.570.820.709.275.500.913.....AAA Domain
G02.111.570.820.709.275.500.920.....Tetratricopeptide Repeat
G02.111.570.820.709.275.500.927.....WD40 Repeats
G02.111.570.820.709.275.500.985.....Zinc Fingers
G02.111.570.820.709.275.500.985.250.....CYS2-HIS2 Zinc Fingers
G02.111.570.820.709.275.500.985.375.....MYND Domains
G02.111.570.820.709.275.500.985.438.....PHD Zinc Fingers
G02.111.570.820.709.275.500.985.500.....RING Finger Domains
G02.111.570.820.709.275.750.....Protein Domains
G02.111.570.820.709.275.750.125.....C2 Domains
G02.111.570.820.709.275.750.188.....Catalytic Domain
G02.111.570.820.709.275.750.219.....Discoidin Domain
G02.111.570.820.709.275.750.235.....HMG-Box Domains
G02.111.570.820.709.275.750.250.....Immunoglobulin Domains
G02.111.570.820.709.275.750.250.500.....Fibronectin Type III Domain
G02.111.570.820.709.275.750.375.....Kringles
G02.111.570.820.709.275.750.438.....Methyl CpG Binding Domain
G02.111.570.820.709.275.750.469.....Pleckstrin Homology Domains
G02.111.570.820.709.275.750.477.....PR-SET Domains
G02.111.570.820.709.275.750.485.....Proline-Rich Protein Domains
G02.111.570.820.709.275.750.500.....Protein Interaction Domains and Motifs
G02.111.570.820.709.275.750.500.080.....Ankyrin Repeat
G02.111.570.820.709.275.750.500.290.....B30.2-SPRY Domain
G02.111.570.820.709.275.750.500.343.....BTB-POZ Domain
G02.111.570.820.709.275.750.500.395.....Death Domain Superfamily
G02.111.570.820.709.275.750.500.395.250.....Caspase Activation and Recruitment Domain
G02.111.570.820.709.275.750.500.395.500.....Death Domain
G02.111.570.820.709.275.750.500.395.750.....Death Effector Domain
G02.111.570.820.709.275.750.500.395.875.....Pyrin Domain
G02.111.570.820.709.275.750.500.422.....FERM Domains
G02.111.570.820.709.275.750.500.448.....Kelch Repeat
G02.111.570.820.709.275.750.500.474.....MYND Domains
G02.111.570.820.709.275.750.500.500.....PDZ Domains
G02.111.570.820.709.275.750.500.625.....RING Finger Domains
G02.111.570.820.709.275.750.500.750.....src Homology Domains
G02.111.570.820.709.275.750.500.813.....Sterile Alpha Motif
G02.111.570.820.709.275.750.500.829.....Tetratricopeptide Repeat
G02.111.570.820.709.275.750.500.844.....Tudor Domain
G02.111.570.820.709.275.750.500.875.....WD40 Repeats

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.570.820.709.275.750.500.937.....WW Domains
G02.111.570.820.709.275.875.....Repetitive Sequences, Amino Acid
G02.111.570.820.709.275.875.030.....Ankyrin Repeat
G02.111.570.820.709.275.875.273.....Kelch Repeat
G02.111.570.820.709.275.875.394.....Tetratricopeptide Repeat
G02.111.570.820.709.275.875.515.....WD40 Repeats
G02.111.570.820.709.550.....Protein Structure, Quaternary
G02.111.570.820.709.600.....Protein Structure, Secondary
G02.111.570.820.709.600.020.....Protein Conformation, alpha-Helical
G02.111.570.820.709.600.500.....Amino Acid Motifs
G02.111.570.820.709.600.750.....Protein Conformation, beta-Strand
G02.111.570.820.709.610.....Protein Structure, Tertiary
G02.111.570.820.709.610.500.....Protein Domains
G02.111.570.820.709.805.....Structural Homology, Protein
G02.111.570.895.....Molecular Dynamics Simulation
G02.111.587.....Nitrogen Cycle
G02.111.587.250.....Denitrification
G02.111.587.500.....Nitrification
G02.111.587.750.....Nitrogen Fixation
G02.111.595.....Nitrosation
G02.111.603.....Nucleic Acid Denaturation
G02.111.611.....Nucleic Acid Hybridization
G02.111.611.500.....Base Pairing
G02.111.619.....Nucleic Acid Renaturation
G02.111.635.....Osmoregulation
G02.111.635.500.....Water-Electrolyte Balance
G02.111.635.500.500.....Kallikrein-Kinin System
G02.111.635.500.750.....Water Loss, Insensible
G02.111.655.....Osmosis
G02.111.655.500.....Electroosmosis
G02.111.660.....Peptide Biosynthesis
G02.111.660.050.....Aminoacylation
G02.111.660.050.860.....Transfer RNA Aminoacylation
G02.111.660.333.....Peptide Biosynthesis, Nucleic Acid-Independent
G02.111.660.871.....Protein Biosynthesis
G02.111.660.871.200.....Frameshifting, Ribosomal
G02.111.660.871.640.....Peptide Chain Elongation, Translational
G02.111.660.871.650.....Peptide Chain Initiation, Translational
G02.111.660.871.720.....Peptide Chain Termination, Translational
G02.111.660.871.790.....Protein Modification, Translational
G02.111.660.871.790.600.....Protein Processing, Post-Translational

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.660.871.790.600.200.....ADP-Ribosylation
G02.111.660.871.790.600.200.500.....Poly ADP Ribosylation
G02.111.660.871.790.600.300.....Citullination
G02.111.660.871.790.600.400.....Protein Prenylation
G02.111.660.871.790.600.700.....Protein Splicing
G02.111.660.871.790.600.925.....Ubiquitination
G02.111.660.871.790.600.925.500.....Sumoylation
G02.111.660.871.790.600.962.....Unfolded Protein Response
G02.111.660.871.790.600.962.500.....Endoplasmic Reticulum-Associated Degradation
G02.111.660.871.850.....Transfer RNA Aminoacylation
G02.111.665.....Phosphorylation
G02.111.665.550.....Oxidative Phosphorylation
G02.111.665.605.....Photophosphorylation
G02.111.669.....Phototrophic Processes
G02.111.669.700.....Photosynthesis
G02.111.669.700.700.....Photophosphorylation
G02.111.672.....Prenylation
G02.111.672.500.....Protein Prenylation
G02.111.675.....Protein Aggregation, Pathological
G02.111.679.....Protein Binding
G02.111.682.....Protein Carbonylation
G02.111.688.....Protein Folding
G02.111.688.501.....Protein Refolding
G02.111.688.501.500.....Protein Renaturation
G02.111.688.750.....Protein Unfolding
G02.111.688.750.500.....Protein Denaturation
G02.111.691.....Protein Modification, Translational
G02.111.691.600.....Protein Processing, Post-Translational
G02.111.691.600.200.....ADP-Ribosylation
G02.111.691.600.200.500.....Poly ADP Ribosylation
G02.111.691.600.300.....Citullination
G02.111.691.600.400.....Protein Prenylation
G02.111.691.600.700.....Protein Splicing
G02.111.691.600.775.....Ubiquitination
G02.111.691.600.775.500.....Sumoylation
G02.111.691.600.850.....Unfolded Protein Response
G02.111.691.600.850.500.....Endoplasmic Reticulum-Associated Degradation
G02.111.694.....Protein Multimerization
G02.111.700.....Protein Stability
G02.111.700.500.....Enzyme Stability
G02.111.720.....Proteolysis

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.730.....Proteostasis
G02.111.740.....RNA Cleavage
G02.111.750.....RNA Folding
G02.111.760.....RNA Processing, Post-Transcriptional
G02.111.760.112.....Nonsense Mediated mRNA Decay
G02.111.760.225.....RNA 3' End Processing
G02.111.760.225.710.....Polyadenylation
G02.111.760.250.....RNA Editing
G02.111.760.700.....RNA Splicing
G02.111.760.700.100.....Alternative Splicing
G02.111.760.700.750.....Trans-Splicing
G02.111.780.....RNA Stability
G02.111.780.500.....Nonsense Mediated mRNA Decay
G02.111.810.....Sequence Homology
G02.111.810.200.....Sequence Homology, Amino Acid
G02.111.810.200.820.....Structural Homology, Protein
G02.111.810.550.....Sequence Homology, Nucleic Acid
G02.111.810.550.830.....Synteny
G02.111.820.....Signal Transduction
G02.111.820.400.....Ion Channel Gating
G02.111.820.480.....Light Signal Transduction
G02.111.820.480.900.....Vision, Ocular
G02.111.820.560.....MAP Kinase Signaling System
G02.111.820.580.....Mechanotransduction, Cellular
G02.111.820.690.....Non-Neuronal Cholinergic System
G02.111.820.800.....Second Messenger Systems
G02.111.820.800.100.....Calcium Signaling
G02.111.820.800.100.500.....Excitation Contraction Coupling
G02.111.820.850.....Synaptic Transmission
G02.111.820.850.500.....Postsynaptic Potential Summation
G02.111.820.925.....Wnt Signaling Pathway
G02.111.830.....Structure-Activity Relationship
G02.111.830.500.....Quantitative Structure-Activity Relationship
G02.111.833.....Substrate Cycling
G02.111.835.....Substrate Specificity
G02.111.873.....Transcription, Genetic
G02.111.873.500.....Reverse Transcription
G02.111.873.562.....Transcription Elongation, Genetic
G02.111.873.625.....Transcription Initiation, Genetic
G02.111.873.687.....Transcription Termination, Genetic
G02.111.873.750.....Transcriptome

## 2018 MeSH Tree Hierarchy

Tree location
G02.111.905.....Up-Regulation
G02.130.....Catalysis
G02.130.500.....Biocatalysis
G02.159.....Chemical Precipitation
G02.159.347.....Flocculation
G02.165.....Corrosion
G02.171.....Crystallization
G02.176.....Desiccation
G02.186.....Dialysis
G02.196.....Diffusion
G02.196.500.....Facilitated Diffusion
G02.196.750.....Thermal Diffusion
G02.206.....Dimerization
G02.211.....Drug Liberation
G02.216.....Energy Transfer
G02.216.400.....Linear Energy Transfer
G02.225.....Evolution, Chemical
G02.263.....Filtration
G02.263.807.....Ultrafiltration
G02.282.....Hydrogen Bonding
G02.300.....Hydrogen-Ion Concentration
G02.300.176.....Acid-Base Equilibrium
G02.300.500.....Isoelectric Point
G02.380.....Hydrolysis
G02.409.....Hydrophobic and Hydrophilic Interactions
G02.409.500.....Wettability
G02.437.....Ion Exchange
G02.466.....Molecular Structure
G02.494.....Molecular Weight
G02.551.....Neutron Diffraction
G02.607.....Organic Chemistry Phenomena
G02.607.063.....Acylation
G02.607.063.052.....Acetylation
G02.607.063.526.....Aminoacylation
G02.607.094.....Alkylation
G02.607.094.538.....Methylation
G02.607.110.....Amination
G02.607.125.....Carbon Cycle
G02.607.125.500.....Carbon Sequestration
G02.607.133.....Cyclization
G02.607.141.....Dealkylation

## 2018 MeSH Tree Hierarchy

Tree location
G02.607.141.500.....Demethylation
G02.607.141.500.500.....DNA Demethylation
G02.607.157.....Deamination
G02.607.188.....Decarboxylation
G02.607.250.....Esterification
G02.607.299.....Glycosylation
G02.607.324.....Hydrogenation
G02.607.348.....Hydroxylation
G02.607.445.....Isomerism
G02.607.445.682.....Stereoisomerism
G02.607.522.....Maillard Reaction
G02.607.560.....Nitrogen Cycle
G02.607.560.250.....Denitrification
G02.607.560.500.....Nitrification
G02.607.560.750.....Nitrogen Fixation
G02.607.598.....Nitrosation
G02.607.765.....Oxidative Coupling
G02.607.780.....Phosphorylation
G02.640.....Osmolar Concentration
G02.640.249.....Osmotic Pressure
G02.640.500.....Salinity
G02.691.....Osmosis
G02.691.250.....Electroosmosis
G02.700.....Oxidation-Reduction
G02.700.500.....Oxidative Coupling
G02.712.....Particle Size
G02.723.....Permeability
G02.723.495.....Osmosis
G02.723.495.250.....Electroosmosis
G02.723.661.....Osmotic Pressure
G02.734.....Phase Transition
G02.734.466.....Freezing
G02.734.700.....Sublimation, Chemical
G02.734.933.....Volatilization
G02.740.....Photochemical Processes
G02.740.680.....Photobleaching
G02.740.685.....Photolysis
G02.740.842.....Photophosphorylation
G02.740.921.....Photosynthesis
G02.750.....Polymerization
G02.765.....Proton-Motive Force

## 2018 MeSH Tree Hierarchy

Tree location
G02.805.....Solubility
G02.819.....Specific Gravity
G02.833.....Spontaneous Combustion
G02.860.....Surface Properties
G02.860.139.....Adhesiveness
G02.860.327.....Capillary Action
G02.860.816.....Surface Tension
G02.860.908.....Wettability
G02.930.....Viscosity
G02.965.....X-Ray Diffraction
G03.....Metabolism
G03.015.....Absorption
G03.015.500.....Absorption, Physiological
G03.015.500.374.....Gastrointestinal Absorption
G03.015.500.374.249.....Gastric Absorption
G03.015.500.374.500.....Intestinal Absorption
G03.015.500.374.500.500.....Intestinal Reabsorption
G03.015.500.374.650.....Oral Mucosal Absorption
G03.015.500.374.825.....Rectal Absorption
G03.015.500.562.....Intramuscular Absorption
G03.015.500.656.....Ocular Absorption
G03.015.500.667.....Peritoneal Absorption
G03.015.500.679.....Renal Reabsorption
G03.015.500.703.....Respiratory Tract Absorption
G03.015.500.703.500.....Nasal Absorption
G03.015.500.750.....Skin Absorption
G03.015.500.875.....Subcutaneous Absorption
G03.015.500.937.....Vaginal Absorption
G03.030.....Acid-Base Equilibrium
G03.040.....Acylation
G03.040.052.....Acetylation
G03.040.055.....Aminoacylation
G03.040.055.860.....Transfer RNA Aminoacylation
G03.049.....Aerobiosis
G03.059.....Alkylation
G03.059.538.....Methylation
G03.059.538.161.....DNA Methylation
G03.068.....Amination
G03.078.....Anaerobiosis
G03.087.....Autotrophic Processes
G03.087.314.....Chemoautotrophic Growth



## 2018 MeSH Tree Hierarchy

Tree location
G03.087.630.....Nitrogen Fixation
G03.105.....Biocatalysis
G03.143.....Biological Transport
G03.143.310.....Biological Transport, Active
G03.143.310.100.....Active Transport, Cell Nucleus
G03.143.330.....Capillary Permeability
G03.143.335.....Cell Membrane Permeability
G03.143.355.....Cytoplasmic Streaming
G03.143.355.040.....Axonal Transport
G03.143.427.....Facilitated Diffusion
G03.143.500.....Ion Transport
G03.143.500.100.....Calcium Signaling
G03.143.700.....Protein Transport
G03.143.700.100.....Active Transport, Cell Nucleus
G03.143.775.....Respiratory Transport
G03.143.775.602.....Pulmonary Gas Exchange
G03.143.850.....RNA Transport
G03.143.925.....Secretory Pathway
G03.143.962.....Transcytosis
G03.143.962.500.....Transcellular Cell Migration
G03.162.....Biotinylation
G03.171.....Biotransformation
G03.171.224.....Activation, Metabolic
G03.171.450.....Inactivation, Metabolic
G03.171.450.500.....Metabolic Detoxication, Phase I
G03.171.450.750.....Metabolic Detoxication, Phase II
G03.180.....Body Composition
G03.180.134.....Body Fat Distribution
G03.180.134.500.....Adiposity
G03.185.....Brain Chemistry
G03.191.....Carbohydrate Metabolism
G03.191.249.....Fermentation
G03.191.500.....Gluconeogenesis
G03.191.625.....Glycogenolysis
G03.191.750.....Glycolysis
G03.191.812.....Glycosylation
G03.191.875.....Pentose Phosphate Pathway
G03.191.937.....Photosynthesis
G03.191.937.700.....Photophosphorylation
G03.194.....Catabolite Repression
G03.197.....Cell Respiration

## 2018 MeSH Tree Hierarchy

Tree location
G03.197.300.....Cell Hypoxia
G03.197.300.500.....Tumor Hypoxia
G03.197.620.....Respiratory Burst
G03.208.....Cyclization
G03.219.....Dealkylation
G03.219.500.....Demethylation
G03.219.500.500.....DNA Demethylation
G03.222.....Deamination
G03.225.....Decarboxylation
G03.230.....Dimerization
G03.295.....Energy Metabolism
G03.295.154.....Basal Metabolism
G03.295.342.....Citric Acid Cycle
G03.295.436.....Glycolysis
G03.295.531.....Oxidation-Reduction
G03.295.531.403.....Electron Transport
G03.295.531.587.....Lipid Peroxidation
G03.295.631.....Oxidative Phosphorylation
G03.295.693.....Pentose Phosphate Pathway
G03.295.724.....Photophosphorylation
G03.295.770.....Proton-Motive Force
G03.295.770.500.....Membrane Potential, Mitochondrial
G03.295.835.....Substrate Cycling
G03.312.....Enterohepatic Circulation
G03.312.500.....Intestinal Reabsorption
G03.328.....Enzyme Activation
G03.344.....Esterification
G03.360.....Halogenation
G03.393.....Heterotrophic Processes
G03.409.....Hydrogenation
G03.425.....Hydroxylation
G03.458.....Lipid Metabolism
G03.458.249.....Lipogenesis
G03.458.500.....Lipolysis
G03.458.500.500.....Lipid Mobilization
G03.458.875.....Lipoylation
G03.490.....Metabolic Clearance Rate
G03.493.....Metabolic Networks and Pathways
G03.493.100.....Biosynthetic Pathways
G03.493.170.....Citric Acid Cycle
G03.493.350.....Electron Transport

## 2018 MeSH Tree Hierarchy

Tree location	
G03.493.360.....	Glycolysis
G03.493.485.....	Kallikrein-Kinin System
G03.493.560.....	MAP Kinase Signaling System
G03.493.628.....	Non-Neuronal Cholinergic System
G03.493.695.....	Pentose Phosphate Pathway
G03.493.700.....	Photosynthesis
G03.493.750.....	Protein Interaction Maps
G03.493.875.....	Secondary Metabolism
G03.500.....	Metabolome
G03.558.....	Nitrosation
G03.615.....	Osmoregulation
G03.615.500.....	Water-Electrolyte Balance
G03.615.500.500.....	Kallikrein-Kinin System
G03.615.500.750.....	Water Loss, Insensible
G03.673.....	Oxidative Stress
G03.673.345.....	Nitrosative Stress
G03.673.690.....	Protein Carbonylation
G03.680.....	Oxygen Consumption
G03.680.110.....	Anaerobic Threshold
G03.680.365.....	Metabolic Equivalent
G03.734.....	Peptide Biosynthesis
G03.734.050.....	Aminoacylation
G03.734.050.860.....	Transfer RNA Aminoacylation
G03.734.333.....	Peptide Biosynthesis, Nucleic Acid-Independent
G03.734.871.....	Protein Biosynthesis
G03.734.871.200.....	Frameshifting, Ribosomal
G03.734.871.640.....	Peptide Chain Elongation, Translational
G03.734.871.650.....	Peptide Chain Initiation, Translational
G03.734.871.720.....	Peptide Chain Termination, Translational
G03.734.871.790.....	Protein Modification, Translational
G03.734.871.790.600.....	Protein Processing, Post-Translational
G03.734.871.790.600.200.....	ADP-Ribosylation
G03.734.871.790.600.200.500.....	Poly ADP Ribosylation
G03.734.871.790.600.300.....	Citrullination
G03.734.871.790.600.400.....	Protein Prenylation
G03.734.871.790.600.700.....	Protein Splicing
G03.734.871.790.600.831.....	Ubiquitination
G03.734.871.790.600.831.500.....	Sumoylation
G03.734.871.790.600.850.....	Unfolded Protein Response
G03.734.871.790.600.850.500.....	Endoplasmic Reticulum-Associated Degradation
G03.734.871.850.....	Transfer RNA Aminoacylation

## 2018 MeSH Tree Hierarchy

Tree location
G03.787.....Pharmacokinetics
G03.787.024.....Absorption
G03.787.024.500.....Absorption, Physiological
G03.787.024.500.374.....Gastrointestinal Absorption
G03.787.024.500.374.249.....Gastric Absorption
G03.787.024.500.374.500.....Intestinal Absorption
G03.787.024.500.374.500.500.....Intestinal Reabsorption
G03.787.024.500.374.650.....Oral Mucosal Absorption
G03.787.024.500.374.825.....Rectal Absorption
G03.787.024.500.562.....Intramuscular Absorption
G03.787.024.500.656.....Ocular Absorption
G03.787.024.500.667.....Peritoneal Absorption
G03.787.024.500.679.....Renal Reabsorption
G03.787.024.500.703.....Respiratory Tract Absorption
G03.787.024.500.703.500.....Nasal Absorption
G03.787.024.500.750.....Skin Absorption
G03.787.024.500.875.....Subcutaneous Absorption
G03.787.024.500.937.....Vaginal Absorption
G03.787.101.....Area Under Curve
G03.787.151.....Biological Availability
G03.787.225.....Biotransformation
G03.787.225.224.....Activation, Metabolic
G03.787.225.450.....Inactivation, Metabolic
G03.787.225.450.500.....Metabolic Detoxication, Phase I
G03.787.225.450.750.....Metabolic Detoxication, Phase II
G03.787.273.....Cutaneous Elimination
G03.787.321.....Drug Liberation
G03.787.380.....Hepatobiliary Elimination
G03.787.383.....Intestinal Elimination
G03.787.387.....Lacrimal Elimination
G03.787.391.....Lacteal Elimination
G03.787.395.....Pulmonary Elimination
G03.787.410.....Renal Elimination
G03.787.440.....Salivary Elimination
G03.787.559.....Therapeutic Equivalency
G03.787.917.....Tissue Distribution
G03.796.....Phosphorylation
G03.796.550.....Oxidative Phosphorylation
G03.796.605.....Photophosphorylation
G03.800.....Phototrophic Processes
G03.800.700.....Photosynthesis

## 2018 MeSH Tree Hierarchy

Tree location
G03.800.700.700.....Photophosphorylation
G03.804.....Prenylation
G03.804.500.....Protein Prenylation
G03.808.....Protein Binding
G03.812.....Proteolysis
G03.816.....Proteostasis
G03.820.....Renin-Angiotensin System
G03.839.....RNA Processing, Post-Transcriptional
G03.839.112.....Nonsense Mediated mRNA Decay
G03.839.225.....RNA 3' End Processing
G03.839.225.710.....Polyadenylation
G03.839.250.....RNA Editing
G03.839.700.....RNA Splicing
G03.839.700.100.....Alternative Splicing
G03.839.700.750.....Trans-Splicing
G03.857.....Secretory Rate
G03.893.....Toxicokinetics
G04.....Cell Physiological Phenomena
G04.022.....Cell Adhesion
G04.043.....Cellular Senescence
G04.043.260.....Erythrocyte Aging
G04.043.630.....Telomere Shortening
G04.085.....Cell Communication
G04.085.100.....Autocrine Communication
G04.085.155.....Bystander Effect
G04.085.300.....Embryonic Induction
G04.085.600.....Paracrine Communication
G04.085.700.....Quorum Sensing
G04.128.....Cell Compartmentation
G04.128.180.....Chromosome Positioning
G04.140.....Cell Count
G04.140.107.....Blood Cell Count
G04.140.107.330.....Erythrocyte Count
G04.140.107.330.725.....Reticulocyte Count
G04.140.107.595.....Leukocyte Count
G04.140.107.595.500.....Lymphocyte Count
G04.140.107.595.500.150.....CD4 Lymphocyte Count
G04.140.107.595.500.150.160.....CD4-CD8 Ratio
G04.140.107.740.....Platelet Count
G04.140.870.....Sperm Count
G04.144.....Cell Cycle

## 2018 MeSH Tree Hierarchy

Tree location
G04.144.109.....Cell Cycle Checkpoints
G04.144.109.249.....G1 Phase Cell Cycle Checkpoints
G04.144.109.500.....G2 Phase Cell Cycle Checkpoints
G04.144.109.750.....M Phase Cell Cycle Checkpoints
G04.144.109.875.....S Phase Cell Cycle Checkpoints
G04.144.220.....Cell Division
G04.144.220.109.....Asymmetric Cell Division
G04.144.220.220.....Cell Nucleus Division
G04.144.220.220.625.....Chromosome Segregation
G04.144.220.220.687.....Meiosis
G04.144.220.220.687.222.....Anaphase
G04.144.220.220.687.444.....Meiotic Prophase I
G04.144.220.220.687.625.....Metaphase
G04.144.220.220.687.812.....Prometaphase
G04.144.220.220.687.883.....Prophase
G04.144.220.220.687.883.250.....Chromosome Pairing
G04.144.220.220.687.883.250.500.....Synaptonemal Complex
G04.144.220.220.687.883.750.....Pachytene Stage
G04.144.220.220.687.953.....Telophase
G04.144.220.220.781.....Mitosis
G04.144.220.220.781.050.....Anaphase
G04.144.220.220.781.337.....M Phase Cell Cycle Checkpoints
G04.144.220.220.781.625.....Metaphase
G04.144.220.220.781.812.....Prometaphase
G04.144.220.220.781.906.....Prophase
G04.144.220.220.781.906.250.....Chromosome Pairing
G04.144.220.220.781.906.250.500.....Synaptonemal Complex
G04.144.220.220.781.906.750.....Pachytene Stage
G04.144.220.220.781.953.....Telophase
G04.144.220.235.....Cell Self Renewal
G04.144.220.250.....Cytokinesis
G04.144.220.625.....Telomere Homeostasis
G04.144.500.....Interphase
G04.144.500.300.....Resting Phase, Cell Cycle
G04.144.500.320.....G1 Phase
G04.144.500.320.500.....G1 Phase Cell Cycle Checkpoints
G04.144.500.340.....G2 Phase
G04.144.500.340.500.....G2 Phase Cell Cycle Checkpoints
G04.144.500.800.....S Phase
G04.144.500.800.500.....S Phase Cell Cycle Checkpoints
G04.146.....Cell Death

## 2018 MeSH Tree Hierarchy

Tree location
G04.146.160.....Apoptosis
G04.146.160.060.....Anoikis
G04.146.160.295.....Eryptosis
G04.146.160.530.....Pyroptosis
G04.146.399.....Autophagy
G04.146.638.....Necrosis
G04.146.638.200.....DNA Degradation, Necrotic
G04.148.....Cell Dedifferentiation
G04.152.....Cell Differentiation
G04.152.149.....Adipogenesis
G04.152.224.....Asymmetric Cell Division
G04.152.262.....Cellular Reprogramming
G04.152.300.....Embryonic Induction
G04.152.650.....Gametogenesis
G04.152.650.240.....Gametogenesis, Plant
G04.152.650.249.....Oogenesis
G04.152.650.249.880.....Vitellogenesis
G04.152.650.624.....Spermatogenesis
G04.152.650.624.700.....Sperm Maturation
G04.152.825.....Hematopoiesis
G04.152.825.414.....Erythropoiesis
G04.152.825.463.....Hematopoiesis, Extramedullary
G04.152.825.597.....Leukopoiesis
G04.152.825.597.500.....Lymphopoiesis
G04.152.825.597.750.....Myelopoiesis
G04.152.825.798.....Thrombopoiesis
G04.152.912.....Neurogenesis
G04.152.912.750.....Neuronal Outgrowth
G04.152.912.750.250.....Axon Fasciculation
G04.152.912.750.500.....Axon Guidance
G04.155.....Cell Fusion
G04.161.....Cell Growth Processes
G04.161.500.....Cell Enlargement
G04.161.750.....Cell Proliferation
G04.161.750.500.....Cell Division
G04.161.750.500.249.....Asymmetric Cell Division
G04.161.750.500.375.....Cell Self Renewal
G04.161.750.500.500.....Telomere Homeostasis
G04.165.....Cell-in-Cell Formation
G04.165.249.....Cytophagocytosis
G04.165.500.....Emperipoiesis

## 2018 MeSH Tree Hierarchy

Tree location
G04.165.500.500.....Transcellular Cell Migration
G04.165.750.....Entosis
G04.172.....Cell Lineage
G04.175.....Cell Membrane Permeability
G04.198.....Cell Movement
G04.198.251.....Cell Aggregation
G04.198.337.....Cell Migration Inhibition
G04.198.424.....Chemotaxis
G04.198.424.233.....Chemotaxis, Leukocyte
G04.198.424.233.500.....Leukocyte Rolling
G04.198.700.....Ovum Transport
G04.198.750.....Sperm Motility
G04.198.800.....Sperm Transport
G04.198.900.....Transcellular Cell Migration
G04.198.950.....Transendothelial and Transepithelial Migration
G04.250.....Cell Polarity
G04.270.....Cell Respiration
G04.270.300.....Cell Hypoxia
G04.270.300.500.....Tumor Hypoxia
G04.270.620.....Respiratory Burst
G04.320.....Cell Shape
G04.325.....Cell Size
G04.325.500.....Mean Platelet Volume
G04.346.....Cell Survival
G04.356.....Cell Transdifferentiation
G04.356.250.....Cell Plasticity
G04.356.500.....Epithelial-Mesenchymal Transition
G04.366.....Cellular Microenvironment
G04.366.249.....Stem Cell Niche
G04.366.500.....Tumor Microenvironment
G04.375.....Clonal Evolution
G04.383.....Contact Inhibition
G04.392.....Cytoplasmic Streaming
G04.392.040.....Axonal Transport
G04.400.....DNA Packaging
G04.400.095.....Chromatin Assembly and Disassembly
G04.417.....Endocytosis
G04.417.350.....Phagocytosis
G04.417.350.091.....Autophagy
G04.417.350.545.....Cytophagocytosis
G04.417.370.....Pinocytosis



## 2018 MeSH Tree Hierarchy

Tree location
G04.417.685.....Transcytosis
G04.417.685.500.....Transcellular Cell Migration
G04.434.....Endoplasmic Reticulum Stress
G04.468.....Exocytosis
G04.468.160.....Cell Degranulation
G04.468.580.....Secretory Pathway
G04.468.790.....Transcytosis
G04.468.790.500.....Transcellular Cell Migration
G04.502.....Lymphocyte Cooperation
G04.570.....Membrane Fluidity
G04.575.....Membrane Fusion
G04.580.....Membrane Potentials
G04.580.100.....Action Potentials
G04.580.550.....Membrane Potential, Mitochondrial
G04.580.887.....Synaptic Potentials
G04.580.887.249.....Excitatory Postsynaptic Potentials
G04.580.887.374.....Inhibitory Postsynaptic Potentials
G04.580.887.500.....Miniature Postsynaptic Potentials
G04.580.887.750.....Postsynaptic Potential Summation
G04.590.....Mitochondrial Swelling
G04.599.....Mitochondrial Turnover
G04.599.500.....Mitochondrial Degradation
G04.599.750.....Mitochondrial Dynamics
G04.618.....Organelle Biogenesis
G04.655.....Organelle Shape
G04.655.270.....Cell Nucleus Shape
G04.670.....Organelle Size
G04.670.160.....Cell Nucleus Size
G04.670.560.....Mitochondrial Size
G04.712.....Radiation Tolerance
G04.712.500.....Dose-Response Relationship, Radiation
G04.753.....Re-Epithelialization
G04.774.....Receptor Aggregation
G04.774.612.....Immunologic Capping
G04.794.....Receptor Cross-Talk
G04.835.....Signal Transduction
G04.835.199.....Excitation Contraction Coupling
G04.835.400.....Ion Channel Gating
G04.835.480.....Light Signal Transduction
G04.835.480.900.....Vision, Ocular
G04.835.560.....MAP Kinase Signaling System

## 2018 MeSH Tree Hierarchy

Tree location	
G04.835.580.....	Mechanotransduction, Cellular
G04.835.690.....	Non-Neuronal Cholinergic System
G04.835.800.....	Second Messenger Systems
G04.835.800.100.....	Calcium Signaling
G04.835.850.....	Synaptic Transmission
G04.835.850.500.....	Postsynaptic Potential Summation
G04.835.925.....	Wnt Signaling Pathway
G05.....	Genetic Phenomena
G05.045.....	Biological Evolution
G05.045.125.....	Biological Coevolution
G05.045.250.....	Evolution, Molecular
G05.045.250.750.....	Mutation Rate
G05.045.300.....	Genetic Drift
G05.045.350.....	Genetic Speciation
G05.045.513.....	Life History Traits
G05.045.675.....	Reproductive Isolation
G05.090.....	Breeding
G05.090.390.....	Hybridization, Genetic
G05.090.403.....	Inbreeding
G05.090.403.180.....	Consanguinity
G05.090.403.590.....	Self-Fertilization
G05.090.701.....	Selective Breeding
G05.113.....	Cell Division
G05.113.109.....	Asymmetric Cell Division
G05.113.220.....	Cell Nucleus Division
G05.113.220.625.....	Chromosome Segregation
G05.113.220.625.620.....	Nondisjunction, Genetic
G05.113.220.687.....	Meiosis
G05.113.220.687.250.....	Anaphase
G05.113.220.687.500.....	Meiotic Prophase I
G05.113.220.687.625.....	Metaphase
G05.113.220.687.812.....	Prometaphase
G05.113.220.687.883.....	Prophase
G05.113.220.687.883.250.....	Chromosome Pairing
G05.113.220.687.883.250.500.....	Synaptonemal Complex
G05.113.220.687.883.750.....	Pachytene Stage
G05.113.220.687.953.....	Telophase
G05.113.220.781.....	Mitosis
G05.113.220.781.050.....	Anaphase
G05.113.220.781.338.....	M Phase Cell Cycle Checkpoints
G05.113.220.781.625.....	Metaphase

## 2018 MeSH Tree Hierarchy

Tree location
G05.113.220.781.812.....Prometaphase
G05.113.220.781.906.....Prophase
G05.113.220.781.906.250.....Chromosome Pairing
G05.113.220.781.906.250.500.....Synaptonemal Complex
G05.113.220.781.906.750.....Pachytene Stage
G05.113.220.781.953.....Telophase
G05.113.415.....Cell Self Renewal
G05.113.610.....Telomere Homeostasis
G05.135.....Cellular Reprogramming
G05.158.....Clonal Evolution
G05.180.....Consanguinity
G05.193.....DNA Cleavage
G05.200.....DNA Damage
G05.200.104.....DNA Adducts
G05.200.210.....DNA Breaks
G05.200.210.170.....Chromosome Breakage
G05.200.210.170.500.....Chromosome Breakpoints
G05.200.210.220.....DNA Breaks, Double-Stranded
G05.200.210.230.....DNA Breaks, Single-Stranded
G05.200.220.....DNA Degradation, Necrotic
G05.200.230.....DNA Fragmentation
G05.206.....DNA Methylation
G05.213.....DNA Packaging
G05.213.095.....Chromatin Assembly and Disassembly
G05.219.....DNA Repair
G05.219.200.....DNA End-Joining Repair
G05.219.220.....DNA Mismatch Repair
G05.219.700.....Recombinational DNA Repair
G05.219.830.....SOS Response (Genetics)
G05.226.....DNA Replication
G05.226.760.....DNA Replication Timing
G05.226.820.....Endoreduplication
G05.226.880.....S Phase
G05.226.940.....Telomere Shortening
G05.232.....DNA Transformation Competence
G05.285.....Founder Effect
G05.297.....Gene Expression
G05.297.670.....Protein Biosynthesis
G05.297.700.....Transcription, Genetic
G05.297.700.500.....Reverse Transcription
G05.297.700.562.....Transcription Elongation, Genetic

## 2018 MeSH Tree Hierarchy

Tree location
G05.297.700.625.....Transcription Initiation, Genetic
G05.297.700.687.....Transcription Termination, Genetic
G05.297.700.750.....Transcriptome
G05.308.....Gene Expression Regulation
G05.308.048.....Catabolite Repression
G05.308.095.....Chromatin Assembly and Disassembly
G05.308.200.....Down-Regulation
G05.308.202.....Ectopic Gene Expression
G05.308.203.....Epigenesis, Genetic
G05.308.203.124.....Chromosomal Position Effects
G05.308.203.249.....Dosage Compensation, Genetic
G05.308.203.249.970.....X Chromosome Inactivation
G05.308.203.311.....Epigenetic Repression
G05.308.203.374.....Gene Silencing
G05.308.203.374.394.....CRISPR-Cas Systems
G05.308.203.374.790.....RNA Interference
G05.308.203.500.....Genomic Imprinting
G05.308.207.....Epistasis, Genetic
G05.308.215.....Frameshifting, Ribosomal
G05.308.250.....Gene Amplification
G05.308.290.....Gene Expression Regulation, Archaeal
G05.308.300.....Gene Expression Regulation, Bacterial
G05.308.310.....Gene Expression Regulation, Developmental
G05.308.320.....Gene Expression Regulation, Enzymologic
G05.308.320.200.....Enzyme Induction
G05.308.320.300.....Enzyme Repression
G05.308.330.....Gene Expression Regulation, Fungal
G05.308.370.....Gene Expression Regulation, Neoplastic
G05.308.370.500.....Gene Expression Regulation, Leukemic
G05.308.375.....Gene Expression Regulation, Plant
G05.308.385.....Gene Expression Regulation, Viral
G05.308.670.....Protein Modification, Translational
G05.308.670.600.....Protein Processing, Post-Translational
G05.308.670.600.200.....ADP-Ribosylation
G05.308.670.600.200.500.....Poly ADP Ribosylation
G05.308.670.600.300.....Citrullination
G05.308.670.600.400.....Protein Prenylation
G05.308.670.600.700.....Protein Splicing
G05.308.670.600.831.....Ubiquitination
G05.308.670.600.831.500.....Sumoylation
G05.308.670.600.850.....Unfolded Protein Response

## 2018 MeSH Tree Hierarchy

Tree location	
G05.308.670.600.850.500.....	Endoplasmic Reticulum-Associated Degradation
G05.308.700.....	RNA Processing, Post-Transcriptional
G05.308.700.112.....	Nonsense Mediated mRNA Decay
G05.308.700.225.....	RNA 3' End Processing
G05.308.700.225.710.....	Polyadenylation
G05.308.700.250.....	RNA Editing
G05.308.700.700.....	RNA Splicing
G05.308.700.700.100.....	Alternative Splicing
G05.308.700.700.750.....	Trans-Splicing
G05.308.800.....	Transcriptional Activation
G05.308.850.....	Up-Regulation
G05.330.....	Gene Frequency
G05.330.159.....	Gene Flow
G05.330.320.....	Genetic Drift
G05.340.....	Gene Order
G05.342.....	Gene Pool
G05.344.....	Gene Rearrangement
G05.344.401.....	Gene Rearrangement, B-Lymphocyte
G05.344.401.501.....	Gene Rearrangement, B-Lymphocyte, Heavy Chain
G05.344.401.501.450.....	Immunoglobulin Class Switching
G05.344.401.601.....	Gene Rearrangement, B-Lymphocyte, Light Chain
G05.344.801.....	Gene Rearrangement, T-Lymphocyte
G05.344.801.111.....	Gene Rearrangement, alpha-Chain T-Cell Antigen Receptor
G05.344.801.211.....	Gene Rearrangement, beta-Chain T-Cell Antigen Receptor
G05.344.801.261.....	Gene Rearrangement, delta-Chain T-Cell Antigen Receptor
G05.344.801.311.....	Gene Rearrangement, gamma-Chain T-Cell Antigen Receptor
G05.344.900.....	V(D)J Recombination
G05.346.....	Genetic Background
G05.347.....	Genetic Fitness
G05.348.....	Genetic Linkage
G05.348.500.....	Linkage Disequilibrium
G05.348.750.....	Lod Score
G05.350.....	Genetic Load
G05.360.....	Genetic Structures
G05.360.080.....	Base Sequence
G05.360.080.040.....	AT Rich Sequence
G05.360.080.380.....	GC Rich Sequence
G05.360.080.380.160.....	CpG Islands
G05.360.080.534.....	Matrix Attachment Regions
G05.360.080.611.....	Nucleotide Motifs
G05.360.080.689.....	Regulatory Sequences, Nucleic Acid

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.080.689.330.....Enhancer Elements, Genetic
G05.360.080.689.330.240.....E-Box Elements
G05.360.080.689.330.400.....HIV Enhancer
G05.360.080.689.330.700.....Response Elements
G05.360.080.689.330.700.800.....Serum Response Element
G05.360.080.689.330.700.920.....Vitamin D Response Element
G05.360.080.689.360.....Gene Regulatory Networks
G05.360.080.689.390.....Insulator Elements
G05.360.080.689.450.....Locus Control Region
G05.360.080.689.650.....Operator Regions, Genetic
G05.360.080.689.675.....Promoter Regions, Genetic
G05.360.080.689.675.700.....Response Elements
G05.360.080.689.675.700.040.....Antioxidant Response Elements
G05.360.080.689.675.700.800.....Serum Response Element
G05.360.080.689.675.700.920.....Vitamin D Response Element
G05.360.080.689.675.850.....TATA Box
G05.360.080.689.687.....Regulatory Sequences, Ribonucleic Acid
G05.360.080.689.687.061.....AU Rich Elements
G05.360.080.689.687.093.....Internal Ribosome Entry Sites
G05.360.080.689.687.124.....Riboswitch
G05.360.080.689.687.249.....RNA 3' Polyadenylation Signals
G05.360.080.689.687.275.....RNA 5' Terminal Oligopyrimidine Sequence
G05.360.080.689.687.490.....RNA Splice Sites
G05.360.080.689.755.....Silencer Elements, Transcriptional
G05.360.080.689.810.....Terminator Regions, Genetic
G05.360.080.708.....Repetitive Sequences, Nucleic Acid
G05.360.080.708.330.....Interspersed Repetitive Sequences
G05.360.080.708.330.200.....DNA Transposable Elements
G05.360.080.708.330.330.....Genomic Islands
G05.360.080.708.330.800.....Retroelements
G05.360.080.708.330.800.175.....Endogenous Retroviruses
G05.360.080.708.330.800.200.....Genes, Intracisternal A-Particle
G05.360.080.708.330.800.400.....Long Interspersed Nucleotide Elements
G05.360.080.708.330.800.800.....Short Interspersed Nucleotide Elements
G05.360.080.708.330.800.800.050.....Alu Elements
G05.360.080.708.565.....Segmental Duplications, Genomic
G05.360.080.708.800.....Tandem Repeat Sequences
G05.360.080.708.800.074.....DNA Repeat Expansion
G05.360.080.708.800.074.865.....Trinucleotide Repeat Expansion
G05.360.080.708.800.150.....DNA, Satellite
G05.360.080.708.800.325.....Inverted Repeat Sequences

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.080.708.800.325.500.....Clustered Regularly Interspaced Short Palindromic Repeats
G05.360.080.708.800.500.....Microsatellite Repeats
G05.360.080.708.800.500.150.....Dinucleotide Repeats
G05.360.080.708.800.500.850.....Trinucleotide Repeats
G05.360.080.708.800.500.850.200.....Trinucleotide Repeat Expansion
G05.360.080.708.800.550.....Minisatellite Repeats
G05.360.080.708.850.....Terminal Repeat Sequences
G05.360.080.708.850.400.....HIV Long Terminal Repeat
G05.360.080.708.850.400.400.....HIV Enhancer
G05.360.160.....Chromosome Structures
G05.360.160.165.....Centromere
G05.360.160.165.500.....Kinetochores
G05.360.160.175.....Chromatids
G05.360.160.180.....Chromatin
G05.360.160.180.270.....Euchromatin
G05.360.160.180.383.....Heterochromatin
G05.360.160.180.383.800.....Sex Chromatin
G05.360.160.180.625.....Nucleosomes
G05.360.160.650.....Nucleolus Organizer Region
G05.360.160.830.....Synaptonemal Complex
G05.360.160.845.....Telomere
G05.360.162.....Chromosomes
G05.360.162.167.....Chromosomes, Archaeal
G05.360.162.178.....Chromosomes, Artificial
G05.360.162.178.170.....Chromosomes, Artificial, Bacterial
G05.360.162.178.190.....Chromosomes, Artificial, Mammalian
G05.360.162.178.190.117.....Chromosomes, Artificial, Human
G05.360.162.178.195.....Chromosomes, Artificial, P1 Bacteriophage
G05.360.162.178.200.....Chromosomes, Artificial, Yeast
G05.360.162.190.....Chromosomes, Bacterial
G05.360.162.190.170.....Chromosomes, Artificial, Bacterial
G05.360.162.360.....Chromosomes, Fungal
G05.360.162.360.800.....Chromosomes, Artificial, Yeast
G05.360.162.440.....Chromosomes, Insect
G05.360.162.440.500.....Polytene Chromosomes
G05.360.162.520.....Chromosomes, Mammalian
G05.360.162.520.190.....Chromosomes, Artificial, Mammalian
G05.360.162.520.190.117.....Chromosomes, Artificial, Human
G05.360.162.520.300.....Chromosomes, Human
G05.360.162.520.300.117.....Chromosomes, Artificial, Human
G05.360.162.520.300.235.....Chromosomes, Human, 1-3

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.162.520.300.235.240.....Chromosomes, Human, Pair 1
G05.360.162.520.300.235.245.....Chromosomes, Human, Pair 2
G05.360.162.520.300.235.250.....Chromosomes, Human, Pair 3
G05.360.162.520.300.280.....Chromosomes, Human, 4-5
G05.360.162.520.300.280.285.....Chromosomes, Human, Pair 4
G05.360.162.520.300.280.290.....Chromosomes, Human, Pair 5
G05.360.162.520.300.325.....Chromosomes, Human, 6-12 and X
G05.360.162.520.300.325.330.....Chromosomes, Human, Pair 6
G05.360.162.520.300.325.335.....Chromosomes, Human, Pair 7
G05.360.162.520.300.325.340.....Chromosomes, Human, Pair 8
G05.360.162.520.300.325.345.....Chromosomes, Human, Pair 9
G05.360.162.520.300.325.345.700.....Philadelphia Chromosome
G05.360.162.520.300.325.350.....Chromosomes, Human, Pair 10
G05.360.162.520.300.325.355.....Chromosomes, Human, Pair 11
G05.360.162.520.300.325.360.....Chromosomes, Human, Pair 12
G05.360.162.520.300.325.680.....Chromosomes, Human, X
G05.360.162.520.300.370.....Chromosomes, Human, 13-15
G05.360.162.520.300.370.375.....Chromosomes, Human, Pair 13
G05.360.162.520.300.370.380.....Chromosomes, Human, Pair 14
G05.360.162.520.300.370.385.....Chromosomes, Human, Pair 15
G05.360.162.520.300.415.....Chromosomes, Human, 16-18
G05.360.162.520.300.415.420.....Chromosomes, Human, Pair 16
G05.360.162.520.300.415.425.....Chromosomes, Human, Pair 17
G05.360.162.520.300.415.430.....Chromosomes, Human, Pair 18
G05.360.162.520.300.460.....Chromosomes, Human, 19-20
G05.360.162.520.300.460.465.....Chromosomes, Human, Pair 19
G05.360.162.520.300.460.470.....Chromosomes, Human, Pair 20
G05.360.162.520.300.505.....Chromosomes, Human, 21-22 and Y
G05.360.162.520.300.505.510.....Chromosomes, Human, Pair 21
G05.360.162.520.300.505.515.....Chromosomes, Human, Pair 22
G05.360.162.520.300.505.515.700.....Philadelphia Chromosome
G05.360.162.520.300.505.757.....Chromosomes, Human, Y
G05.360.162.560.....Chromosomes, Plant
G05.360.162.570.....Isochromosomes
G05.360.162.679.....Karyotype
G05.360.162.679.500.....Abnormal Karyotype
G05.360.162.679.500.500.....XYY Karyotype
G05.360.162.788.....Ring Chromosomes
G05.360.162.865.....Sex Chromosomes
G05.360.162.865.400.....Pseudoautosomal Regions
G05.360.162.865.800.....Sex Chromatin



## 2018 MeSH Tree Hierarchy

Tree location
G05.360.162.865.982.....X Chromosome
G05.360.162.865.982.500.....Chromosomes, Human, X
G05.360.162.865.983.....Y Chromosome
G05.360.162.865.983.500.....Chromosomes, Human, Y
G05.360.325.....Gene Library
G05.360.325.425.....Genomic Library
G05.360.325.640.....Peptide Library
G05.360.335.....Genetic Code
G05.360.335.060.....Anticodon
G05.360.335.355.....Codon
G05.360.335.355.225.....Codon, Initiator
G05.360.335.355.250.....Codon, Terminator
G05.360.335.355.250.235.....Codon, Nonsense
G05.360.335.760.....Reading Frames
G05.360.335.760.640.....Open Reading Frames
G05.360.337.....Genetic Vectors
G05.360.337.249.....Chromosomes, Artificial
G05.360.337.249.170.....Chromosomes, Artificial, Bacterial
G05.360.337.249.190.....Chromosomes, Artificial, Mammalian
G05.360.337.249.190.117.....Chromosomes, Artificial, Human
G05.360.337.249.195.....Chromosomes, Artificial, P1 Bacteriophage
G05.360.337.249.200.....Chromosomes, Artificial, Yeast
G05.360.337.500.....Cosmids
G05.360.340.....Genome
G05.360.340.011.....Exome
G05.360.340.024.....Genome Components
G05.360.340.024.079.....Attachment Sites, Microbiological
G05.360.340.024.159.....CpG Islands
G05.360.340.024.189.....DNA Sequence, Unstable
G05.360.340.024.189.220.....DNA Repeat Expansion
G05.360.340.024.189.220.865.....Trinucleotide Repeat Expansion
G05.360.340.024.189.610.....Chromosome Fragile Sites
G05.360.340.024.220.....DNA, Intergenic
G05.360.340.024.220.150.....DNA, Satellite
G05.360.340.024.220.280.....3' Flanking Region
G05.360.340.024.220.282.....5' Flanking Region
G05.360.340.024.220.400.....Introns
G05.360.340.024.220.760.....Replication Origin
G05.360.340.024.220.880.....Untranslated Regions
G05.360.340.024.220.880.880.....3' Untranslated Regions
G05.360.340.024.220.880.880.500.....AU Rich Elements

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.024.220.880.885.....5' Untranslated Regions
G05.360.340.024.340.....Genes
G05.360.340.024.340.030.....Alleles
G05.360.340.024.340.137.....Gene Components
G05.360.340.024.340.137.190.....Codon
G05.360.340.024.340.137.190.225.....Codon, Initiator
G05.360.340.024.340.137.190.250.....Codon, Terminator
G05.360.340.024.340.137.232.....Exons
G05.360.340.024.340.137.232.459.....Hinge Exons
G05.360.340.024.340.137.232.920.....VDJ Exons
G05.360.340.024.340.137.275.....Expressed Sequence Tags
G05.360.340.024.340.137.290.....3' Flanking Region
G05.360.340.024.340.137.295.....5' Flanking Region
G05.360.340.024.340.137.430.....Immunoglobulin Switch Region
G05.360.340.024.340.137.515.....Introns
G05.360.340.024.340.137.650.....Open Reading Frames
G05.360.340.024.340.137.750.....Regulatory Elements, Transcriptional
G05.360.340.024.340.137.750.249.....Enhancer Elements, Genetic
G05.360.340.024.340.137.750.249.240.....E-Box Elements
G05.360.340.024.340.137.750.249.400.....HIV Enhancer
G05.360.340.024.340.137.750.249.765.....Response Elements
G05.360.340.024.340.137.750.249.765.800.....Serum Response Element
G05.360.340.024.340.137.750.249.765.920.....Vitamin D Response Element
G05.360.340.024.340.137.750.680.....Promoter Regions, Genetic
G05.360.340.024.340.137.750.680.765.....Response Elements
G05.360.340.024.340.137.750.680.765.040.....Antioxidant Response Elements
G05.360.340.024.340.137.750.680.765.800.....Serum Response Element
G05.360.340.024.340.137.750.680.765.920.....Vitamin D Response Element
G05.360.340.024.340.137.750.680.850.....TATA Box
G05.360.340.024.340.137.750.830.....Terminator Regions, Genetic
G05.360.340.024.340.137.750.840.....Transcription Initiation Site
G05.360.340.024.340.137.775.....RNA 3' Polyadenylation Signals
G05.360.340.024.340.137.785.....RNA 5' Terminal Oligopyrimidine Sequence
G05.360.340.024.340.137.800.....RNA Splice Sites
G05.360.340.024.340.137.910.....Untranslated Regions
G05.360.340.024.340.137.910.880.....3' Untranslated Regions
G05.360.340.024.340.137.910.880.500.....AU Rich Elements
G05.360.340.024.340.137.910.885.....5' Untranslated Regions
G05.360.340.024.340.220.....Genes, cdc
G05.360.340.024.340.225.....Genes, Chloroplast
G05.360.340.024.340.230.....Genes, Developmental

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.024.340.230.500.....Genes, Homeobox
G05.360.340.024.340.240.....Genes, Dominant
G05.360.340.024.340.250.....Genes, Duplicate
G05.360.340.024.340.270.....Genes, Essential
G05.360.340.024.340.310.....Genes, Helminth
G05.360.340.024.340.330.....Genes, Immediate-Early
G05.360.340.024.340.335.....Genes, Immunoglobulin
G05.360.340.024.340.335.300.....Genes, Immunoglobulin Heavy Chain
G05.360.340.024.340.335.300.249.....Hinge Exons
G05.360.340.024.340.335.300.500.....Immunoglobulin Switch Region
G05.360.340.024.340.335.310.....Genes, Immunoglobulin Light Chain
G05.360.340.024.340.335.655.....VDJ Exons
G05.360.340.024.340.340.....Genes, Insect
G05.360.340.024.340.350.....Genes, Lethal
G05.360.340.024.340.361.....Genes, MDR
G05.360.340.024.340.364.....Genes, Microbial
G05.360.340.024.340.364.124.....Genes, Archaeal
G05.360.340.024.340.364.249.....Genes, Bacterial
G05.360.340.024.340.364.500.....Genes, Fungal
G05.360.340.024.340.364.500.089.....Genes, Mating Type, Fungal
G05.360.340.024.340.364.875.....Genes, Viral
G05.360.340.024.340.364.875.172.....Genes, env
G05.360.340.024.340.364.875.258.....Genes, gag
G05.360.340.024.340.364.875.345.....Genes, Immediate-Early
G05.360.340.024.340.364.875.360.....Genes, Intracisternal A-Particle
G05.360.340.024.340.364.875.600.....Genes, nef
G05.360.340.024.340.364.875.667.....Genes, pol
G05.360.340.024.340.364.875.735.....Genes, pX
G05.360.340.024.340.364.875.775.....Genes, rev
G05.360.340.024.340.364.875.850.....Genes, tat
G05.360.340.024.340.364.875.890.....Genes, vif
G05.360.340.024.340.364.875.897.....Genes, vpr
G05.360.340.024.340.364.875.900.....Genes, vpu
G05.360.340.024.340.365.....Genes, Mitochondrial
G05.360.340.024.340.370.....Genes, Modifier
G05.360.340.024.340.375.....Genes, Neoplasm
G05.360.340.024.340.375.249.....Genes, Tumor Suppressor
G05.360.340.024.340.375.249.050.....Genes, APC
G05.360.340.024.340.375.249.100.....Genes, BRCA1
G05.360.340.024.340.375.249.105.....Genes, BRCA2
G05.360.340.024.340.375.249.200.....Genes, DCC

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.024.340.375.249.320.....Genes, MCC
G05.360.340.024.340.375.249.340.....Genes, Neurofibromatosis 1
G05.360.340.024.340.375.249.345.....Genes, Neurofibromatosis 2
G05.360.340.024.340.375.249.375.....Genes, p16
G05.360.340.024.340.375.249.385.....Genes, p53
G05.360.340.024.340.375.249.400.....Genes, Retinoblastoma
G05.360.340.024.340.375.249.420.....Genes, Wilms Tumor
G05.360.340.024.340.375.500.....Oncogenes
G05.360.340.024.340.375.500.791.....Proto-Oncogenes
G05.360.340.024.340.375.500.791.100.....Genes, abl
G05.360.340.024.340.375.500.791.148.....Genes, bcl-1
G05.360.340.024.340.375.500.791.150.....Genes, bcl-2
G05.360.340.024.340.375.500.791.290.....Genes, erbA
G05.360.340.024.340.375.500.791.295.....Genes, erbB
G05.360.340.024.340.375.500.791.295.300.....Genes, erbB-1
G05.360.340.024.340.375.500.791.295.305.....Genes, erbB-2
G05.360.340.024.340.375.500.791.325.....Genes, fms
G05.360.340.024.340.375.500.791.330.....Genes, fos
G05.360.340.024.340.375.500.791.365.....Genes, jun
G05.360.340.024.340.375.500.791.400.....Genes, mos
G05.360.340.024.340.375.500.791.418.....Genes, myb
G05.360.340.024.340.375.500.791.420.....Genes, myc
G05.360.340.024.340.375.500.791.550.....Genes, ras
G05.360.340.024.340.375.500.791.552.....Genes, rel
G05.360.340.024.340.375.500.791.560.....Genes, sis
G05.360.340.024.340.375.500.791.570.....Genes, src
G05.360.340.024.340.385.....Genes, Overlapping
G05.360.340.024.340.385.600.....Nested Genes
G05.360.340.024.340.393.....Genes, Plant
G05.360.340.024.340.396.....Genes, Protozoan
G05.360.340.024.340.400.....Genes, RAG-1
G05.360.340.024.340.415.....Genes, Recessive
G05.360.340.024.340.415.400.....Genes, Tumor Suppressor
G05.360.340.024.340.415.400.050.....Genes, APC
G05.360.340.024.340.415.400.100.....Genes, BRCA1
G05.360.340.024.340.415.400.105.....Genes, BRCA2
G05.360.340.024.340.415.400.200.....Genes, DCC
G05.360.340.024.340.415.400.320.....Genes, MCC
G05.360.340.024.340.415.400.340.....Genes, Neurofibromatosis 1
G05.360.340.024.340.415.400.345.....Genes, Neurofibromatosis 2
G05.360.340.024.340.415.400.375.....Genes, p16

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.024.340.415.400.385.....Genes, p53
G05.360.340.024.340.415.400.400.....Genes, Retinoblastoma
G05.360.340.024.340.415.400.420.....Genes, Wilms Tumor
G05.360.340.024.340.425.....Genes, Regulator
G05.360.340.024.340.425.412.....Genes, araC
G05.360.340.024.340.425.413.....Genes, nef
G05.360.340.024.340.425.416.....Genes, pX
G05.360.340.024.340.425.418.....Genes, rev
G05.360.340.024.340.425.420.....Genes, Switch
G05.360.340.024.340.425.560.....Genes, tat
G05.360.340.024.340.425.575.....Genes, vif
G05.360.340.024.340.425.578.....Genes, vpr
G05.360.340.024.340.425.580.....Genes, vpu
G05.360.340.024.340.435.....Genes, Reporter
G05.360.340.024.340.450.....Genes, sry
G05.360.340.024.340.460.....Genes, Suppressor
G05.360.340.024.340.465.....Genes, Synthetic
G05.360.340.024.340.475.....Genes, T-Cell Receptor
G05.360.340.024.340.475.050.....Genes, T-Cell Receptor alpha
G05.360.340.024.340.475.080.....Genes, T-Cell Receptor beta
G05.360.340.024.340.475.240.....Genes, T-Cell Receptor delta
G05.360.340.024.340.475.400.....Genes, T-Cell Receptor gamma
G05.360.340.024.340.500.....Genes, X-Linked
G05.360.340.024.340.515.....Genes, Y-Linked
G05.360.340.024.340.610.....Major Histocompatibility Complex
G05.360.340.024.340.610.595.....Genes, MHC Class I
G05.360.340.024.340.610.600.....Genes, MHC Class II
G05.360.340.024.340.645.....Multigene Family
G05.360.340.024.340.645.500.....Genes, MDR
G05.360.340.024.340.645.750.....Genes, rRNA
G05.360.340.024.340.700.....Pseudogenes
G05.360.340.024.340.825.....Transgenes
G05.360.340.024.340.825.500.....Genes, Transgenic, Suicide
G05.360.340.024.380.....Genetic Loci
G05.360.340.024.380.124.....Achaete-Scute Complex Genome Region
G05.360.340.024.380.249.....Locus Control Region
G05.360.340.024.380.500.....Major Histocompatibility Complex
G05.360.340.024.380.500.595.....Genes, MHC Class I
G05.360.340.024.380.500.600.....Genes, MHC Class II
G05.360.340.024.380.625.....Minor Histocompatibility Loci
G05.360.340.024.380.750.....Minor Lymphocyte Stimulatory Loci

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.024.380.875.....Nucleolus Organizer Region
G05.360.340.024.380.906.....Pseudoautosomal Regions
G05.360.340.024.380.937.....Quantitative Trait Loci
G05.360.340.024.380.968.....t-Complex Genome Region
G05.360.340.024.420.....Insulator Elements
G05.360.340.024.425.....Interspersed Repetitive Sequences
G05.360.340.024.425.200.....DNA Transposable Elements
G05.360.340.024.425.500.....Genomic Islands
G05.360.340.024.425.800.....Retroelements
G05.360.340.024.425.800.175.....Endogenous Retroviruses
G05.360.340.024.425.800.200.....Genes, Intracisternal A-Particle
G05.360.340.024.425.800.400.....Long Interspersed Nucleotide Elements
G05.360.340.024.425.800.800.....Short Interspersed Nucleotide Elements
G05.360.340.024.425.800.800.050.....Alu Elements
G05.360.340.024.430.....Isochores
G05.360.340.024.686.....Operon
G05.360.340.024.686.545.....Lac Operon
G05.360.340.024.686.645.....Operator Regions, Genetic
G05.360.340.024.686.817.....rRNA Operon
G05.360.340.024.742.....Regulon
G05.360.340.024.745.....Replicon
G05.360.340.024.745.725.....Replication Origin
G05.360.340.024.810.....Sequence Tagged Sites
G05.360.340.024.815.....Silencer Elements, Transcriptional
G05.360.340.024.850.....Tandem Repeat Sequences
G05.360.340.024.850.069.....Clustered Regularly Interspaced Short Palindromic Repeats
G05.360.340.024.850.140.....DNA Repeat Expansion
G05.360.340.024.850.150.....DNA, Satellite
G05.360.340.024.850.500.....Microsatellite Repeats
G05.360.340.024.850.500.150.....Dinucleotide Repeats
G05.360.340.024.850.500.850.....Trinucleotide Repeats
G05.360.340.024.850.500.850.200.....Trinucleotide Repeat Expansion
G05.360.340.024.850.550.....Minisatellite Repeats
G05.360.340.037.....Genome Size
G05.360.340.337.....Genome, Helminth
G05.360.340.337.500.....Genes, Helminth
G05.360.340.350.....Genome, Human
G05.360.340.357.....Genome, Insect
G05.360.340.357.500.....Genes, Insect
G05.360.340.358.....Genome, Microbial
G05.360.340.358.024.....Genes, Microbial

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.358.024.124.....Genes, Archaeal
G05.360.340.358.024.249.....Genes, Bacterial
G05.360.340.358.024.500.....Genes, Fungal
G05.360.340.358.024.500.089.....Genes, Mating Type, Fungal
G05.360.340.358.024.875.....Genes, Viral
G05.360.340.358.024.875.172.....Genes, env
G05.360.340.358.024.875.258.....Genes, gag
G05.360.340.358.024.875.345.....Genes, Immediate-Early
G05.360.340.358.024.875.360.....Genes, Intracisternal A-Particle
G05.360.340.358.024.875.600.....Genes, nef
G05.360.340.358.024.875.667.....Genes, pol
G05.360.340.358.024.875.735.....Genes, pX
G05.360.340.358.024.875.775.....Genes, rev
G05.360.340.358.024.875.850.....Genes, tat
G05.360.340.358.024.875.890.....Genes, vif
G05.360.340.358.024.875.897.....Genes, vpr
G05.360.340.358.024.875.900.....Genes, vpu
G05.360.340.358.050.....Genome, Archaeal
G05.360.340.358.050.500.....Genes, Archaeal
G05.360.340.358.207.....Genome, Bacterial
G05.360.340.358.207.249.....Genes, Bacterial
G05.360.340.358.207.500.....Operon
G05.360.340.358.207.500.545.....Lac Operon
G05.360.340.358.207.500.645.....Operator Regions, Genetic
G05.360.340.358.207.500.817.....rRNA Operon
G05.360.340.358.365.....Genome, Fungal
G05.360.340.358.365.500.....Genes, Fungal
G05.360.340.358.365.500.089.....Genes, Mating Type, Fungal
G05.360.340.358.840.....Genome, Viral
G05.360.340.358.840.500.....Genes, Viral
G05.360.340.358.840.500.172.....Genes, env
G05.360.340.358.840.500.258.....Genes, gag
G05.360.340.358.840.500.345.....Genes, Immediate-Early
G05.360.340.358.840.500.360.....Genes, Intracisternal A-Particle
G05.360.340.358.840.500.600.....Genes, nef
G05.360.340.358.840.500.667.....Genes, pol
G05.360.340.358.840.500.735.....Genes, pX
G05.360.340.358.840.500.775.....Genes, rev
G05.360.340.358.840.500.850.....Genes, tat
G05.360.340.358.840.500.890.....Genes, vif
G05.360.340.358.840.500.897.....Genes, vpr

## 2018 MeSH Tree Hierarchy

Tree location
G05.360.340.358.840.500.900.....Genes, vpu
G05.360.340.360.....Genome, Mitochondrial
G05.360.340.365.....Genome, Plant
G05.360.340.365.500.....Genes, Plant
G05.360.340.370.....Genome, Plastid
G05.360.340.370.200.....Genome, Chloroplast
G05.360.340.397.....Genome, Protozoan
G05.360.340.397.500.....Genes, Protozoan
G05.360.340.425.....Genomic Library
G05.360.340.550.....Metagenome
G05.360.360.....Histone Code
G05.360.580.....Nucleic Acid Conformation
G05.360.580.100.....Base Pairing
G05.360.580.114.....DNA, A-Form
G05.360.580.121.....DNA, B-Form
G05.360.580.128.....DNA, C-Form
G05.360.580.156.....DNA, Circular
G05.360.580.156.084.....DNA, Catenated
G05.360.580.156.250.....DNA, Superhelical
G05.360.580.212.....DNA, Concatenated
G05.360.580.325.....DNA, Cruciform
G05.360.580.437.....DNA, Single-Stranded
G05.360.580.493.....DNA, Z-Form
G05.360.580.550.....G-Quadruplexes
G05.360.580.662.....Nucleotide Motifs
G05.360.580.718.....RNA Folding
G05.360.580.775.....RNA, Double-Stranded
G05.360.600.....Plasmids
G05.360.600.080.....Bacteriocin Plasmids
G05.360.600.250.....Cosmids
G05.360.600.300.....F Factor
G05.360.600.430.....Hemolysin Factors
G05.360.600.500.....Lactose Factors
G05.360.600.550.....Plant Tumor-Inducing Plasmids
G05.360.600.600.....R Factors
G05.360.840.....Templates, Genetic
G05.360.920.....Transcriptome
G05.365.....Genetic Variation
G05.365.036.....Antibody Diversity
G05.365.073.....Antigenic Variation
G05.365.331.....Genetic Heterogeneity



## 2018 MeSH Tree Hierarchy

Tree location
G05.365.590.....Mutation
G05.365.590.029.....Allelic Imbalance
G05.365.590.029.530.....Loss of Heterozygosity
G05.365.590.029.530.175.....Chromosome Deletion
G05.365.590.029.530.587.....Haploinsufficiency
G05.365.590.060.....Base Pair Mismatch
G05.365.590.175.....Chromosome Aberrations
G05.365.590.175.024.....Abnormal Karyotype
G05.365.590.175.024.500.....XYY Karyotype
G05.365.590.175.050.....Aneuploidy
G05.365.590.175.050.500.....Monosomy
G05.365.590.175.050.500.500.....Chromosome Deletion
G05.365.590.175.050.625.....Tetrasomy
G05.365.590.175.050.750.....Trisomy
G05.365.590.175.125.....Chimerism
G05.365.590.175.165.....Chromosomal Instability
G05.365.590.175.165.180.....Chromosome Fragility
G05.365.590.175.175.....Chromosome Breakage
G05.365.590.175.183.....Chromosome Duplication
G05.365.590.175.183.249.....Tetrasomy
G05.365.590.175.183.500.....Trisomy
G05.365.590.175.190.....Chromosome Inversion
G05.365.590.175.310.....Chromothripsis
G05.365.590.175.430.....Isochromosomes
G05.365.590.175.570.....Micronuclei, Chromosome-Defective
G05.365.590.175.595.....Mosaicism
G05.365.590.175.677.....Polyploidy
G05.365.590.175.677.249.....Tetraploidy
G05.365.590.175.677.500.....Triploidy
G05.365.590.175.760.....Ring Chromosomes
G05.365.590.175.815.....Sex Chromosome Aberrations
G05.365.590.175.815.970.....XYY Karyotype
G05.365.590.175.870.....Translocation, Genetic
G05.365.590.175.870.680.....Philadelphia Chromosome
G05.365.590.175.935.....Uniparental Disomy
G05.365.590.195.....Codon, Nonsense
G05.365.590.220.....DNA Repeat Expansion
G05.365.590.220.865.....Trinucleotide Repeat Expansion
G05.365.590.265.....Frameshift Mutation
G05.365.590.288.....Gain of Function Mutation
G05.365.590.310.....Gene Amplification

## 2018 MeSH Tree Hierarchy

Tree location
G05.365.590.320.....Gene Duplication
G05.365.590.335.....Genomic Instability
G05.365.590.335.590.....Microsatellite Instability
G05.365.590.350.....Germ-Line Mutation
G05.365.590.500.....INDEL Mutation
G05.365.590.538.....Loss of Function Mutation
G05.365.590.575.....Mutagenesis, Insertional
G05.365.590.594.....Mutation Accumulation
G05.365.590.612.....Mutation Rate
G05.365.590.650.....Mutation, Missense
G05.365.590.675.....Point Mutation
G05.365.590.762.....Sequence Deletion
G05.365.590.762.180.....Chromosome Deletion
G05.365.590.762.320.....Gene Deletion
G05.365.590.770.....Sequence Inversion
G05.365.590.770.500.....Chromosome Inversion
G05.365.590.803.....Silent Mutation
G05.365.590.835.....Suppression, Genetic
G05.365.590.917.....Synthetic Lethal Mutations
G05.365.795.....Polymorphism, Genetic
G05.365.795.297.....Genomic Structural Variation
G05.365.795.297.500.....DNA Copy Number Variations
G05.365.795.446.....Pharmacogenomic Variants
G05.365.795.595.....Polymorphism, Restriction Fragment Length
G05.365.795.598.....Polymorphism, Single Nucleotide
G05.365.795.600.....Polymorphism, Single-Stranded Conformational
G05.365.897.....Quasispecies
G05.370.....Genomic Instability
G05.370.180.....Chromosomal Instability
G05.370.180.180.....Chromosome Fragility
G05.370.590.....Microsatellite Instability
G05.380.....Genotype
G05.380.350.....Gene Dosage
G05.380.350.500.....Haploinsufficiency
G05.380.355.....Genetic Predisposition to Disease
G05.380.360.....Haplotypes
G05.380.371.....Hemizygote
G05.380.383.....Heterozygote
G05.380.554.....Homozygote
G05.390.....Heredity
G05.400.....Hybrid Vigor

## 2018 MeSH Tree Hierarchy

Tree location
G05.410.....Inbreeding Depression
G05.420.....Inheritance Patterns
G05.420.040.....Anticipation, Genetic
G05.420.275.....Extrachromosomal Inheritance
G05.420.275.249.....Genes, Chloroplast
G05.420.275.500.....Genes, Mitochondrial
G05.420.275.750.....Maternal Inheritance
G05.420.320.....Genes, Dominant
G05.420.325.....Genes, Recessive
G05.420.457.....Genes, X-Linked
G05.420.523.....Genes, Y-Linked
G05.420.556.....Genetic Pleiotropy
G05.420.590.....Multifactorial Inheritance
G05.420.623.....Paternal Inheritance
G05.420.655.....Penetrance
G05.420.720.....Quantitative Trait, Heritable
G05.545.....Molecular Mimicry
G05.558.....Mutagenesis
G05.558.109.....Amino Acid Substitution
G05.558.164.....Chromosome Duplication
G05.558.220.....DNA Repeat Expansion
G05.558.220.865.....Trinucleotide Repeat Expansion
G05.558.315.....Gene Amplification
G05.558.320.....Gene Duplication
G05.558.370.....INDEL Mutation
G05.558.550.....Mutagenesis, Insertional
G05.558.620.....Nondisjunction, Genetic
G05.558.800.....Sequence Deletion
G05.558.800.180.....Chromosome Deletion
G05.558.800.320.....Gene Deletion
G05.558.805.....Sequence Inversion
G05.558.805.500.....Chromosome Inversion
G05.558.810.....Somatic Hypermutation, Immunoglobulin
G05.558.835.....Suppression, Genetic
G05.558.860.....Translocation, Genetic
G05.627.....Nucleic Acid Denaturation
G05.695.....Phenotype
G05.695.200.....Ecotype
G05.695.224.....Endophenotypes
G05.695.337.....Gene-Environment Interaction
G05.695.450.....Genetic Markers

## 2018 MeSH Tree Hierarchy

Tree location	
G05.695.550.....	Genetic Pleiotropy
G05.695.650.....	Penetrance
G05.695.825.....	Serogroup
G05.697.....	Phylogeny
G05.700.....	Ploidies
G05.700.131.....	Aneuploidy
G05.700.131.500.....	Monosomy
G05.700.131.500.500.....	Chromosome Deletion
G05.700.131.625.....	Tetrasomy
G05.700.131.750.....	Trisomy
G05.700.264.....	Diploidy
G05.700.456.....	Haploidy
G05.700.740.....	Polyploidy
G05.700.740.249.....	Tetraploidy
G05.700.740.500.....	Triploidy
G05.728.....	Recombination, Genetic
G05.728.200.....	Conjugation, Genetic
G05.728.385.....	Gene Fusion
G05.728.385.500.....	Oncogene Fusion
G05.728.390.....	Gene Transfer, Horizontal
G05.728.615.....	Homologous Recombination
G05.728.615.200.....	Crossing Over, Genetic
G05.728.615.475.....	Gene Conversion
G05.728.615.612.....	Recombinational DNA Repair
G05.728.615.750.....	Sister Chromatid Exchange
G05.728.850.....	Transduction, Genetic
G05.728.860.....	Transfection
G05.728.860.500.....	Transformation, Bacterial
G05.728.865.....	Transformation, Genetic
G05.728.865.820.....	Transformation, Bacterial
G05.728.932.....	V(D)J Recombination
G05.755.....	RNA Cleavage
G05.783.....	Selection, Genetic
G05.810.....	Sequence Homology
G05.810.200.....	Sequence Homology, Amino Acid
G05.810.550.....	Sequence Homology, Nucleic Acid
G05.810.550.830.....	Synteny
G05.813.....	Sex Determination Processes
G05.815.....	Sex Ratio
G05.820.....	Structural Homology, Protein
G05.910.....	Sympatry

## 2018 MeSH Tree Hierarchy

Tree location
G05.935.....Virus Integration
G05.935.500.....Lysogeny
G06.....Microbiological Phenomena
G06.099.....Bacterial Physiological Phenomena
G06.099.050.....Bacterial Adhesion
G06.099.100.....Bacterial Load
G06.099.114.....Bacterial Translocation
G06.099.115.....Bacteriolysis
G06.099.225.....Drug Resistance, Bacterial
G06.099.225.500.....beta-Lactam Resistance
G06.099.225.500.175.....Cephalosporin Resistance
G06.099.225.500.600.....Penicillin Resistance
G06.099.225.500.600.050.....Ampicillin Resistance
G06.099.225.500.600.525.....Methicillin Resistance
G06.099.225.750.....Chloramphenicol Resistance
G06.099.225.812.....Drug Resistance, Multiple, Bacterial
G06.099.225.875.....Kanamycin Resistance
G06.099.225.937.....Tetracycline Resistance
G06.099.225.968.....Trimethoprim Resistance
G06.099.225.984.....Vancomycin Resistance
G06.099.850.....Transformation, Bacterial
G06.099.850.500.....DNA Transformation Competence
G06.099.925.....Viral Tropism
G06.120.....Biofilms
G06.173.....Catabolite Repression
G06.225.....Drug Resistance, Microbial
G06.225.347.....Drug Resistance, Bacterial
G06.225.347.500.....beta-Lactam Resistance
G06.225.347.500.175.....Cephalosporin Resistance
G06.225.347.500.600.....Penicillin Resistance
G06.225.347.500.600.050.....Ampicillin Resistance
G06.225.347.500.600.525.....Methicillin Resistance
G06.225.347.750.....Chloramphenicol Resistance
G06.225.347.812.....Drug Resistance, Multiple, Bacterial
G06.225.347.875.....Kanamycin Resistance
G06.225.347.937.....Tetracycline Resistance
G06.225.347.968.....Trimethoprim Resistance
G06.225.347.984.....Vancomycin Resistance
G06.225.383.....Drug Resistance, Fungal
G06.225.383.500.....Drug Resistance, Multiple, Fungal
G06.225.420.....Drug Resistance, Viral

## 2018 MeSH Tree Hierarchy

Tree location
G06.225.420.500.....Drug Resistance, Multiple, Viral
G06.320.....Germ-Free Life
G06.320.676.....Specific Pathogen-Free Organisms
G06.365.....Hemadsorption
G06.380.....Host-Pathogen Interactions
G06.380.380.....Host Specificity
G06.380.400.....Immune Evasion
G06.550.....Microbial Interactions
G06.550.050.....Antibiosis
G06.550.700.....Quorum Sensing
G06.550.800.....Symbiosis
G06.580.....Microbial Viability
G06.591.....Microbiota
G06.591.375.....Gastrointestinal Microbiome
G06.591.750.....Microbial Consortia
G06.591.875.....Mycobiome
G06.591.937.....Periphyton
G06.625.....Nitrogen Fixation
G06.773.....Toxin-Antitoxin Systems
G06.920.....Virus Physiological Phenomena
G06.920.095.....Antibody-Dependent Enhancement
G06.920.143.....Cell Transformation, Viral
G06.920.190.....Cytopathogenic Effect, Viral
G06.920.225.....Drug Resistance, Viral
G06.920.225.500.....Drug Resistance, Multiple, Viral
G06.920.370.....Hemagglutination, Viral
G06.920.400.....Inclusion Bodies, Viral
G06.920.800.....Viral Interference
G06.920.850.....Viral Load
G06.920.863.....Viral Tropism
G06.920.868.....Virus Attachment
G06.920.872.....Virus Inactivation
G06.920.877.....Virus Integration
G06.920.877.500.....Lysogeny
G06.920.881.....Virus Internalization
G06.920.900.....Virus Latency
G06.920.913.....Virus Release
G06.920.925.....Virus Replication
G06.920.925.940.....Virus Activation
G06.920.925.950.....Virus Assembly
G06.920.950.....Virus Uncoating

## 2018 MeSH Tree Hierarchy

Tree location
G06.930.....Virulence
G07.....Physiological Phenomena
G07.025.....Adaptation, Physiological
G07.025.133.....Acclimatization
G07.025.133.250.....Salt-Tolerance
G07.025.133.500.....Thermotolerance
G07.049.....Anatomic Variation
G07.075.....Bacterial Shedding
G07.100.....Body Constitution
G07.100.049.....Body Composition
G07.100.049.134.....Body Fat Distribution
G07.100.049.134.500.....Adiposity
G07.100.100.....Body Weights and Measures
G07.100.100.125.....Body Mass Index
G07.100.100.160.....Body Size
G07.100.100.160.100.....Body Height
G07.100.100.160.100.500.....Crown-Rump Length
G07.100.100.160.120.....Body Weight
G07.100.100.160.120.186.....Birth Weight
G07.100.100.160.120.300.....Fetal Weight
G07.100.100.160.120.499.....Ideal Body Weight
G07.100.100.160.120.699.....Overweight
G07.100.100.160.120.699.500.....Obesity
G07.100.100.160.120.699.500.249.....Obesity, Abdominal
G07.100.100.160.120.699.500.375.....Obesity, Metabolically Benign
G07.100.100.160.120.699.500.500.....Obesity, Morbid
G07.100.100.160.120.699.500.750.....Pediatric Obesity
G07.100.100.160.120.828.....Thinness
G07.100.100.160.340.....Sagittal Abdominal Diameter
G07.100.100.160.560.....Waist Circumference
G07.100.100.231.....Body Surface Area
G07.100.100.250.....Crown-Rump Length
G07.100.100.660.....Organ Size
G07.100.100.803.....Skinfold Thickness
G07.100.100.960.....Waist-Hip Ratio
G07.100.138.....Breast Density
G07.100.175.....Physical Appearance, Body
G07.100.175.500.....Skin Pigmentation
G07.100.250.....Disease Susceptibility
G07.100.800.....Somatotypes
G07.110.....Body Temperature

## 2018 MeSH Tree Hierarchy

Tree location	
G07.110.232.....	Body Temperature Regulation
G07.110.232.693.....	Sweating
G07.110.232.778.....	Thermogenesis
G07.110.232.778.500.....	Shivering
G07.110.232.889.....	Torpor
G07.110.232.889.249.....	Estivation
G07.110.232.889.500.....	Hibernation
G07.110.753.....	Skin Temperature
G07.180.....	Chronobiology Phenomena
G07.180.562.....	Periodicity
G07.180.562.094.....	Biological Clocks
G07.180.562.094.500.....	Circadian Clocks
G07.180.562.190.....	Circadian Rhythm
G07.180.562.595.....	Infradian Rhythm
G07.180.562.797.....	Ultradian Rhythm
G07.180.562.797.500.....	Activity Cycles
G07.203.....	Diet, Food, and Nutrition
G07.203.100.....	Beverages
G07.203.100.100.....	Alcoholic Beverages
G07.203.100.100.100.....	Absinthe
G07.203.100.100.200.....	Beer
G07.203.100.100.900.....	Wine
G07.203.100.300.....	Carbonated Beverages
G07.203.100.300.500.....	Carbonated Water
G07.203.100.325.....	Coffee
G07.203.100.418.....	Drinking Water
G07.203.100.418.500.....	Carbonated Water
G07.203.100.512.....	Energy Drinks
G07.203.100.606.....	Fruit and Vegetable Juices
G07.203.100.700.....	Milk
G07.203.100.700.250.....	Buttermilk
G07.203.100.700.375.....	Kefir
G07.203.100.700.438.....	Koumiss
G07.203.100.700.500.....	Milk, Human
G07.203.100.700.750.....	Whey
G07.203.100.712.....	Milk Substitutes
G07.203.100.712.249.....	Infant Formula
G07.203.100.712.500.....	Soy Milk
G07.203.100.831.....	Tea
G07.203.100.831.500.....	Kombucha Tea
G07.203.100.950.....	Teas, Herbal



## 2018 MeSH Tree Hierarchy

Tree location
G07.203.100.975.....Teas, Medicinal
G07.203.200.....Fermented Foods
G07.203.200.250.....Beer
G07.203.200.500.....Cultured Milk Products
G07.203.200.500.222.....Buttermilk
G07.203.200.500.444.....Cheese
G07.203.200.500.666.....Kefir
G07.203.200.500.777.....Koumiss
G07.203.200.500.888.....Yogurt
G07.203.200.625.....Kombucha Tea
G07.203.200.750.....Silage
G07.203.200.775.....Soy Foods
G07.203.200.887.....Wine
G07.203.300.....Food
G07.203.300.100.....Bread
G07.203.300.140.....Candy
G07.203.300.140.200.....Chewing Gum
G07.203.300.140.200.500.....Nicotine Chewing Gum
G07.203.300.195.....Chocolate
G07.203.300.250.....Condiments
G07.203.300.250.725.....Spices
G07.203.300.300.....Crops, Agricultural
G07.203.300.300.100.....Animal Feed
G07.203.300.300.100.800.....Silage
G07.203.300.300.550.....Edible Grain
G07.203.300.300.550.500.....Whole Grains
G07.203.300.350.....Dairy Products
G07.203.300.350.100.....Butter
G07.203.300.350.100.500.....Ghee
G07.203.300.350.300.....Cultured Milk Products
G07.203.300.350.300.222.....Buttermilk
G07.203.300.350.300.444.....Cheese
G07.203.300.350.300.666.....Kefir
G07.203.300.350.300.777.....Koumiss
G07.203.300.350.300.888.....Yogurt
G07.203.300.350.400.....Ice Cream
G07.203.300.350.500.....Margarine
G07.203.300.350.525.....Milk
G07.203.300.350.525.250.....Buttermilk
G07.203.300.350.525.375.....Kefir
G07.203.300.350.525.438.....Koumiss

## 2018 MeSH Tree Hierarchy

Tree location
G07.203.300.350.525.500.....Milk, Human
G07.203.300.350.525.520.....Milk Proteins
G07.203.300.350.525.520.500.....Whey Proteins
G07.203.300.350.525.760.....Whey
G07.203.300.350.525.760.500.....Whey Proteins
G07.203.300.362.....Dietary Carbohydrates
G07.203.300.362.831.....Dietary Sugars
G07.203.300.362.831.250.....Dietary Sucrose
G07.203.300.362.831.500.....High Fructose Corn Syrup
G07.203.300.375.....Dietary Fats
G07.203.300.375.200.....Butter
G07.203.300.375.200.500.....Ghee
G07.203.300.375.400.....Dietary Fats, Unsaturated
G07.203.300.375.400.250.....Corn Oil
G07.203.300.375.400.300.....Cottonseed Oil
G07.203.300.375.400.500.....Olive Oil
G07.203.300.375.400.700.....Safflower Oil
G07.203.300.375.400.725.....Sesame Oil
G07.203.300.375.400.750.....Soybean Oil
G07.203.300.375.650.....Margarine
G07.203.300.400.....Dietary Fiber
G07.203.300.400.500.....Prebiotics
G07.203.300.428.....Dietary Proteins
G07.203.300.428.317.....Egg Proteins, Dietary
G07.203.300.428.626.....Milk Proteins
G07.203.300.428.626.500.....Whey Proteins
G07.203.300.428.920.....Vegetable Proteins
G07.203.300.456.....Dietary Supplements
G07.203.300.456.249.....Prebiotics
G07.203.300.456.500.....Probiotics
G07.203.300.456.716.....Synbiotics
G07.203.300.456.933.....Yeast, Dried
G07.203.300.470.....Eggs
G07.203.300.470.349.....Egg Proteins, Dietary
G07.203.300.470.700.....Egg White
G07.203.300.470.800.....Egg Yolk
G07.203.300.477.....Fast Foods
G07.203.300.484.....Flour
G07.203.300.514.....Food Ingredients
G07.203.300.514.500.....Food Additives
G07.203.300.514.500.350.....Fat Substitutes

## 2018 MeSH Tree Hierarchy

Tree location
G07.203.300.514.500.400.....Flavoring Agents
G07.203.300.514.500.400.700.....Sweetening Agents
G07.203.300.514.500.400.700.500.....Non-Nutritive Sweeteners
G07.203.300.514.500.400.700.750.....Nutritive Sweeteners
G07.203.300.514.500.400.700.750.250.....Dietary Sucrose
G07.203.300.514.500.400.700.750.500.....High Fructose Corn Syrup
G07.203.300.514.500.700.....Food Preservatives
G07.203.300.515.....Food, Fortified
G07.203.300.518.....Food, Genetically Modified
G07.203.300.519.....Food, Organic
G07.203.300.521.....Food, Preserved
G07.203.300.521.500.....Frozen Foods
G07.203.300.525.....Foods, Specialized
G07.203.300.525.350.....Food, Formulated
G07.203.300.525.350.500.....Infant Formula
G07.203.300.525.500.....Infant Food
G07.203.300.525.500.500.....Infant Formula
G07.203.300.562.....Fruit
G07.203.300.572.....Functional Food
G07.203.300.581.....Honey
G07.203.300.590.....Meals
G07.203.300.590.120.....Breakfast
G07.203.300.590.560.....Lunch
G07.203.300.590.780.....Snacks
G07.203.300.600.....Meat
G07.203.300.600.500.....Meat Products
G07.203.300.600.750.....Poultry
G07.203.300.600.750.500.....Poultry Products
G07.203.300.600.813.....Red Meat
G07.203.300.600.875.....Seafood
G07.203.300.600.875.400.....Fish Products
G07.203.300.600.875.400.400.....Fish Flour
G07.203.300.600.875.700.....Shellfish
G07.203.300.631.....Micronutrients
G07.203.300.631.555.....Trace Elements
G07.203.300.631.600.....Vitamins
G07.203.300.631.600.500.....Provitamins
G07.203.300.662.....Molasses
G07.203.300.700.....Nuts
G07.203.300.737.....Raw Foods
G07.203.300.775.....Seeds

## 2018 MeSH Tree Hierarchy

Tree location
G07.203.300.775.500.....Edible Grain
G07.203.300.775.500.500.....Whole Grains
G07.203.300.850.....Vegetables
G07.203.300.850.450.....Vegetable Products
G07.203.300.850.450.500.....Soy Foods
G07.203.300.850.450.500.500.....Soy Milk
G07.203.300.850.450.500.750.....Soybean Proteins
G07.203.300.850.900.....Vegetable Proteins
G07.203.650.....Nutritional Physiological Phenomena
G07.203.650.161.....Animal Nutritional Physiological Phenomena
G07.203.650.170.....Appetite Regulation
G07.203.650.195.....Breast Feeding
G07.203.650.220.....Child Nutritional Physiological Phenomena
G07.203.650.220.060.....Adolescent Nutritional Physiological Phenomena
G07.203.650.220.500.....Infant Nutritional Physiological Phenomena
G07.203.650.220.500.250.....Bottle Feeding
G07.203.650.220.500.500.....Breast Feeding
G07.203.650.220.500.500.500.....Breast Milk Expression
G07.203.650.220.500.750.....Weaning
G07.203.650.240.....Diet
G07.203.650.240.120.....Diet, Carbohydrate Loading
G07.203.650.240.240.....Diet, Diabetic
G07.203.650.240.242.....Diet, Atherogenic
G07.203.650.240.245.....Diet, Carbohydrate-Restricted
G07.203.650.240.245.250.....Diet, High-Protein Low-Carbohydrate
G07.203.650.240.245.500.....Diet, Ketogenic
G07.203.650.240.250.....Diet Fads
G07.203.650.240.255.....Diet, Cariogenic
G07.203.650.240.260.....Diet, Fat-Restricted
G07.203.650.240.265.....Diet, Gluten-Free
G07.203.650.240.267.....Diet, High-Fat
G07.203.650.240.269.....Diet, High-Protein
G07.203.650.240.269.500.....Diet, High-Protein Low-Carbohydrate
G07.203.650.240.270.....Diet, Mediterranean
G07.203.650.240.275.....Diet, Paleolithic
G07.203.650.240.280.....Diet, Protein-Restricted
G07.203.650.240.285.....Diet, Reducing
G07.203.650.240.290.....Diet, Sodium-Restricted
G07.203.650.240.300.....Diet, Vegetarian
G07.203.650.240.300.375.....Diet, Macrobiotic
G07.203.650.240.300.750.....Diet, Vegan

## 2018 MeSH Tree Hierarchy

Tree location
G07.203.650.240.310.....Diet, Western
G07.203.650.240.325.....Dietary Approaches To Stop Hypertension
G07.203.650.240.340.....Energy Intake
G07.203.650.240.340.150.....Caloric Restriction
G07.203.650.240.587.....Fasting
G07.203.650.240.629.....Healthy Diet
G07.203.650.240.835.....Portion Size
G07.203.650.240.917.....Serving Size
G07.203.650.250.....Digestion
G07.203.650.250.800.....Salivation
G07.203.650.283.....Eating
G07.203.650.283.249.....Drinking
G07.203.650.283.500.....Mastication
G07.203.650.315.....Elder Nutritional Physiological Phenomena
G07.203.650.353.....Feeding Behavior
G07.203.650.353.099.....Bottle Feeding
G07.203.650.353.199.....Breast Feeding
G07.203.650.353.199.500.....Breast Milk Expression
G07.203.650.353.299.....Carnivory
G07.203.650.353.400.....Fasting
G07.203.650.353.516.....Food Preferences
G07.203.650.353.758.....Herbivory
G07.203.650.372.....Gastrointestinal Absorption
G07.203.650.372.249.....Gastric Absorption
G07.203.650.372.500.....Intestinal Absorption
G07.203.650.372.500.500.....Intestinal Reabsorption
G07.203.650.372.650.....Oral Mucosal Absorption
G07.203.650.390.....Hunger
G07.203.650.390.070.....Appetite
G07.203.650.390.070.290.....Appetite Regulation
G07.203.650.566.....Maternal Nutritional Physiological Phenomena
G07.203.650.566.624.....Prenatal Nutritional Physiological Phenomena
G07.203.650.620.....Nutritional Requirements
G07.203.650.620.500.....Recommended Dietary Allowances
G07.203.650.650.....Nutritional Status
G07.203.650.660.....Nutritive Value
G07.203.650.660.500.....Glycemic Index
G07.203.650.660.750.....Glycemic Load
G07.203.650.830.....Sports Nutritional Physiological Phenomena
G07.203.650.915.....Weaning
G07.225.....Dose-Response Relationship, Radiation

## 2018 MeSH Tree Hierarchy

Tree location
G07.225.500.....Lethal Dose 50
G07.265.....Electrophysiological Phenomena
G07.265.087.....Brain Waves
G07.265.087.500.....Alpha Rhythm
G07.265.087.750.....Beta Rhythm
G07.265.087.875.....Delta Rhythm
G07.265.087.906.....Gamma Rhythm
G07.265.087.937.....Theta Rhythm
G07.265.175.....Chronaxy
G07.265.216.....Cortical Excitability
G07.265.216.500.....Evoked Potentials
G07.265.216.500.250.....Contingent Negative Variation
G07.265.216.500.350.....Event-Related Potentials, P300
G07.265.216.500.370.....Evoked Potentials, Auditory
G07.265.216.500.370.223.....Cochlear Microphonic Potentials
G07.265.216.500.370.300.....Evoked Potentials, Auditory, Brain Stem
G07.265.216.500.385.....Evoked Potentials, Motor
G07.265.216.500.385.500.....Vestibular Evoked Myogenic Potentials
G07.265.216.500.400.....Evoked Potentials, Somatosensory
G07.265.216.500.400.500.....Laser-Evoked Potentials
G07.265.216.500.425.....Evoked Potentials, Visual
G07.265.256.....Electroencephalography Phase Synchronization
G07.265.256.249.....Cortical Synchronization
G07.265.563.....Galvanic Skin Response
G07.265.625.....Ion Channel Gating
G07.265.675.....Membrane Potentials
G07.265.675.100.....Action Potentials
G07.265.675.550.....Membrane Potential, Mitochondrial
G07.265.675.775.....Myoelectric Complex, Migrating
G07.265.675.887.....Synaptic Potentials
G07.265.675.887.249.....Excitatory Postsynaptic Potentials
G07.265.675.887.374.....Inhibitory Postsynaptic Potentials
G07.265.675.887.500.....Miniature Postsynaptic Potentials
G07.265.675.887.750.....Postsynaptic Potential Summation
G07.265.753.....Neural Conduction
G07.265.753.760.....Recruitment, Neurophysiological
G07.265.753.770.....Refractory Period, Electrophysiological
G07.265.755.....Neural Inhibition
G07.265.755.500.....Inhibitory Postsynaptic Potentials
G07.265.758.....Neuroimmunomodulation
G07.265.760.....Refractory Period, Electrophysiological

## 2018 MeSH Tree Hierarchy

Tree location
G07.265.880.....Synaptic Transmission
G07.265.880.750.....Synaptic Potentials
G07.265.880.750.199.....Excitatory Postsynaptic Potentials
G07.265.880.750.400.....Inhibitory Postsynaptic Potentials
G07.265.880.750.560.....Miniature Postsynaptic Potentials
G07.265.880.750.780.....Postsynaptic Potential Summation
G07.280.....Fetal Viability
G07.313.....Fluid Shifts
G07.345.....Growth and Development
G07.345.124.....Aging
G07.345.124.260.....Cognitive Aging
G07.345.124.390.....Immunosenescence
G07.345.124.519.....Longevity
G07.345.186.....Calcification, Physiologic
G07.345.186.710.....Tooth Calcification
G07.345.249.....Growth
G07.345.249.314.....Body Size
G07.345.249.314.100.....Body Height
G07.345.249.314.120.....Body Weight
G07.345.249.314.120.186.....Birth Weight
G07.345.249.314.120.200.....Body Weight Changes
G07.345.249.314.120.200.926.....Weight Gain
G07.345.249.314.120.200.963.....Weight Loss
G07.345.249.314.120.250.....Body Weight Maintenance
G07.345.249.314.120.300.....Fetal Weight
G07.345.249.314.120.650.....Ideal Body Weight
G07.345.249.410.....Cell Growth Processes
G07.345.249.410.500.....Cell Enlargement
G07.345.249.410.750.....Cell Proliferation
G07.345.249.410.750.500.....Cell Division
G07.345.249.410.750.500.500.....Asymmetric Cell Division
G07.345.249.410.750.500.625.....Cell Self Renewal
G07.345.249.410.750.500.750.....Telomere Homeostasis
G07.345.249.690.....Organ Size
G07.345.249.845.....Tropism
G07.345.249.845.400.....Gravitropism
G07.345.249.845.700.....Phototropism
G07.345.374.....Human Development
G07.345.374.500.....Adolescent Development
G07.345.374.750.....Child Development
G07.345.500.....Morphogenesis

## 2018 MeSH Tree Hierarchy

Tree location
G07.345.500.100.....Body Patterning
G07.345.500.100.250.....Embryonic Induction
G07.345.500.325.....Embryonic and Fetal Development
G07.345.500.325.089.....Ectogenesis
G07.345.500.325.180.....Embryonic Development
G07.345.500.325.180.500.....Cell Lineage
G07.345.500.325.180.750.....Embryonic Induction
G07.345.500.325.180.812.....Gastrulation
G07.345.500.325.180.875.....Neurulation
G07.345.500.325.235.....Fetal Development
G07.345.500.325.235.374.....Fetal Movement
G07.345.500.325.235.750.....Fetal Organ Maturity
G07.345.500.325.235.875.....Fetal Viability
G07.345.500.325.235.937.....Fetal Weight
G07.345.500.325.235.968.....Gestational Age
G07.345.500.325.377.....Organogenesis
G07.345.500.325.377.124.....Cementogenesis
G07.345.500.325.377.186.....Dentinogenesis
G07.345.500.325.377.249.....Fetal Organ Maturity
G07.345.500.325.377.437.....Lymphangiogenesis
G07.345.500.325.377.625.....Musculoskeletal Development
G07.345.500.325.377.625.100.....Bone Development
G07.345.500.325.377.625.100.175.....Calcification, Physiologic
G07.345.500.325.377.625.100.478.....Maxillofacial Development
G07.345.500.325.377.625.100.729.....Osteogenesis
G07.345.500.325.377.625.180.....Chondrogenesis
G07.345.500.325.377.625.590.....Muscle Development
G07.345.500.325.377.687.....Neurogenesis
G07.345.500.325.377.687.750.....Neuronal Outgrowth
G07.345.500.325.377.687.750.500.....Axon Fasciculation
G07.345.500.325.377.687.750.750.....Axon Guidance
G07.345.500.325.377.750.....Odontogenesis
G07.345.500.325.377.750.190.....Amelogenesis
G07.345.500.325.377.765.....Organogenesis, Plant
G07.345.500.325.377.812.....Sex Determination Processes
G07.345.500.325.377.843.....Sex Differentiation
G07.345.500.550.....Metamorphosis, Biological
G07.345.500.550.500.....Life Cycle Stages
G07.345.500.550.500.250.....Diapause
G07.345.500.550.500.250.500.....Diapause, Insect
G07.345.500.550.500.500.....Larva



## 2018 MeSH Tree Hierarchy

Tree location
G07.345.500.550.500.150.....Cercaria
G07.345.500.550.500.150.500.....Metacercariae
G07.345.500.550.500.650.....Nymph
G07.345.500.550.500.675.....Oocysts
G07.345.500.550.500.675.800.....Sporozoites
G07.345.500.550.500.700.....Pupa
G07.345.500.550.500.800.....Schizonts
G07.345.500.550.500.800.500.....Merozoites
G07.345.500.550.500.950.....Trophozoites
G07.345.500.550.750.....Molting
G07.345.500.550.875.....Parasite Encystment
G07.345.625.....Plant Development
G07.345.625.124.....Etiolation
G07.345.625.249.....Germination
G07.345.625.875.....Plant Dormancy
G07.345.750.....Sexual Development
G07.345.750.437.....Sex Determination Processes
G07.345.750.500.....Sex Differentiation
G07.345.750.750.....Sexual Maturation
G07.410.....Homeostasis
G07.410.110.....Acid-Base Equilibrium
G07.410.421.....Body Temperature Regulation
G07.410.421.693.....Sweating
G07.410.421.778.....Thermogenesis
G07.410.421.778.500.....Shivering
G07.410.421.889.....Torpor
G07.410.421.889.249.....Estivation
G07.410.421.889.500.....Hibernation
G07.410.732.....Feedback, Physiological
G07.410.732.500.....Feedback, Sensory
G07.410.810.....Osmoregulation
G07.410.810.500.....Water-Electrolyte Balance
G07.410.810.500.500.....Kallikrein-Kinin System
G07.410.810.500.750.....Water Loss, Insensible
G07.540.....Longevity
G07.568.....Movement
G07.568.500.....Locomotion
G07.568.500.180.....Cell Movement
G07.568.500.180.500.....Transendothelial and Transepithelial Migration
G07.568.500.590.....Taxis Response
G07.568.500.590.500.....Chemotaxis

## 2018 MeSH Tree Hierarchy

Tree location
G07.568.500.590.688.....Escape Reaction
G07.568.500.590.875.....Phototaxis
G07.568.750.....Organ Motion
G07.650.....Organ Specificity
G07.670.....Organism Hydration Status
G07.690.....Pharmacological and Toxicological Phenomena
G07.690.595.....Metabolic Clearance Rate
G07.690.725.....Pharmacokinetics
G07.690.725.015.....Absorption
G07.690.725.015.500.....Absorption, Physiological
G07.690.725.015.500.374.....Gastrointestinal Absorption
G07.690.725.015.500.374.249.....Gastric Absorption
G07.690.725.015.500.374.500.....Intestinal Absorption
G07.690.725.015.500.374.500.500.....Intestinal Reabsorption
G07.690.725.015.500.374.650.....Oral Mucosal Absorption
G07.690.725.015.500.374.825.....Rectal Absorption
G07.690.725.015.500.562.....Intramuscular Absorption
G07.690.725.015.500.656.....Ocular Absorption
G07.690.725.015.500.667.....Peritoneal Absorption
G07.690.725.015.500.679.....Renal Reabsorption
G07.690.725.015.500.703.....Respiratory Tract Absorption
G07.690.725.015.500.703.500.....Nasal Absorption
G07.690.725.015.500.750.....Skin Absorption
G07.690.725.015.500.875.....Subcutaneous Absorption
G07.690.725.015.500.937.....Vaginal Absorption
G07.690.725.064.....Area Under Curve
G07.690.725.129.....Biological Availability
G07.690.725.225.....Biotransformation
G07.690.725.225.224.....Activation, Metabolic
G07.690.725.225.450.....Inactivation, Metabolic
G07.690.725.225.450.500.....Metabolic Detoxication, Phase I
G07.690.725.225.450.750.....Metabolic Detoxication, Phase II
G07.690.725.249.....Chronopharmacokinetics
G07.690.725.273.....Cutaneous Elimination
G07.690.725.321.....Drug Liberation
G07.690.725.417.....Hepatobiliary Elimination
G07.690.725.465.....Intestinal Elimination
G07.690.725.477.....Lacrimal Elimination
G07.690.725.489.....Lacteal Elimination
G07.690.725.513.....Metabolic Clearance Rate
G07.690.725.561.....Pulmonary Elimination

## 2018 MeSH Tree Hierarchy

Tree location
G07.690.725.609.....Renal Elimination
G07.690.725.705.....Salivary Elimination
G07.690.725.898.....Therapeutic Equivalency
G07.690.725.949.....Tissue Distribution
G07.690.773.....Pharmacological Phenomena
G07.690.773.500.....Cytoprotection
G07.690.773.750.....Depression, Chemical
G07.690.773.875.....Dose-Response Relationship, Drug
G07.690.773.875.500.....Hormesis
G07.690.773.875.750.....Lethal Dose 50
G07.690.773.937.....Down-Regulation
G07.690.773.968.....Drug Interactions
G07.690.773.968.154.....Drug Agonism
G07.690.773.968.154.500.....Drug Partial Agonism
G07.690.773.968.310.....Drug Antagonism
G07.690.773.968.393.....Drug Inverse Agonism
G07.690.773.968.477.....Drug Synergism
G07.690.773.968.511.....Food-Drug Interactions
G07.690.773.968.755.....Herb-Drug Interactions
G07.690.773.984.....Drug Resistance
G07.690.773.984.269.....Drug Resistance, Microbial
G07.690.773.984.269.347.....Drug Resistance, Bacterial
G07.690.773.984.269.347.500.....beta-Lactam Resistance
G07.690.773.984.269.347.500.175.....Cephalosporin Resistance
G07.690.773.984.269.347.500.600.....Penicillin Resistance
G07.690.773.984.269.347.500.600.050.....Ampicillin Resistance
G07.690.773.984.269.347.500.600.525.....Methicillin Resistance
G07.690.773.984.269.347.750.....Chloramphenicol Resistance
G07.690.773.984.269.347.812.....Drug Resistance, Multiple, Bacterial
G07.690.773.984.269.347.875.....Kanamycin Resistance
G07.690.773.984.269.347.937.....Tetracycline Resistance
G07.690.773.984.269.347.968.....Trimethoprim Resistance
G07.690.773.984.269.347.984.....Vancomycin Resistance
G07.690.773.984.269.383.....Drug Resistance, Fungal
G07.690.773.984.269.383.500.....Drug Resistance, Multiple, Fungal
G07.690.773.984.269.420.....Drug Resistance, Viral
G07.690.773.984.269.420.500.....Drug Resistance, Multiple, Viral
G07.690.773.984.300.....Drug Resistance, Multiple
G07.690.773.984.300.500.....Drug Resistance, Multiple, Bacterial
G07.690.773.984.300.625.....Drug Resistance, Multiple, Fungal
G07.690.773.984.300.750.....Drug Resistance, Multiple, Viral

## 2018 MeSH Tree Hierarchy

Tree location
G07.690.773.984.395.....Drug Resistance, Neoplasm
G07.690.773.984.443.....Herbicide Resistance
G07.690.773.984.491.....Insecticide Resistance
G07.690.773.984.617.....Insulin Resistance
G07.690.773.992.....Drug Tolerance
G07.690.773.992.910.....Tachyphylaxis
G07.690.773.996.....Stimulation, Chemical
G07.690.773.997.....Structure-Activity Relationship
G07.690.773.997.500.....Quantitative Structure-Activity Relationship
G07.690.773.998.....Up-Regulation
G07.690.915.....Toxicokinetics
G07.690.936.....Toxicological Phenomena
G07.690.936.500.....Dose-Response Relationship, Drug
G07.690.936.500.500.....Hormesis
G07.690.936.500.750.....Lethal Dose 50
G07.690.936.563.....Inhibitory Concentration 50
G07.690.936.625.....Maximum Tolerated Dose
G07.690.936.750.....No-Observed-Adverse-Effect Level
G07.738.....Radiation Tolerance
G07.738.500.....Dose-Response Relationship, Radiation
G07.775.....Stress, Physiological
G07.775.249.....Cold-Shock Response
G07.775.500.....Heat-Shock Response
G07.775.750.....Oxidative Stress
G07.775.750.500.....Nitrosative Stress
G07.775.750.750.....Protein Carbonylation
G07.850.....Thermosensing
G07.925.....Virus Shedding
G08.....Reproductive and Urinary Physiological Phenomena
G08.686.....Reproductive Physiological Phenomena
G08.686.155.....Cell Lineage
G08.686.157.....Climacteric
G08.686.157.249.....Andropause
G08.686.157.500.....Menopause
G08.686.157.500.500.....Menopause, Premature
G08.686.157.500.562.....Perimenopause
G08.686.157.500.625.....Postmenopause
G08.686.157.500.812.....Premenopause
G08.686.160.....Clutch Size
G08.686.195.....Estrous Cycle
G08.686.195.249.....Anestrus

## 2018 MeSH Tree Hierarchy

Tree location
G08.686.195.374.....Diestrus
G08.686.195.500.....Estrus
G08.686.195.500.500.....Estrus Synchronization
G08.686.195.750.....Metestrus
G08.686.195.875.....Proestrus
G08.686.210.....Fertility
G08.686.210.249.....Ovarian Reserve
G08.686.210.500.....Time-to-Pregnancy
G08.686.220.....Fetal Viability
G08.686.280.....Fetal Weight
G08.686.290.....Follicular Atresia
G08.686.320.....Gestational Age
G08.686.340.....Gravidity
G08.686.520.....Labor Presentation
G08.686.520.150.....Breech Presentation
G08.686.523.....Lactation
G08.686.523.460.....Milk Ejection
G08.686.525.....Lacteal Elimination
G08.686.530.....Litter Size
G08.686.560.....Maternal Age
G08.686.605.....Menstrual Cycle
G08.686.605.154.....Fertile Period
G08.686.605.310.....Follicular Phase
G08.686.605.410.....Luteal Phase
G08.686.605.428.....Menstruation
G08.686.617.....Menstruation
G08.686.628.....Ovarian Reserve
G08.686.650.....Oviparity
G08.686.655.....Ovoviviparity
G08.686.677.....Parity
G08.686.700.....Paternal Age
G08.686.701.....Peripartum Period
G08.686.702.....Postpartum Period
G08.686.702.500.....Lactation
G08.686.702.500.460.....Milk Ejection
G08.686.705.....Pregnancy Rate
G08.686.707.....Pregnancy Trimesters
G08.686.707.408.....Pregnancy Trimester, First
G08.686.707.490.....Pregnancy Trimester, Second
G08.686.707.520.....Pregnancy Trimester, Third
G08.686.710.....Pregnancy, Multiple

## 2018 MeSH Tree Hierarchy

Tree location
G08.686.710.030.....Pregnancy, Quadruplet
G08.686.710.062.....Pregnancy, Quintuplet
G08.686.710.126.....Pregnancy, Triplet
G08.686.710.253.....Pregnancy, Twin
G08.686.710.608.....Superfetation
G08.686.760.....Puberty
G08.686.760.204.....Adrenarche
G08.686.760.410.....Menarche
G08.686.784.....Reproduction
G08.686.784.041.....Coitus
G08.686.784.084.....Ejaculation
G08.686.784.170.....Embryonic and Fetal Development
G08.686.784.170.104.....Embryonic Development
G08.686.784.170.104.249.....Cell Lineage
G08.686.784.170.104.500.....Embryo Implantation
G08.686.784.170.104.500.100.....Embryo Implantation, Delayed
G08.686.784.170.104.750.....Embryonic Induction
G08.686.784.170.104.875.....Twinning, Monozygotic
G08.686.784.170.157.....Fetal Development
G08.686.784.170.157.374.....Fetal Movement
G08.686.784.170.157.750.....Fetal Organ Maturity
G08.686.784.170.450.....Organogenesis
G08.686.784.170.450.500.....Neurogenesis
G08.686.784.170.450.500.750.....Neuronal Outgrowth
G08.686.784.170.450.500.750.500.....Axon Fasciculation
G08.686.784.170.450.500.750.750.....Axon Guidance
G08.686.784.277.....Fertilization
G08.686.784.277.360.....Ovum Transport
G08.686.784.277.560.....Self-Fertilization
G08.686.784.277.760.....Sperm Capacitation
G08.686.784.277.800.....Sperm-Ovum Interactions
G08.686.784.277.800.100.....Acrosome Reaction
G08.686.784.277.820.....Sperm Transport
G08.686.784.310.....Gametogenesis
G08.686.784.310.249.....Gametogenesis, Plant
G08.686.784.310.500.....Oogenesis
G08.686.784.310.500.880.....Vitellogenesis
G08.686.784.310.760.....Spermatogenesis
G08.686.784.310.760.700.....Sperm Maturation
G08.686.784.363.....Insemination
G08.686.784.363.492.....Insemination, Artificial

## 2018 MeSH Tree Hierarchy

Tree location	
G08.686.784.363.492.500.....	Insemination, Artificial, Heterologous
G08.686.784.363.492.750.....	Insemination, Artificial, Homologous
G08.686.784.460.....	Orgasm
G08.686.784.480.....	Oviposition
G08.686.784.690.....	Ovulation
G08.686.784.690.080.....	Anovulation
G08.686.784.690.355.....	Luteinization
G08.686.784.690.355.500.....	Corpus Luteum Maintenance
G08.686.784.690.380.....	Luteolysis
G08.686.784.690.493.....	Ovulation Inhibition
G08.686.784.690.768.....	Superovulation
G08.686.784.717.....	Penile Erection
G08.686.784.743.....	Pollination
G08.686.784.769.....	Pregnancy
G08.686.784.769.213.....	Gravidity
G08.686.784.769.326.....	Labor, Obstetric
G08.686.784.769.326.100.....	Cervical Ripening
G08.686.784.769.326.500.....	Labor Onset
G08.686.784.769.326.500.080.....	Labor Stage, First
G08.686.784.769.326.500.090.....	Labor Stage, Second
G08.686.784.769.326.500.110.....	Labor Stage, Third
G08.686.784.769.326.520.....	Labor Presentation
G08.686.784.769.326.520.150.....	Breech Presentation
G08.686.784.769.326.660.....	Trial of Labor
G08.686.784.769.326.700.....	Uterine Contraction
G08.686.784.769.455.....	Maternal-Fetal Exchange
G08.686.784.769.472.....	Parity
G08.686.784.769.490.....	Parturition
G08.686.784.769.490.124.....	Home Childbirth
G08.686.784.769.490.249.....	Natural Childbirth
G08.686.784.769.490.500.....	Term Birth
G08.686.784.769.491.....	Placentation
G08.686.784.769.494.....	Pregnancy in Adolescence
G08.686.784.769.498.....	Pregnancy, Animal
G08.686.784.769.498.300.....	Litter Size
G08.686.784.769.500.....	Pregnancy, High-Risk
G08.686.784.769.520.....	Pregnancy Maintenance
G08.686.784.769.520.500.....	Corpus Luteum Maintenance
G08.686.784.769.525.....	Pregnancy, Multiple
G08.686.784.769.525.608.....	Superfetation
G08.686.784.769.530.....	Pregnancy Outcome

## 2018 MeSH Tree Hierarchy

Tree location
G08.686.784.769.530.249.....Live Birth
G08.686.784.769.530.500.....Stillbirth
G08.686.784.769.570.....Pregnancy, Unplanned
G08.686.784.769.580.....Pregnancy, Unwanted
G08.686.784.769.600.....Prenatal Nutritional Physiological Phenomena
G08.686.784.769.887.....Pseudopregnancy
G08.686.784.830.....Reproduction, Asexual
G08.686.784.830.500.....Parthenogenesis
G08.686.784.830.500.500.....Apomixis
G08.686.784.891.....Reproductive Behavior
G08.686.784.891.500.....Contraception Behavior
G08.686.810.....Sex
G08.686.815.....Sex Characteristics
G08.686.841.....Sexual Development
G08.686.841.249.....Climacteric
G08.686.841.249.249.....Andropause
G08.686.841.249.500.....Menopause
G08.686.841.249.500.500.....Menopause, Premature
G08.686.841.249.500.562.....Perimenopause
G08.686.841.249.500.625.....Postmenopause
G08.686.841.249.500.812.....Premenopause
G08.686.841.374.....Puberty
G08.686.841.374.204.....Adrenarche
G08.686.841.374.410.....Menarche
G08.686.841.437.....Sex Determination Processes
G08.686.841.500.....Sex Differentiation
G08.686.841.750.....Sexual Maturation
G08.686.867.....Sexuality
G08.686.867.200.....Bisexuality
G08.686.867.400.....Heterosexuality
G08.686.867.500.....Homosexuality
G08.686.867.500.400.....Homosexuality, Female
G08.686.867.500.600.....Homosexuality, Male
G08.686.920.....Viviparity, Nonmammalian
G08.852.....Urinary Tract Physiological Phenomena
G08.852.179.....Diuresis
G08.852.179.557.....Natriuresis
G08.852.357.....Glomerular Filtration Rate
G08.852.536.....Kidney Concentrating Ability
G08.852.536.500.....Renal Reabsorption
G08.852.725.....Renal Circulation



## 2018 MeSH Tree Hierarchy

Tree location	
G08.852.725.700.....	Renal Blood Flow, Effective
G08.852.725.740.....	Renal Plasma Flow
G08.852.725.750.....	Renal Plasma Flow, Effective
G08.852.761.....	Renal Elimination
G08.852.880.....	Urination
G08.852.898.....	Urodynamics
G09.....	Circulatory and Respiratory Physiological Phenomena
G09.188.....	Blood Physiological Phenomena
G09.188.050.....	Acid-Base Equilibrium
G09.188.087.....	Bleeding Time
G09.188.100.....	Blood Bactericidal Activity
G09.188.105.....	Blood Cell Count
G09.188.105.330.....	Erythrocyte Count
G09.188.105.330.725.....	Reticulocyte Count
G09.188.105.595.....	Leukocyte Count
G09.188.105.595.500.....	Lymphocyte Count
G09.188.105.595.500.150.....	CD4 Lymphocyte Count
G09.188.105.595.500.150.160.....	CD4-CD8 Ratio
G09.188.105.700.....	Platelet Count
G09.188.114.....	Blood Group Incompatibility
G09.188.114.750.....	Rh Isoimmunization
G09.188.130.....	Blood Volume
G09.188.130.185.....	Cerebral Blood Volume
G09.188.130.370.....	Erythrocyte Volume
G09.188.130.610.....	Plasma Volume
G09.188.230.....	Erythrocyte Aging
G09.188.260.....	Erythrocyte Indices
G09.188.315.....	Fibrin Clot Lysis Time
G09.188.343.....	Hematopoiesis
G09.188.343.414.....	Erythropoiesis
G09.188.343.463.....	Hematopoiesis, Extramedullary
G09.188.343.597.....	Leukopoiesis
G09.188.343.597.500.....	Lymphopoiesis
G09.188.343.597.750.....	Myelopoiesis
G09.188.343.798.....	Thrombopoiesis
G09.188.370.....	Hemorheology
G09.188.370.124.....	Blood Viscosity
G09.188.370.187.....	Erythrocyte Aggregation
G09.188.370.249.....	Erythrocyte Deformability
G09.188.370.374.....	Hematocrit
G09.188.370.687.....	Platelet Aggregation

## 2018 MeSH Tree Hierarchy

Tree location
G09.188.390.....Hemostasis
G09.188.390.150.....Blood Coagulation
G09.188.390.150.390.....Fibrinolysis
G09.188.390.600.....Platelet Activation
G09.188.390.600.180.....Clot Retraction
G09.188.390.600.500.....Platelet Adhesiveness
G09.188.390.600.640.....Platelet Aggregation
G09.188.640.....Osmotic Fragility
G09.188.660.....Partial Thromboplastin Time
G09.188.665.....Phagocytosis
G09.188.665.500.....Cytophagocytosis
G09.188.670.....Platelet Adhesiveness
G09.188.680.....Prothrombin Time
G09.188.760.....Reticulocytosis
G09.188.840.....Thrombin Time
G09.188.960.....Whole Blood Coagulation Time
G09.330.....Cardiovascular Physiological Phenomena
G09.330.040.....Atrial Function
G09.330.040.100.....Atrial Function, Left
G09.330.040.200.....Atrial Function, Right
G09.330.040.600.....Atrial Pressure
G09.330.040.800.....Atrial Remodeling
G09.330.100.....Blood Circulation
G09.330.100.159.....Cerebrovascular Circulation
G09.330.100.159.500.....Neurovascular Coupling
G09.330.100.248.....Collateral Circulation
G09.330.100.324.....Coronary Circulation
G09.330.100.324.500.....Fractional Flow Reserve, Myocardial
G09.330.100.645.....Microcirculation
G09.330.100.749.....Placental Circulation
G09.330.100.770.....Pulmonary Circulation
G09.330.100.780.....Regional Blood Flow
G09.330.100.812.....Renal Circulation
G09.330.100.812.700.....Renal Blood Flow, Effective
G09.330.100.812.740.....Renal Plasma Flow
G09.330.100.812.750.....Renal Plasma Flow, Effective
G09.330.100.881.....Splanchnic Circulation
G09.330.100.881.552.....Liver Circulation
G09.330.160.....Capillary Fragility
G09.330.165.....Capillary Permeability
G09.330.170.....Cardiomegaly, Exercise-Induced

## 2018 MeSH Tree Hierarchy

Tree location	
G09.330.175.....	Cardiovascular Deconditioning
G09.330.210.....	Carotid Intima-Media Thickness
G09.330.260.....	Diving Reflex
G09.330.380.....	Hemodynamics
G09.330.380.037.....	Atrial Pressure
G09.330.380.057.....	Baroreflex
G09.330.380.076.....	Blood Pressure
G09.330.380.076.347.....	Arterial Pressure
G09.330.380.076.695.....	Pulmonary Wedge Pressure
G09.330.380.076.732.....	Venous Pressure
G09.330.380.076.732.336.....	Central Venous Pressure
G09.330.380.076.732.650.....	Portal Pressure
G09.330.380.092.....	Blood Volume
G09.330.380.092.185.....	Cerebral Blood Volume
G09.330.380.092.370.....	Erythrocyte Volume
G09.330.380.092.610.....	Plasma Volume
G09.330.380.124.....	Cardiac Output
G09.330.380.124.882.....	Stroke Volume
G09.330.380.249.....	Cardiac Volume
G09.330.380.500.....	Heart Rate
G09.330.380.500.430.....	Heart Rate, Fetal
G09.330.380.500.715.....	Respiratory Sinus Arrhythmia
G09.330.380.510.....	Heart Sounds
G09.330.380.630.....	Hemorheology
G09.330.380.630.080.....	Blood Flow Velocity
G09.330.380.630.110.....	Blood Viscosity
G09.330.380.630.555.....	Pulsatile Flow
G09.330.380.690.....	Kallikrein-Kinin System
G09.330.380.750.....	Pulse
G09.330.380.813.....	Renin-Angiotensin System
G09.330.380.875.....	Valsalva Maneuver
G09.330.380.906.....	Vascular Capacitance
G09.330.380.921.....	Vascular Resistance
G09.330.380.921.327.....	Capillary Resistance
G09.330.380.925.....	Vasoconstriction
G09.330.380.928.....	Vasodilation
G09.330.380.937.....	Ventricular Pressure
G09.330.580.....	Myocardial Contraction
G09.330.580.295.....	Diastole
G09.330.580.880.....	Systole
G09.330.630.....	Neovascularization, Physiologic

## 2018 MeSH Tree Hierarchy

Tree location
G09.330.920.....Vascular Patency
G09.330.930.....Vascular Remodeling
G09.330.940.....Vascular Stiffness
G09.330.955.....Ventricular Function
G09.330.955.800.....Ventricular Function, Left
G09.330.955.900.....Ventricular Function, Right
G09.330.955.950.....Ventricular Pressure
G09.330.955.975.....Ventricular Remodeling
G09.772.....Respiratory Physiological Phenomena
G09.772.029.....Airway Remodeling
G09.772.060.....Airway Resistance
G09.772.540.....Lung Compliance
G09.772.555.....Mucociliary Clearance
G09.772.585.....Phonation
G09.772.585.500.....Singing
G09.772.593.....Pulmonary Circulation
G09.772.600.....Pulmonary Diffusing Capacity
G09.772.625.....Pulmonary Elimination
G09.772.650.....Pulmonary Ventilation
G09.772.650.300.....Forced Expiratory Flow Rates
G09.772.650.300.590.....Maximal Expiratory Flow Rate
G09.772.650.300.630.....Maximal Expiratory Flow-Volume Curves
G09.772.650.300.670.....Maximal Midexpiratory Flow Rate
G09.772.650.300.790.....Peak Expiratory Flow Rate
G09.772.650.430.....Forced Expiratory Volume
G09.772.650.630.....Maximal Voluntary Ventilation
G09.772.705.....Respiration
G09.772.705.349.....Breath Holding
G09.772.705.700.....Respiratory Mechanics
G09.772.705.700.080.....Bronchoconstriction
G09.772.705.700.275.....Exhalation
G09.772.705.700.390.....Inhalation
G09.772.705.730.....Respiratory Rate
G09.772.705.760.....Respiratory Transport
G09.772.705.760.602.....Pulmonary Gas Exchange
G09.772.760.....Respiratory Dead Space
G09.772.775.....Respiratory Sounds
G09.772.813.....Respiratory Tract Absorption
G09.772.813.500.....Nasal Absorption
G09.772.832.....Sneezing
G09.772.850.....Total Lung Capacity

## 2018 MeSH Tree Hierarchy

Tree location
G09.772.850.250.....Closing Volume
G09.772.850.390.....Functional Residual Capacity
G09.772.850.390.360.....Expiratory Reserve Volume
G09.772.850.390.820.....Residual Volume
G09.772.850.970.....Vital Capacity
G09.772.850.970.360.....Expiratory Reserve Volume
G09.772.850.970.500.....Inspiratory Capacity
G09.772.850.970.500.375.....Inspiratory Reserve Volume
G09.772.850.970.500.700.....Tidal Volume
G09.772.910.....Valsalva Maneuver
G09.772.920.....Ventilation-Perfusion Ratio
G09.772.925.....Voice
G09.772.925.960.....Voice Quality
G09.772.965.....Work of Breathing
G09.772.982.....Yawning
G10.....Digestive System and Oral Physiological Phenomena
G10.261.....Digestive System Physiological Phenomena
G10.261.165.....Defecation
G10.261.178.....Deglutition
G10.261.190.....Digestion
G10.261.190.400.....Rumination, Digestive
G10.261.190.800.....Salivation
G10.261.330.....Eating
G10.261.330.249.....Drinking
G10.261.330.500.....Mastication
G10.261.338.....Gagging
G10.261.345.....Gallbladder Emptying
G10.261.353.....Gastrointestinal Absorption
G10.261.353.249.....Gastric Absorption
G10.261.353.500.....Intestinal Absorption
G10.261.353.500.500.....Intestinal Reabsorption
G10.261.353.650.....Oral Mucosal Absorption
G10.261.353.825.....Rectal Absorption
G10.261.360.....Gastrointestinal Motility
G10.261.360.400.....Gastric Emptying
G10.261.360.525.....Gastrointestinal Transit
G10.261.360.570.....Myoelectric Complex, Migrating
G10.261.360.596.....Peristalsis
G10.261.375.....Hepatobiliary Elimination
G10.261.390.....Hunger
G10.261.390.070.....Appetite

## 2018 MeSH Tree Hierarchy

Tree location	
G10.261.390.070.290.....	Appetite Regulation
G10.261.433.....	Intestinal Elimination
G10.261.475.....	Liver Regeneration
G10.261.700.....	Postprandial Period
G10.549.....	Dental Physiological Phenomena
G10.549.140.....	Dental Caries Susceptibility
G10.549.181.....	Dental Enamel Solubility
G10.549.208.....	Dental Occlusion
G10.549.245.....	Dentin Solubility
G10.549.800.....	Tooth Calcification
G10.549.810.....	Tooth Eruption
G10.549.820.....	Tooth Exfoliation
G10.549.830.....	Tooth Migration
G10.549.830.535.....	Mesial Movement of Teeth
G10.549.840.....	Tooth Mobility
G10.549.845.....	Tooth Permeability
G10.549.845.292.....	Dental Enamel Permeability
G10.549.845.461.....	Dentin Permeability
G10.549.855.....	Tooth Resorption
G10.549.855.653.....	Root Resorption
G11.....	Musculoskeletal and Neural Physiological Phenomena
G11.427.....	Musculoskeletal Physiological Phenomena
G11.427.100.....	Bone Density
G11.427.213.....	Bone Remodeling
G11.427.213.140.....	Bone Regeneration
G11.427.213.140.570.....	Osseointegration
G11.427.213.150.....	Bone Resorption
G11.427.213.150.570.....	Osteolysis
G11.427.325.....	Intramuscular Absorption
G11.427.410.....	Movement
G11.427.410.140.....	Eye Movements
G11.427.410.478.....	Head Movements
G11.427.410.568.....	Locomotion
G11.427.410.568.304.....	Flight, Animal
G11.427.410.568.610.....	Running
G11.427.410.568.610.320.....	Jogging
G11.427.410.568.800.....	Swimming
G11.427.410.568.850.....	Taxis Response
G11.427.410.568.850.500.....	Chemotaxis
G11.427.410.568.850.688.....	Escape Reaction
G11.427.410.568.850.875.....	Phototaxis

## 2018 MeSH Tree Hierarchy

Tree location
G11.427.410.568.900.....Walking
G11.427.410.568.900.500.....Dependent Ambulation
G11.427.410.568.900.750.....Gait
G11.427.410.568.900.750.500.....Walking Speed
G11.427.410.568.900.875.....Stair Climbing
G11.427.410.698.....Motor Activity
G11.427.410.698.277.....Exercise
G11.427.410.698.277.124.....Cool-Down Exercise
G11.427.410.698.277.156.....Gymnastics
G11.427.410.698.277.249.....Muscle Stretching Exercises
G11.427.410.698.277.280.....Physical Conditioning, Animal
G11.427.410.698.277.311.....Physical Conditioning, Human
G11.427.410.698.277.311.125.....Circuit-Based Exercise
G11.427.410.698.277.311.250.....High-Intensity Interval Training
G11.427.410.698.277.311.500.....Plyometric Exercise
G11.427.410.698.277.311.750.....Resistance Training
G11.427.410.698.277.750.....Running
G11.427.410.698.277.750.320.....Jogging
G11.427.410.698.277.875.....Swimming
G11.427.410.698.277.937.....Walking
G11.427.410.698.277.937.500.....Stair Climbing
G11.427.410.698.277.968.....Warm-Up Exercise
G11.427.410.698.416.....Flight, Animal
G11.427.410.698.555.....Freezing Reaction, Cataleptic
G11.427.410.698.680.....Immobility Response, Tonic
G11.427.410.698.840.....Pronation
G11.427.410.698.920.....Supination
G11.427.410.849.....Organ Motion
G11.427.494.....Muscle Contraction
G11.427.494.235.....Excitation Contraction Coupling
G11.427.494.472.....Isometric Contraction
G11.427.494.493.....Isotonic Contraction
G11.427.494.554.....Muscle Relaxation
G11.427.494.554.250.....Diastole
G11.427.494.570.....Myocardial Contraction
G11.427.494.570.295.....Diastole
G11.427.494.570.880.....Systole
G11.427.494.730.....Myoelectric Complex, Migrating
G11.427.494.890.....Uterine Contraction
G11.427.550.....Muscle Fatigue
G11.427.560.....Muscle Strength

## 2018 MeSH Tree Hierarchy

Tree location
G11.427.560.500.....Hand Strength
G11.427.560.500.500.....Pinch Strength
G11.427.565.....Muscle Tonus
G11.427.578.....Musculoskeletal Development
G11.427.578.100.....Bone Development
G11.427.578.100.175.....Calcification, Physiologic
G11.427.578.100.478.....Maxillofacial Development
G11.427.578.100.729.....Osteogenesis
G11.427.578.180.....Chondrogenesis
G11.427.578.590.....Muscle Development
G11.427.680.....Physical Endurance
G11.427.680.134.....Anaerobic Threshold
G11.427.680.270.....Exercise Tolerance
G11.427.683.....Physical Exertion
G11.427.685.....Physical Fitness
G11.427.685.500.....Cardiorespiratory Fitness
G11.427.690.....Postural Balance
G11.427.695.....Posture
G11.427.695.300.....Head-Down Tilt
G11.427.695.380.....Knee-Chest Position
G11.427.695.525.....Prone Position
G11.427.695.625.....Supine Position
G11.427.700.....Psychomotor Performance
G11.427.760.....Range of Motion, Articular
G11.427.760.500.....Arthrometry, Articular
G11.561.....Nervous System Physiological Phenomena
G11.561.035.....Arousal
G11.561.035.738.....Wakefulness
G11.561.050.....Axonal Transport
G11.561.127.....Brain Waves
G11.561.127.500.....Alpha Rhythm
G11.561.127.750.....Beta Rhythm
G11.561.127.875.....Delta Rhythm
G11.561.127.906.....Gamma Rhythm
G11.561.127.937.....Theta Rhythm
G11.561.148.....Central Nervous System Sensitization
G11.561.170.....Cerebrospinal Fluid Pressure
G11.561.170.505.....Intracranial Pressure
G11.561.175.....Chronaxy
G11.561.200.....Cortical Excitability
G11.561.200.500.....Evoked Potentials



## 2018 MeSH Tree Hierarchy

Tree location
G11.561.200.500.250.....Contingent Negative Variation
G11.561.200.500.300.....Cortical Spreading Depression
G11.561.200.500.350.....Event-Related Potentials, P300
G11.561.200.500.370.....Evoked Potentials, Auditory
G11.561.200.500.370.223.....Cochlear Microphonic Potentials
G11.561.200.500.370.300.....Evoked Potentials, Auditory, Brain Stem
G11.561.200.500.385.....Evoked Potentials, Motor
G11.561.200.500.400.....Evoked Potentials, Somatosensory
G11.561.200.500.400.500.....Laser-Evoked Potentials
G11.561.200.500.425.....Evoked Potentials, Visual
G11.561.225.....Dominance, Cerebral
G11.561.225.425.....Functional Laterality
G11.561.225.425.500.....Dominance, Ocular
G11.561.312.....Habituation, Psychophysiological
G11.561.398.....Higher Nervous Activity
G11.561.484.....Kindling, Neurologic
G11.561.570.....Membrane Potentials
G11.561.570.100.....Action Potentials
G11.561.570.837.....Myoelectric Complex, Migrating
G11.561.570.918.....Synaptic Potentials
G11.561.570.918.249.....Excitatory Postsynaptic Potentials
G11.561.570.918.374.....Inhibitory Postsynaptic Potentials
G11.561.570.918.500.....Miniature Postsynaptic Potentials
G11.561.570.918.750.....Postsynaptic Potential Summation
G11.561.585.....Nerve Regeneration
G11.561.585.250.....Remyelination
G11.561.585.500.....Spinal Cord Regeneration
G11.561.601.....Neural Conduction
G11.561.601.760.....Recruitment, Neurophysiological
G11.561.601.770.....Refractory Period, Electrophysiological
G11.561.616.....Neural Inhibition
G11.561.616.500.....Inhibitory Postsynaptic Potentials
G11.561.620.....Neurogenesis
G11.561.620.750.....Neuronal Outgrowth
G11.561.620.750.250.....Axon Fasciculation
G11.561.620.750.500.....Axon Guidance
G11.561.630.....Neuroimmunomodulation
G11.561.638.....Neuronal Plasticity
G11.561.638.350.....Long-Term Potentiation
G11.561.638.355.....Long-Term Synaptic Depression
G11.561.645.....Neuroprotection

## 2018 MeSH Tree Hierarchy

Tree location
G11.561.653.....Neurosecretion
G11.561.660.....Psychomotor Performance
G11.561.677.....Reaction Time
G11.561.731.....Reflex
G11.561.731.063.....Baroreflex
G11.561.731.127.....Blinking
G11.561.731.189.....Diving Reflex
G11.561.731.251.....Gagging
G11.561.731.482.....Piloerection
G11.561.731.580.....Reflex, Abdominal
G11.561.731.587.....Reflex, Abnormal
G11.561.731.594.....Reflex, Acoustic
G11.561.731.618.....Reflex, Babinski
G11.561.731.643.....Reflex, Monosynaptic
G11.561.731.643.474.....H-Reflex
G11.561.731.685.....Reflex, Oculocardiac
G11.561.731.705.....Reflex, Pupillary
G11.561.731.745.....Reflex, Righting
G11.561.731.768.....Reflex, Stretch
G11.561.731.781.....Reflex, Trigemino-cardiac
G11.561.731.795.....Reflex, Vestibulo-Ocular
G11.561.731.869.....Reflex, Startle
G11.561.785.....Refractory Period, Electrophysiological
G11.561.790.....Sensation
G11.561.790.255.....Gravity Sensing
G11.561.790.263.....Hearing
G11.561.790.263.398.....Bone Conduction
G11.561.790.263.570.....Otoacoustic Emissions, Spontaneous
G11.561.790.308.....Mastodynia
G11.561.790.353.....Musculoskeletal Pain
G11.561.790.353.500.....Myalgia
G11.561.790.444.....Pain
G11.561.790.444.350.....Arthralgia
G11.561.790.444.350.500.....Shoulder Pain
G11.561.790.444.393.....Breakthrough Pain
G11.561.790.444.700.....Pain Threshold
G11.561.790.444.850.....Renal Colic
G11.561.790.541.....Proprioception
G11.561.790.541.587.....Kinesthesia
G11.561.790.541.595.....Postural Balance
G11.561.790.643.....Smell

## 2018 MeSH Tree Hierarchy

Tree location
G11.561.790.724.....Taste
G11.561.790.724.880.....Taste Threshold
G11.561.790.781.....Thermosensing
G11.561.790.850.....Touch
G11.561.790.964.....Vision, Ocular
G11.561.790.964.124.....Color Vision
G11.561.790.964.186.....Mesopic Vision
G11.561.790.964.186.624.....Rod-Cone Interaction
G11.561.790.964.249.....Night Vision
G11.561.790.964.500.....Phosphenes
G11.561.790.964.730.....Vision, Entoptic
G11.561.794.....Sensory Gating
G11.561.794.500.....Prepulse Inhibition
G11.561.803.....Sleep
G11.561.803.377.....Sleep Latency
G11.561.803.754.....Sleep Stages
G11.561.803.754.671.....Sleep, REM
G11.561.812.....Speech
G11.561.812.650.....Speech Acoustics
G11.561.812.686.....Speech Intelligibility
G11.561.820.....Speech Acoustics
G11.561.830.....Synaptic Transmission
G11.561.830.750.....Synaptic Potentials
G11.561.830.750.199.....Excitatory Postsynaptic Potentials
G11.561.830.750.400.....Inhibitory Postsynaptic Potentials
G11.561.830.750.560.....Miniature Postsynaptic Potentials
G11.561.830.750.780.....Postsynaptic Potential Summation
G11.561.840.....Taste Threshold
G12.....Immune System Phenomena
G12.040.....Antibody Affinity
G12.070.....Antibody Formation
G12.070.500.....Immunogenicity, Vaccine
G12.100.....Antibody Specificity
G12.113.....Antibody-Dependent Enhancement
G12.119.....Antigen Presentation
G12.122.....Antigen-Antibody Reactions
G12.122.100.....Agglutination
G12.122.100.200.....Hemagglutination
G12.122.100.700.....Sperm Agglutination
G12.122.125.....Antibody Affinity
G12.122.140.....Antigenic Modulation

## 2018 MeSH Tree Hierarchy

Tree location	
G12.122.232.....	Binding Sites, Antibody
G12.122.281.....	Cross Reactions
G12.122.545.....	Hemolysis
G12.122.612.....	Immunologic Capping
G12.122.754.....	Passive Cutaneous Anaphylaxis
G12.122.780.....	Rh Isoimmunization
G12.125.....	Binding Sites, Antibody
G12.186.....	Blood Group Incompatibility
G12.186.750.....	Rh Isoimmunization
G12.248.....	CD4-CD8 Ratio
G12.261.....	Clonal Selection, Antigen-Mediated
G12.274.....	Complement Activation
G12.274.695.....	Complement Pathway, Alternative
G12.274.698.....	Complement Pathway, Classical
G12.274.849.....	Complement Pathway, Mannose-Binding Lectin
G12.287.....	Cytotoxicity, Immunologic
G12.287.070.....	Antibody-Dependent Cell Cytotoxicity
G12.287.500.....	Macrophage Activation
G12.300.....	Dose-Response Relationship, Immunologic
G12.300.500.....	Vaccine Potency
G12.350.....	Histamine Release
G12.400.....	HIV Seronegativity
G12.413.....	Immune Evasion
G12.432.....	Immune Reconstitution
G12.450.....	Immunity
G12.450.050.....	Adaptive Immunity
G12.450.050.184.....	Clonal Selection, Antigen-Mediated
G12.450.050.370.....	Immunity, Active
G12.450.050.370.500.....	Immunogenicity, Vaccine
G12.450.050.400.....	Immunity, Cellular
G12.450.050.400.070.....	Antigen Presentation
G12.450.050.400.412.....	Immunologic Surveillance
G12.450.050.400.545.....	Lymphocyte Activation
G12.450.050.400.545.150.....	Cross-Priming
G12.450.050.420.....	Immunity, Humoral
G12.450.050.460.....	Immunogenicity, Vaccine
G12.450.050.500.....	Immunologic Memory
G12.450.192.....	Autoimmunity
G12.450.275.....	Cross Protection
G12.450.400.....	Immunity, Herd
G12.450.418.....	Immunity, Heterologous

## 2018 MeSH Tree Hierarchy

Tree location	
G12.450.564.....	Immunity, Innate
G12.450.564.204.....	Blood Bactericidal Activity
G12.450.564.250.....	Disease Resistance
G12.450.564.809.....	Phagocytosis
G12.450.564.809.500.....	Cytophagocytosis
G12.450.570.....	Immunity, Maternally-Acquired
G12.450.573.....	Immunity, Mucosal
G12.450.800.....	Plant Immunity
G12.450.800.250.....	Disease Resistance
G12.450.900.....	T-Cell Antigen Receptor Specificity
G12.460.....	Immunocompetence
G12.460.500.....	Immunosenescence
G12.470.....	Immunocompromised Host
G12.470.500.....	Radiation Chimera
G12.500.....	Immunogenetic Phenomena
G12.500.199.....	Antibody Diversity
G12.500.249.....	Antigenic Variation
G12.500.274.....	Gene Rearrangement, B-Lymphocyte
G12.500.274.501.....	Gene Rearrangement, B-Lymphocyte, Heavy Chain
G12.500.274.501.450.....	Immunoglobulin Class Switching
G12.500.274.601.....	Gene Rearrangement, B-Lymphocyte, Light Chain
G12.500.287.....	Gene Rearrangement, T-Lymphocyte
G12.500.287.111.....	Gene Rearrangement, alpha-Chain T-Cell Antigen Receptor
G12.500.287.211.....	Gene Rearrangement, beta-Chain T-Cell Antigen Receptor
G12.500.287.261.....	Gene Rearrangement, delta-Chain T-Cell Antigen Receptor
G12.500.287.311.....	Gene Rearrangement, gamma-Chain T-Cell Antigen Receptor
G12.500.299.....	Genes, Immunoglobulin
G12.500.400.....	Immunoglobulin Allotypes
G12.500.400.586.....	Immunoglobulin Gm Allotypes
G12.500.400.587.....	Immunoglobulin Km Allotypes
G12.500.450.....	Immunoglobulin Idiotypes
G12.500.500.....	Major Histocompatibility Complex
G12.500.500.595.....	Genes, MHC Class I
G12.500.500.600.....	Genes, MHC Class II
G12.500.530.....	Minor Histocompatibility Loci
G12.500.560.....	Minor Lymphocyte Stimulatory Loci
G12.500.780.....	Somatic Hypermutation, Immunoglobulin
G12.513.....	Immunogenicity, Vaccine
G12.525.....	Immunologic Surveillance
G12.535.....	Immunomodulation
G12.535.425.....	Immune Tolerance

## 2018 MeSH Tree Hierarchy

Tree location
G12.535.425.100.....Clonal Anergy
G12.535.425.120.....Clonal Deletion
G12.535.425.460.....Immune Privilege
G12.535.425.800.....Self Tolerance
G12.535.425.800.200.....Central Tolerance
G12.535.425.800.600.....Peripheral Tolerance
G12.535.425.910.....Tachyphylaxis
G12.535.425.955.....Transplantation Tolerance
G12.535.575.....Neuroimmunomodulation
G12.565.....Lymphocyte Activation
G12.565.150.....Cross-Priming
G12.575.....Lymphocyte Cooperation
G12.604.....Neutrophil Activation
G12.632.....Neutrophil Infiltration
G12.688.....Phagocytosis
G12.688.500.....Cytophagocytosis
G12.800.....Seroconversion
G12.838.....Th1-Th2 Balance
G12.875.....Transplantation Immunology
G12.875.402.....Graft vs Host Reaction
G12.875.402.320.....Graft vs Tumor Effect
G12.875.402.320.320.....Graft vs Leukemia Effect
G12.875.519.....Histocompatibility
G12.875.519.500.....Histocompatibility, Maternal-Fetal
G12.875.545.....Host vs Graft Reaction
G12.875.545.328.....Graft Rejection
G12.875.545.340.....Graft Survival
G12.900.....Tumor Escape
G13.....Integumentary System Physiological Phenomena
G13.500.....Hair Color
G13.750.....Skin Physiological Phenomena
G13.750.208.....Cutaneous Elimination
G13.750.415.....Galvanic Skin Response
G13.750.622.....Piloerection
G13.750.726.....Re-Epithelialization
G13.750.778.....Skin Absorption
G13.750.804.....Skin Aging
G13.750.837.....Skin Pigmentation
G13.750.837.500.....Suntan
G13.750.844.....Skin Temperature
G13.750.860.....Sweating

## 2018 MeSH Tree Hierarchy

Tree location
G14.....Ocular Physiological Phenomena
G14.010.....Accommodation, Ocular
G14.020.....Adaptation, Ocular
G14.020.371.....Dark Adaptation
G14.040.....Afterimage
G14.152.....Blinking
G14.264.....Dominance, Ocular
G14.330.....Evoked Potentials, Visual
G14.340.....Eye Color
G14.350.....Eye Movements
G14.350.217.....Convergence, Ocular
G14.350.253.....Fixation, Ocular
G14.350.378.....Nystagmus, Physiologic
G14.350.378.500.....Nystagmus, Optokinetic
G14.350.453.....Pursuit, Smooth
G14.350.500.....Saccades
G14.360.....Figural Aftereffect
G14.370.....Flicker Fusion
G14.400.....Glare
G14.440.....Intraocular Pressure
G14.540.....Lacrimal Elimination
G14.590.....Ocular Absorption
G14.700.....Optic Flow
G14.760.....Refraction, Ocular
G14.930.....Vision Disparity
G14.935.....Vision, Ocular
G14.935.124.....Color Vision
G14.935.186.....Mesopic Vision
G14.935.186.624.....Rod-Cone Interaction
G14.935.249.....Night Vision
G14.935.500.....Phosphenes
G14.935.730.....Vision, Entoptic
G14.940.....Visual Acuity
G14.940.500.....Contrast Sensitivity
G14.940.750.....Emmetropia
G14.950.....Visual Fields
G15.....Plant Physiological Phenomena
G15.150.....Etiolation
G15.300.....Gametogenesis, Plant
G15.357.....Germination
G15.357.500.....Plant Dormancy

## 2018 MeSH Tree Hierarchy

Tree location
G15.375.....Gravity Sensing
G15.525.....Organogenesis, Plant
G15.547.....Parthenogenesis
G15.547.500.....Apomixis
G15.568.....Photosynthesis
G15.589.....Plant Development
G15.610.....Plant Diseases
G15.610.700.....Plant Tumors
G15.620.....Plant Dispersal
G15.620.500.....Seed Dispersal
G15.630.....Plant Immunity
G15.630.250.....Disease Resistance
G15.649.....Plant Infertility
G15.682.....Plant Root Nodulation
G15.698.....Plant Somatic Embryogenesis Techniques
G15.713.....Plant Transpiration
G15.776.....Pollination
G15.808.....Seed Dispersal
G15.830.....Self-Fertilization
G15.840.....Self-Incompatibility in Flowering Plants
G15.920.....Tropism
G15.920.400.....Gravitropism
G15.920.700.....Phototropism
G16.....Biological Phenomena
G16.012.....Adaptation, Biological
G16.012.500.....Adaptation, Physiological
G16.012.500.133.....Acclimatization
G16.012.500.133.250.....Salt-Tolerance
G16.012.500.133.500.....Thermotolerance
G16.012.500.274.....Allostasis
G16.012.500.535.....Body Temperature Regulation
G16.012.500.535.693.....Sweating
G16.012.500.535.778.....Thermogenesis
G16.012.500.535.778.500.....Shivering
G16.012.500.535.889.....Torpor
G16.012.500.535.889.249.....Estivation
G16.012.500.535.889.500.....Hibernation
G16.012.750.....Biological Mimicry
G16.012.750.500.....Molecular Mimicry
G16.024.....Allelopathy
G16.049.....Animal Distribution



## 2018 MeSH Tree Hierarchy

Tree location
G16.062.....Antibiosis
G16.075.....Biological Evolution
G16.075.125.....Biological Coevolution
G16.075.250.....Evolution, Molecular
G16.075.250.750.....Mutation Rate
G16.075.350.....Genetic Speciation
G16.075.605.....Phylogeny
G16.075.802.....Reproductive Isolation
G16.115.....Biological Variation, Individual
G16.117.....Biological Variation, Population
G16.117.500.....Anatomic Variation
G16.150.....Colony Collapse
G16.500.....Ecological and Environmental Phenomena
G16.500.050.....Air Ionization
G16.500.100.....Biofouling
G16.500.150.....Carbon Cycle
G16.500.150.500.....Carbon Sequestration
G16.500.175.....Climatic Processes
G16.500.175.249.....Air Movements
G16.500.175.249.200.....Wind
G16.500.175.374.....Climate Change
G16.500.175.374.500.....Global Warming
G16.500.175.500.....Cyclonic Storms
G16.500.175.781.....Droughts
G16.500.175.812.....Floods
G16.500.175.827.....Greenhouse Effect
G16.500.175.843.....Lightning
G16.500.175.859.....Rain
G16.500.175.859.050.....Acid Rain
G16.500.175.867.....Snow
G16.500.175.875.....Tidal Waves
G16.500.200.....Cosmic Radiation
G16.500.275.....Environment
G16.500.275.058.....Altitude
G16.500.275.063.....Atmosphere
G16.500.275.063.150.....Air
G16.500.275.063.150.500.....Compressed Air
G16.500.275.063.700.....Stratospheric Ozone
G16.500.275.063.725.....Weather
G16.500.275.063.725.154.....Air Movements
G16.500.275.063.725.154.200.....Wind

## 2018 MeSH Tree Hierarchy

Tree location	
G16.500.275.063.725.310.....	Humidity
G16.500.275.063.725.395.....	Rain
G16.500.275.063.725.395.050.....	Acid Rain
G16.500.275.063.725.480.....	Snow
G16.500.275.063.725.525.....	Sunlight
G16.500.275.063.725.525.400.....	Infrared Rays
G16.500.275.063.725.525.600.....	Ultraviolet Rays
G16.500.275.063.725.710.....	Temperature
G16.500.275.063.725.710.300.....	Cold Temperature
G16.500.275.063.725.710.380.....	Hot Temperature
G16.500.275.066.....	Carbon Footprint
G16.500.275.067.....	Caves
G16.500.275.069.....	Cities
G16.500.275.071.....	Climate
G16.500.275.071.275.....	Cold Climate
G16.500.275.071.325.....	Desert Climate
G16.500.275.071.387.....	El Nino-Southern Oscillation
G16.500.275.071.450.....	Microclimate
G16.500.275.071.590.....	Seasons
G16.500.275.071.600.....	Tropical Climate
G16.500.275.074.....	Confined Spaces
G16.500.275.157.....	Ecosystem
G16.500.275.157.049.....	Biodiversity
G16.500.275.157.049.100.....	Biota
G16.500.275.157.049.100.500.....	Microbiota
G16.500.275.157.049.100.500.375.....	Gastrointestinal Microbiome
G16.500.275.157.049.100.500.750.....	Microbial Consortia
G16.500.275.157.049.100.500.875.....	Mycobiome
G16.500.275.157.049.100.500.937.....	Periphyton
G16.500.275.157.049.230.....	Ecotype
G16.500.275.157.049.250.....	Endangered Species
G16.500.275.157.049.400.....	Introduced Species
G16.500.275.157.100.....	Biomass
G16.500.275.157.130.....	Coral Reefs
G16.500.275.157.240.....	Ecological Systems, Closed
G16.500.275.157.250.....	Food Chain
G16.500.275.157.437.....	Forests
G16.500.275.157.437.500.....	Rainforest
G16.500.275.157.437.750.....	Taiga
G16.500.275.157.531.....	Grassland
G16.500.275.157.625.....	Rhizosphere

## 2018 MeSH Tree Hierarchy

Tree location
G16.500.275.157.718.....Tundra
G16.500.275.157.718.500.....Permafrost
G16.500.275.157.812.....Wetlands
G16.500.275.240.....Extraterrestrial Environment
G16.500.275.240.200.....Cosmic Dust
G16.500.275.260.....Extreme Environments
G16.500.275.260.500.....Hot Springs
G16.500.275.260.750.....Hydrothermal Vents
G16.500.275.280.....Fresh Water
G16.500.275.280.500.....Lakes
G16.500.275.280.625.....Ponds
G16.500.275.280.650.....Rivers
G16.500.275.410.....Ice
G16.500.275.410.500.....Ice Cover
G16.500.275.505.....Islands
G16.500.275.553.....Natural Resources
G16.500.275.553.500.....Water Resources
G16.500.275.600.....Noise
G16.500.275.640.....Odorants
G16.500.275.683.....Refugium
G16.500.275.725.....Saline Waters
G16.500.275.725.500.....Seawater
G16.500.275.725.500.650.....Oceans and Seas
G16.500.275.725.500.650.075.....Aquatic Organisms
G16.500.275.815.....Soil
G16.500.275.815.500.....Permafrost
G16.500.275.965.....Wilderness
G16.500.285.....Eutrophication
G16.500.285.400.....Harmful Algal Bloom
G16.500.320.....Geologic Sediments
G16.500.750.....Meteorological Concepts
G16.500.750.274.....Atmospheric Pressure
G16.500.750.274.100.....Air Pressure
G16.500.750.274.902.....Vacuum
G16.500.750.775.....Weather
G16.500.750.775.154.....Droughts
G16.500.750.775.232.....Extreme Cold
G16.500.750.775.271.....Extreme Heat
G16.500.750.775.310.....Humidity
G16.500.750.775.342.....Ice
G16.500.750.775.375.....Lightning

## 2018 MeSH Tree Hierarchy

Tree location
G16.500.750.775.450.....Rain
G16.500.750.775.450.050.....Acid Rain
G16.500.750.775.480.....Snow
G16.500.750.775.525.....Sunlight
G16.500.750.775.525.400.....Infrared Rays
G16.500.750.775.525.600.....Ultraviolet Rays
G16.500.750.775.710.....Temperature
G16.500.750.775.710.300.....Cold Temperature
G16.500.750.775.710.380.....Hot Temperature
G16.500.750.775.745.....Tornadoes
G16.500.750.775.780.....Wind
G16.500.768.....Nitrogen Cycle
G16.500.768.249.....Denitrification
G16.500.768.500.....Nitrification
G16.500.768.600.....Nitrogen Fixation
G16.500.785.....Ozone Depletion
G16.500.819.....Refugium
G16.500.853.....Rhizosphere
G16.500.887.....Steam
G16.500.943.....Water Cycle
G16.500.971.....Water Movements
G16.505.....Environmental Biomarkers
G16.510.....Extinction, Biological
G16.543.....Host-Pathogen Interactions
G16.543.380.....Host Specificity
G16.543.400.....Host-Parasite Interactions
G16.543.700.....Immune Evasion
G16.559.....Host-Seeking Behavior
G16.575.....Life History Traits
G16.645.....Organelle Biogenesis
G16.650.....Origin of Life
G16.690.....Pigmentation
G16.690.360.....Eye Color
G16.690.490.....Hair Color
G16.690.890.....Skin Pigmentation
G16.757.....Recovery of Function
G16.762.....Regeneration
G16.762.150.....Bone Remodeling
G16.762.150.150.....Bone Regeneration
G16.762.150.150.570.....Osseointegration
G16.762.468.....Liver Regeneration

## 2018 MeSH Tree Hierarchy

Tree location
G16.762.611.....Nerve Regeneration
G16.762.611.250.....Remyelination
G16.762.611.500.....Spinal Cord Regeneration
G16.762.891.....Wound Healing
G16.762.891.249.....Cicatrix
G16.762.891.500.....Fracture Healing
G16.762.891.750.....Re-Epithelialization
G16.767.....Remission, Spontaneous
G16.767.500.....Neoplasm Regression, Spontaneous
G16.824.....Species Specificity
G16.840.....Symbiosis
G16.920.....Tissue Survival
G17.....Mathematical Concepts
G17.035.....Algorithms
G17.035.250.....Artificial Intelligence
G17.035.250.500.....Machine Learning
G17.035.250.500.500.....Supervised Machine Learning
G17.035.250.500.500.500.....Support Vector Machine
G17.035.250.500.750.....Unsupervised Machine Learning
G17.162.....Decision Theory
G17.162.500.....Decision Trees
G17.226.....Fourier Analysis
G17.290.....Fractals
G17.388.....Game Theory
G17.485.....Neural Networks (Computer)
G17.582.....Nomograms
G17.680.....Probability
G17.680.500.....Odds Ratio
G17.680.750.....Risk
G17.680.875.....Uncertainty
G17.800.....Sensitivity and Specificity
G17.800.500.....Signal-To-Noise Ratio
G17.820.....Statistical Distributions
G17.820.250.....Binomial Distribution
G17.820.300.....Chi-Square Distribution
G17.820.500.....Normal Distribution
G17.820.750.....Poisson Distribution
G17.830.....Stochastic Processes
G17.830.500.....Markov Chains
G17.915.....Wavelet Analysis
H01.....Natural Science Disciplines

## 2018 MeSH Tree Hierarchy

Tree location
H01.158.....Biological Science Disciplines
H01.158.100.....Anatomy
H01.158.100.091.....Anatomy, Artistic
H01.158.100.154.....Anatomy, Comparative
H01.158.100.185.....Anatomy, Cross-Sectional
H01.158.100.185.905.....Visible Human Projects
H01.158.100.216.....Anatomy, Regional
H01.158.100.279.....Anatomy, Veterinary
H01.158.100.433.....Cell Biology
H01.158.100.529.....Embryology
H01.158.100.529.500.....Teratology
H01.158.100.656.....Histology
H01.158.100.656.234.....Histocytochemistry
H01.158.100.656.234.512.....Immunohistochemistry
H01.158.100.656.469.....Histology, Comparative
H01.158.100.700.....Neuroanatomy
H01.158.100.720.....Osteology
H01.158.201.....Biochemistry
H01.158.201.085.....Carbohydrate Biochemistry
H01.158.201.085.320.....Glycomics
H01.158.201.214.....Chemistry, Bioinorganic
H01.158.201.344.....Histocytochemistry
H01.158.201.344.512.....Immunohistochemistry
H01.158.201.486.....Immunochemistry
H01.158.201.486.512.....Immunohistochemistry
H01.158.201.586.....Metabolomics
H01.158.201.636.....Molecular Biology
H01.158.201.636.475.....Molecular Medicine
H01.158.201.636.475.500.....Molecular Epidemiology
H01.158.201.636.475.750.....Pathology, Molecular
H01.158.201.687.....Neurochemistry
H01.158.201.843.....Proteomics
H01.158.201.843.500.....Proteogenomics
H01.158.273.....Biology
H01.158.273.118.....Botany
H01.158.273.118.299.....Ethnobotany
H01.158.273.118.598.....Pharmacognosy
H01.158.273.118.598.500.....Herbal Medicine
H01.158.273.160.....Cell Biology
H01.158.273.180.....Computational Biology
H01.158.273.180.350.....Genomics

## 2018 MeSH Tree Hierarchy

Tree location
H01.158.273.180.350.074.....Epigenomics
H01.158.273.180.350.150.....Glycomics
H01.158.273.180.350.162.....HapMap Project
H01.158.273.180.350.174.....Human Genome Project
H01.158.273.180.350.349.....Nutrigenomics
H01.158.273.180.350.700.....Proteomics
H01.158.273.180.350.700.500.....Proteogenomics
H01.158.273.180.599.....Metabolomics
H01.158.273.180.800.....Systems Biology
H01.158.273.195.....Cryobiology
H01.158.273.200.....Developmental Biology
H01.158.273.200.350.....Embryology
H01.158.273.200.350.500.....Teratology
H01.158.273.200.675.....Plant Pathology
H01.158.273.248.....Ecology
H01.158.273.248.500.....Ecotoxicology
H01.158.273.248.750.....Hydrobiology
H01.158.273.248.750.249.....Freshwater Biology
H01.158.273.248.750.500.....Marine Biology
H01.158.273.248.875.....Hydrology
H01.158.273.295.....Exobiology
H01.158.273.343.....Genetics
H01.158.273.343.180.....Cytogenetics
H01.158.273.343.249.....Genetic Research
H01.158.273.343.249.099.....Gene Ontology
H01.158.273.343.249.199.....HapMap Project
H01.158.273.343.249.400.....Human Genome Project
H01.158.273.343.290.....Genetics, Behavioral
H01.158.273.343.330.....Genetics, Microbial
H01.158.273.343.335.....Genetics, Population
H01.158.273.343.335.500.....Phylogeography
H01.158.273.343.350.....Genomics
H01.158.273.343.350.042.....Epigenomics
H01.158.273.343.350.086.....Glycomics
H01.158.273.343.350.130.....HapMap Project
H01.158.273.343.350.174.....Human Genome Project
H01.158.273.343.350.261.....Metagenomics
H01.158.273.343.350.349.....Nutrigenomics
H01.158.273.343.350.700.....Proteomics
H01.158.273.343.350.700.500.....Proteogenomics
H01.158.273.343.385.....Human Genetics

## 2018 MeSH Tree Hierarchy

Tree location
H01.158.273.343.385.500.....Genetics, Medical
H01.158.273.343.385.500.384.....Genetic Counseling
H01.158.273.343.385.750.....HapMap Project
H01.158.273.343.385.875.....Human Genome Project
H01.158.273.343.420.....Immunogenetics
H01.158.273.343.595.....Molecular Biology
H01.158.273.343.595.475.....Molecular Medicine
H01.158.273.343.595.475.500.....Molecular Epidemiology
H01.158.273.343.595.475.750.....Pathology, Molecular
H01.158.273.343.750.....Pharmacogenetics
H01.158.273.343.800.....Radiation Genetics
H01.158.273.343.900.....Toxicogenetics
H01.158.273.368.....Laboratory Animal Science
H01.158.273.540.....Microbiology
H01.158.273.540.177.....Bacteriology
H01.158.273.540.274.....Environmental Microbiology
H01.158.273.540.274.110.....Air Microbiology
H01.158.273.540.274.332.....Food Microbiology
H01.158.273.540.274.555.....Soil Microbiology
H01.158.273.540.274.777.....Water Microbiology
H01.158.273.540.367.....Genetics, Microbial
H01.158.273.540.460.....Industrial Microbiology
H01.158.273.540.553.....Mycology
H01.158.273.540.706.....Plant Pathology
H01.158.273.540.859.....Virology
H01.158.273.602.....Natural History
H01.158.273.610.....Neurobiology
H01.158.273.688.....Parasitology
H01.158.273.688.500.....Food Parasitology
H01.158.273.738.....Photobiology
H01.158.273.789.....Radiobiology
H01.158.273.866.....Sociobiology
H01.158.273.904.....Synthetic Biology
H01.158.273.943.....Zoology
H01.158.273.943.409.....Entomology
H01.158.344.....Biophysics
H01.158.344.310.....Bionics
H01.158.344.528.....Electrophysiology
H01.158.344.528.500.....Cardiac Electrophysiology
H01.158.550.....Biotechnology
H01.158.550.100.....Biomimetics



## 2018 MeSH Tree Hierarchy

Tree location
H01.158.580.....Chronobiology Discipline
H01.158.610.....Neurosciences
H01.158.610.030.....Cognitive Neuroscience
H01.158.610.060.....Neuroanatomy
H01.158.610.080.....Neurobiology
H01.158.610.110.....Neurochemistry
H01.158.610.160.....Neuroendocrinology
H01.158.610.184.....Neuropathology
H01.158.610.208.....Neuropharmacology
H01.158.610.268.....Neurophysiology
H01.158.703.....Pharmacology
H01.158.703.003.....Biopharmaceutics
H01.158.703.007.....Chemistry, Pharmaceutical
H01.158.703.007.675.....Drug Discovery
H01.158.703.007.675.500.....Drug Design
H01.158.703.015.....Ethnopharmacology
H01.158.703.030.....Neuropharmacology
H01.158.703.045.....Pharmacoepidemiology
H01.158.703.052.....Pharmacogenetics
H01.158.703.060.....Pharmacognosy
H01.158.703.060.500.....Herbal Medicine
H01.158.703.152.....Pharmacology, Clinical
H01.158.703.546.....Psychopharmacology
H01.158.782.....Physiology
H01.158.782.236.....Electrophysiology
H01.158.782.236.500.....Cardiac Electrophysiology
H01.158.782.323.....Endocrinology
H01.158.782.323.200.....Neuroendocrinology
H01.158.782.562.....Neurophysiology
H01.158.782.688.....Physiology, Comparative
H01.158.782.795.....Psychophysiology
H01.158.782.795.110.....Neuropsychology
H01.158.782.795.180.....Psychoneuroimmunology
H01.158.891.....Toxicology
H01.158.891.211.....Ecotoxicology
H01.158.891.424.....Forensic Toxicology
H01.158.891.850.....Toxicogenetics
H01.181.....Chemistry
H01.181.122.....Biochemistry
H01.181.122.253.....Chemistry, Bioinorganic
H01.181.122.508.....Glycomics

## 2018 MeSH Tree Hierarchy

Tree location
H01.181.122.573.....Histocytochemistry
H01.181.122.573.512.....Immunohistochemistry
H01.181.122.605.....Immunochemistry
H01.181.122.605.512.....Immunohistochemistry
H01.181.122.638.....Metabolomics
H01.181.122.650.....Molecular Biology
H01.181.122.650.475.....Molecular Medicine
H01.181.122.650.475.550.....Molecular Epidemiology
H01.181.122.650.475.680.....Pathology, Molecular
H01.181.122.709.....Neurochemistry
H01.181.122.738.....Proteomics
H01.181.122.738.500.....Proteogenomics
H01.181.216.....Chemistry, Agricultural
H01.181.309.....Chemistry, Analytic
H01.181.341.....Chemistry, Clinical
H01.181.370.....Chemistry, Inorganic
H01.181.370.310.....Chemistry, Bioinorganic
H01.181.404.....Chemistry, Organic
H01.181.466.....Chemistry, Pharmaceutical
H01.181.466.675.....Drug Discovery
H01.181.466.675.500.....Drug Design
H01.181.529.....Chemistry, Physical
H01.181.529.240.....Crystallography
H01.181.529.307.....Electrochemistry
H01.181.529.711.....Photochemistry
H01.181.529.776.....Radiochemistry
H01.181.650.....Microchemistry
H01.277.....Earth Sciences
H01.277.249.....Ecology
H01.277.249.500.....Ecotoxicology
H01.277.249.750.....Hydrobiology
H01.277.249.750.249.....Freshwater Biology
H01.277.249.750.500.....Marine Biology
H01.277.249.875.....Hydrology
H01.277.500.....Geography
H01.277.500.097.....Geography, Medical
H01.277.500.097.500.....Topography, Medical
H01.277.500.589.....Phylogeography
H01.277.562.....Geology
H01.277.625.....Limnology
H01.277.625.500.....Freshwater Biology

## 2018 MeSH Tree Hierarchy

Tree location
H01.277.687.....Meteorology
H01.277.750.....Oceanography
H01.277.750.500.....Marine Biology
H01.277.875.....Paleontology
H01.413.....Materials Science
H01.548.....Mathematics
H01.548.675.....Nonlinear Dynamics
H01.548.832.....Statistics as Topic
H01.570.....Microtechnology
H01.603.....Nanotechnology
H01.603.600.....Nanomedicine
H01.603.600.500.....Theranostic Nanomedicine
H01.671.....Physics
H01.671.031.....Acoustics
H01.671.031.849.....Ultrasonics
H01.671.065.....Astronomy
H01.671.100.....Biophysics
H01.671.100.202.....Bionics
H01.671.293.....Electronics
H01.671.293.159.....Bionics
H01.671.293.319.....Electronics, Medical
H01.671.293.643.....Robotics
H01.671.368.....Health Physics
H01.671.493.....Magnetics
H01.671.515.....Mechanics
H01.671.547.....Meteorology
H01.671.579.....Nuclear Physics
H01.671.579.800.....Quantum Theory
H01.671.617.....Optics and Photonics
H01.671.617.249.....Fiber Optic Technology
H01.671.617.562.....Microscopy
H01.671.617.755.....Refractometry
H01.671.808.....Rheology
H01.671.808.500.....Microfluidics
H01.770.....Science
H01.770.552.....Natural History
H01.770.644.....Research
H01.770.644.053.....Animal Experimentation
H01.770.644.108.....Behavioral Research
H01.770.644.108.687.....Biobehavioral Sciences
H01.770.644.145.....Biomedical Research

## 2018 MeSH Tree Hierarchy

Tree location
H01.770.644.145.124.....Dental Research
H01.770.644.145.250.....Embryo Research
H01.770.644.145.300.....Fetal Research
H01.770.644.145.350.....Genetic Research
H01.770.644.145.350.124.....Gene Ontology
H01.770.644.145.350.249.....HapMap Project
H01.770.644.145.350.500.....Human Genome Project
H01.770.644.145.360.....Health Services Research
H01.770.644.145.360.500.....Comparative Effectiveness Research
H01.770.644.145.365.....Human Experimentation
H01.770.644.145.365.100.....Autoexperimentation
H01.770.644.145.365.750.....Nontherapeutic Human Experimentation
H01.770.644.145.365.875.....Therapeutic Human Experimentation
H01.770.644.145.390.....Nursing Research
H01.770.644.145.390.234.....Clinical Nursing Research
H01.770.644.145.390.385.....Nursing Administration Research
H01.770.644.145.390.413.....Nursing Education Research
H01.770.644.145.390.432.....Nursing Evaluation Research
H01.770.644.145.390.634.....Nursing Methodology Research
H01.770.644.145.431.....Outcome Assessment (Health Care)
H01.770.644.145.431.500.....Failure to Rescue, Health Care
H01.770.644.145.442.....Pharmaceutical Research
H01.770.644.145.452.....Pharmacy Research
H01.770.644.145.472.....Rehabilitation Research
H01.770.644.145.512.....Stem Cell Research
H01.770.644.145.675.....Translational Medical Research
H01.770.644.193.....Community-Based Participatory Research
H01.770.644.205.....Data Anonymization
H01.770.644.217.....Dual Use Research
H01.770.644.241.....Empirical Research
H01.770.644.241.424.....Grounded Theory
H01.770.644.241.850.....Qualitative Research
H01.770.644.241.850.750.....Hermeneutics
H01.770.644.287.....Interdisciplinary Research
H01.770.644.333.....Operations Research
H01.770.644.364.....Parapsychology
H01.770.644.487.....Peer Review, Research
H01.770.644.578.....Proof of Concept Study
H01.770.644.608.....Public Health Systems Research
H01.770.644.728.....Research Design
H01.770.644.864.....Research Report

## 2018 MeSH Tree Hierarchy

Tree location
H01.770.644.932.....Social Validity, Research
H01.770.787.....Systems Integration
H01.770.808.....Systems Theory
H02.....Health Occupations
H02.004.....Acupuncture
H02.010.....Allied Health Occupations
H02.010.150.....Audiology
H02.010.450.....Medical Laboratory Science
H02.010.500.....Occupational Therapy
H02.010.625.....Physical Therapy Specialty
H02.010.750.....Speech-Language Pathology
H02.010.800.....Technology, Dental
H02.010.850.....Technology, Radiologic
H02.010.850.700.....Teleradiology
H02.070.....Biomedical Engineering
H02.110.....Chiropractic
H02.163.....Dentistry
H02.163.090.....Dental Research
H02.163.180.....Dentistry, Operative
H02.163.232.....Evidence-Based Dentistry
H02.163.285.....Forensic Dentistry
H02.163.342.....General Practice, Dental
H02.163.394.....Geriatric Dentistry
H02.163.592.....Military Dentistry
H02.163.640.....Occupational Dentistry
H02.163.670.....Oral Medicine
H02.163.721.....Preventive Dentistry
H02.163.809.....School Dentistry
H02.163.876.....Specialties, Dental
H02.163.876.213.....Endodontics
H02.163.876.439.....Orthodontics
H02.163.876.506.....Pathology, Oral
H02.163.876.600.....Pediatric Dentistry
H02.163.876.623.....Periodontics
H02.163.876.708.....Prosthodontics
H02.163.876.708.500.....Resonance Frequency Analysis
H02.163.876.770.....Public Health Dentistry
H02.163.876.770.357.....Community Dentistry
H02.163.876.886.....Surgery, Oral
H02.163.876.886.500.....Orthognathic Surgery
H02.229.....Environmental Health

## 2018 MeSH Tree Hierarchy

Tree location
H02.229.333.....Health Physics
H02.229.656.....Sanitary Engineering
H02.229.782.....Sanitation
H02.249.....Evidence-Based Practice
H02.249.500.....Evidence-Based Dentistry
H02.249.750.....Evidence-Based Medicine
H02.249.750.500.....Evidence-Based Emergency Medicine
H02.249.875.....Evidence-Based Nursing
H02.269.....Health Services Administration
H02.309.....Hospital Administration
H02.385.....Medical Illustration
H02.403.....Medicine
H02.403.007.....Addiction Medicine
H02.403.014.....Adolescent Medicine
H02.403.029.....Aerospace Medicine
H02.403.044.....Allergy and Immunology
H02.403.044.500.....Immunochemistry
H02.403.066.....Anesthesiology
H02.403.074.....Bariatric Medicine
H02.403.090.....Behavioral Medicine
H02.403.200.....Clinical Medicine
H02.403.200.400.....Evidence-Based Medicine
H02.403.200.400.500.....Evidence-Based Emergency Medicine
H02.403.200.700.....Precision Medicine
H02.403.220.....Community Medicine
H02.403.225.....Dermatology
H02.403.230.....Disaster Medicine
H02.403.250.....Emergency Medicine
H02.403.250.500.....Pediatric Emergency Medicine
H02.403.330.....Forensic Medicine
H02.403.330.149.....Forensic Genetics
H02.403.330.300.....Forensic Pathology
H02.403.340.....General Practice
H02.403.340.500.....Family Practice
H02.403.350.....Genetics, Medical
H02.403.352.....Geography, Medical
H02.403.352.500.....Topography, Medical
H02.403.355.....Geriatrics
H02.403.371.....Global Health
H02.403.377.....Hospital Medicine
H02.403.400.....Integrative Medicine

## 2018 MeSH Tree Hierarchy

Tree location
H02.403.429.....Internal Medicine
H02.403.429.163.....Cardiology
H02.403.429.163.300.....Cardiac Electrophysiology
H02.403.429.323.....Endocrinology
H02.403.429.405.....Gastroenterology
H02.403.429.445.....Hematology
H02.403.429.445.500.....Transfusion Medicine
H02.403.429.480.....Infectious Disease Medicine
H02.403.429.515.....Medical Oncology
H02.403.429.515.250.....Psycho-Oncology
H02.403.429.515.500.....Radiation Oncology
H02.403.429.515.750.....Surgical Oncology
H02.403.429.580.....Nephrology
H02.403.429.675.....Pulmonary Medicine
H02.403.429.730.....Rheumatology
H02.403.429.865.....Sleep Medicine Specialty
H02.403.500.....Military Medicine
H02.403.530.....Molecular Medicine
H02.403.560.....Naval Medicine
H02.403.560.508.....Submarine Medicine
H02.403.600.....Neurology
H02.403.600.250.....Neuropathology
H02.403.600.500.....Neurotology
H02.403.640.....Osteopathic Medicine
H02.403.645.....Palliative Medicine
H02.403.650.....Pathology
H02.403.650.249.....Forensic Pathology
H02.403.650.375.....Neuropathology
H02.403.650.500.....Pathology, Clinical
H02.403.650.505.....Pathology, Molecular
H02.403.650.510.....Pathology, Surgical
H02.403.650.600.....Telepathology
H02.403.670.....Pediatrics
H02.403.670.400.....Neonatology
H02.403.670.450.....Pediatric Emergency Medicine
H02.403.670.500.....Perinatology
H02.403.680.....Physical and Rehabilitation Medicine
H02.403.680.600.....Rehabilitation
H02.403.680.600.250.....Cardiac Rehabilitation
H02.403.680.600.500.....Correction of Hearing Impairment
H02.403.680.600.750.....Neurological Rehabilitation

## 2018 MeSH Tree Hierarchy

Tree location
H02.403.680.600.750.500.....Stroke Rehabilitation
H02.403.680.600.875.....Psychiatric Rehabilitation
H02.403.680.600.937.....Telerehabilitation
H02.403.690.....Psychiatry
H02.403.690.080.....Adolescent Psychiatry
H02.403.690.100.....Biological Psychiatry
H02.403.690.130.....Child Psychiatry
H02.403.690.150.....Community Psychiatry
H02.403.690.150.580.....Preventive Psychiatry
H02.403.690.208.....Forensic Psychiatry
H02.403.690.260.....Geriatric Psychiatry
H02.403.690.508.....Military Psychiatry
H02.403.690.754.....Neuropsychiatry
H02.403.720.....Public Health
H02.403.720.500.....Epidemiology
H02.403.720.500.300.....Molecular Epidemiology
H02.403.720.500.650.....Pharmacoepidemiology
H02.403.720.750.....Preventive Medicine
H02.403.720.750.250.....Environmental Medicine
H02.403.720.750.510.....Occupational Medicine
H02.403.720.750.550.....Preventive Psychiatry
H02.403.740.....Radiology
H02.403.740.500.....Nuclear Medicine
H02.403.740.650.....Radiation Oncology
H02.403.740.675.....Radiology, Interventional
H02.403.750.....Regenerative Medicine
H02.403.763.....Reproductive Medicine
H02.403.763.500.....Andrology
H02.403.763.750.....Gynecology
H02.403.800.....Social Medicine
H02.403.810.....Specialties, Surgical
H02.403.810.208.....Colorectal Surgery
H02.403.810.300.....General Surgery
H02.403.810.310.....Gynecology
H02.403.810.425.....Neurosurgery
H02.403.810.450.....Obstetrics
H02.403.810.468.....Ophthalmology
H02.403.810.481.....Orthognathic Surgery
H02.403.810.494.....Orthopedics
H02.403.810.526.....Otolaryngology
H02.403.810.526.500.....Neurotology



## 2018 MeSH Tree Hierarchy

Tree location
H02.403.810.788.....Surgery, Plastic
H02.403.810.796.....Surgical Oncology
H02.403.810.803.....Thoracic Surgery
H02.403.810.850.....Traumatology
H02.403.810.860.....Urology
H02.403.830.....Sports Medicine
H02.403.830.500.....Sports Nutritional Sciences
H02.403.830.750.....Veterinary Sports Medicine
H02.403.840.....Telemedicine
H02.403.840.600.....Telepathology
H02.403.840.700.....Teleradiology
H02.403.840.850.....Telerehabilitation
H02.403.845.....Theranostic Nanomedicine
H02.403.850.....Travel Medicine
H02.403.879.....Tropical Medicine
H02.403.909.....Venereology
H02.403.959.....Wilderness Medicine
H02.438.....Mortuary Practice
H02.478.....Nursing
H02.478.197.....Evidence-Based Nursing
H02.478.395.....Nursing Research
H02.478.395.234.....Clinical Nursing Research
H02.478.395.385.....Nursing Administration Research
H02.478.395.413.....Nursing Education Research
H02.478.395.432.....Nursing Evaluation Research
H02.478.395.634.....Nursing Methodology Research
H02.478.408.....Nursing Theory
H02.478.676.....Specialties, Nursing
H02.478.676.074.....Advanced Practice Nursing
H02.478.676.112.....Cardiovascular Nursing
H02.478.676.150.....Community Health Nursing
H02.478.676.150.500.....Home Health Nursing
H02.478.676.150.750.....Parish Nursing
H02.478.676.175.....Critical Care Nursing
H02.478.676.200.....Emergency Nursing
H02.478.676.218.....Family Nursing
H02.478.676.227.....Forensic Nursing
H02.478.676.236.....Geriatric Nursing
H02.478.676.313.....Holistic Nursing
H02.478.676.350.....Hospice and Palliative Care Nursing
H02.478.676.390.....Maternal-Child Nursing

## 2018 MeSH Tree Hierarchy

Tree location
H02.478.676.390.600.....Neonatal Nursing
H02.478.676.403.....Medical-Surgical Nursing
H02.478.676.416.....Midwifery
H02.478.676.458.....Military Nursing
H02.478.676.514.....Nephrology Nursing
H02.478.676.542.....Neuroscience Nursing
H02.478.676.570.....Obstetric Nursing
H02.478.676.590.....Occupational Health Nursing
H02.478.676.605.....Oncology Nursing
H02.478.676.615.....Orthopedic Nursing
H02.478.676.631.....Pediatric Nursing
H02.478.676.631.600.....Neonatal Nursing
H02.478.676.650.....Perioperative Nursing
H02.478.676.650.625.....Operating Room Nursing
H02.478.676.650.650.....Postanesthesia Nursing
H02.478.676.710.....Psychiatric Nursing
H02.478.676.755.....Public Health Nursing
H02.478.676.772.....Radiologic and Imaging Nursing
H02.478.676.789.....Rehabilitation Nursing
H02.478.676.806.....Rural Nursing
H02.478.676.824.....School Nursing
H02.478.676.920.....Transcultural Nursing
H02.495.....Nursing, Practical
H02.533.....Nutritional Sciences
H02.533.124.....Animal Nutrition Sciences
H02.533.252.....Child Nutrition Sciences
H02.533.290.....Dietetics
H02.533.468.....Nutrigenomics
H02.533.645.....Sports Nutritional Sciences
H02.553.....Optometry
H02.573.....Orthoptics
H02.628.....Pharmacology
H02.628.049.....Biopharmaceutics
H02.628.100.....Ethnopharmacology
H02.628.190.....Herbal Medicine
H02.628.280.....Neuropharmacology
H02.628.413.....Pharmacoepidemiology
H02.628.479.....Pharmacogenetics
H02.628.512.....Pharmacology, Clinical
H02.628.546.....Psychopharmacology
H02.646.....Pharmacy

## 2018 MeSH Tree Hierarchy

Tree location
H02.646.250.....Nuclear Pharmacy
H02.646.375.....Pharmacy Research
H02.696.....Podiatry
H02.720.....Psychology, Medical
H02.720.500.....Psycho-Oncology
H02.781.....Serology
H02.790.....Sociology, Medical
H02.811.....Specialization
H02.884.....Toxicology
H02.884.211.....Ecotoxicology
H02.884.424.....Forensic Toxicology
H02.884.850.....Toxicogenetics
H02.956.....Veterinary Medicine
H02.956.465.....Pathology, Veterinary
H02.956.692.....Surgery, Veterinary
H02.956.858.....Veterinary Service, Military
H02.956.929.....Veterinary Sports Medicine
I01.....Social Sciences
I01.076.....Anthropology
I01.076.201.....Anthropology, Cultural
I01.076.201.208.....Archaeology
I01.076.201.450.....Culture
I01.076.201.450.050.....Acculturation
I01.076.201.450.170.....Ceremonial Behavior
I01.076.201.450.199.....Circumcision, Female
I01.076.201.450.226.....Civilization
I01.076.201.450.226.200.....Arab World
I01.076.201.450.226.800.....Western World
I01.076.201.450.226.800.250.....Greek World
I01.076.201.450.226.800.500.....Roman World
I01.076.201.450.281.....Cross-Cultural Comparison
I01.076.201.450.324.....Cultural Characteristics
I01.076.201.450.350.....Cultural Diversity
I01.076.201.450.370.....Cultural Evolution
I01.076.201.450.457.....Ethnology
I01.076.201.450.515.....Folklore
I01.076.201.450.515.500.....Legendary Creatures
I01.076.201.450.550.....Funeral Rites
I01.076.201.450.550.150.....Burial
I01.076.201.450.550.150.500.....Cemeteries
I01.076.201.450.550.175.....Cremation

## 2018 MeSH Tree Hierarchy

Tree location
I01.076.201.450.550.250.....Embalming
I01.076.201.450.560.....Human Body
I01.076.201.450.654.....Medicine, Traditional
I01.076.201.450.654.252.....Ethnopharmacology
I01.076.201.450.654.505.....Medicine, African Traditional
I01.076.201.450.654.510.....Medicine, Arabic
I01.076.201.450.654.510.500.....Medicine, Unani
I01.076.201.450.654.515.....Medicine, Ayurvedic
I01.076.201.450.654.558.....Medicine, East Asian Traditional
I01.076.201.450.654.558.520.....Medicine, Chinese Traditional
I01.076.201.450.654.558.520.300.....Qi
I01.076.201.450.654.558.520.300.500.....Meridians
I01.076.201.450.654.558.520.967.....Yin-Yang
I01.076.201.450.654.558.600.....Medicine, Kampo
I01.076.201.450.654.558.700.....Medicine, Korean Traditional
I01.076.201.450.654.558.750.....Medicine, Mongolian Traditional
I01.076.201.450.654.558.875.....Medicine, Tibetan Traditional
I01.076.201.450.654.830.....Shamanism
I01.076.201.450.715.....Popular Culture
I01.076.201.450.776.....Social Change
I01.076.201.450.897.....Superstitions
I01.076.201.450.897.439.....Magic
I01.076.201.450.897.439.925.....Witchcraft
I01.076.201.450.948.....Taboo
I01.076.284.....Anthropology, Medical
I01.076.368.....Anthropology, Physical
I01.076.368.239.....Craniology
I01.076.368.400.....Forensic Anthropology
I01.076.368.584.....Paleontology
I01.076.368.584.311.....Fossils
I01.076.368.584.500.....Mummies
I01.076.368.584.542.....Origin of Life
I01.076.368.584.583.....Paleodontology
I01.076.368.584.709.....Paleopathology
I01.076.368.792.....Body Remains
I01.198.....Criminology
I01.198.240.....Crime
I01.198.240.089.....Abortion, Criminal
I01.198.240.142.....Body Packing
I01.198.240.194.....Corpse Dismemberment
I01.198.240.240.....Defamation

## 2018 MeSH Tree Hierarchy

Tree location
I01.198.240.247.....Drug Trafficking
I01.198.240.300.....Fraud
I01.198.240.300.249.....Identity Theft
I01.198.240.300.249.500.....Medical Identity Theft
I01.198.240.385.....Grave Robbing
I01.198.240.470.....Homicide
I01.198.240.470.572.....Infanticide
I01.198.240.609.....Prescription Drug Diversion
I01.198.240.679.....Recidivism
I01.198.240.748.....Sex Offenses
I01.198.240.748.300.....Child Abuse, Sexual
I01.198.240.748.470.....Human Trafficking
I01.198.240.748.640.....Rape
I01.198.240.810.....Theft
I01.198.240.856.....Violence
I01.198.240.856.350.....Domestic Violence
I01.198.240.856.350.250.....Child Abuse
I01.198.240.856.350.250.255.....Child Abuse, Sexual
I01.198.240.856.350.390.....Elder Abuse
I01.198.240.856.350.750.....Spouse Abuse
I01.198.240.856.463.....Gender-Based Violence
I01.198.240.856.575.....Intimate Partner Violence
I01.198.240.856.575.500.....Spouse Abuse
I01.198.240.856.688.....Physical Abuse
I01.198.240.856.744.....Rape
I01.198.240.856.800.....Terrorism
I01.198.240.856.800.100.....Bioterrorism
I01.198.240.856.800.325.....Chemical Terrorism
I01.198.240.856.800.537.....Mass Casualty Incidents
I01.198.240.856.800.750.....September 11 Terrorist Attacks
I01.198.240.856.825.....Torture
I01.198.240.856.912.....Workplace Violence
I01.198.240.903.....War Crimes
I01.198.240.903.074.....Ethnic Cleansing
I01.198.240.903.149.....Genocide
I01.198.240.903.149.500.....Holocaust
I01.198.290.....Criminal Law
I01.198.780.....Forensic Sciences
I01.198.780.750.....Forensic Anthropology
I01.198.780.760.....Forensic Ballistics
I01.198.780.875.....Forensic Dentistry

## 2018 MeSH Tree Hierarchy

Tree location
I01.198.780.937.....Forensic Medicine
I01.198.780.937.120.....Autopsy
I01.198.780.937.206.....Blood Stains
I01.198.780.937.343.....Dermatoglyphics
I01.198.780.937.375.....DNA Fingerprinting
I01.198.780.937.375.500.....DNA Contamination
I01.198.780.937.422.....Exhumation
I01.198.780.937.441.....Forensic Genetics
I01.198.780.937.460.....Forensic Pathology
I01.198.780.937.469.....Forensic Psychiatry
I01.198.780.937.469.528.....Insanity Defense
I01.198.780.937.619.....Lie Detection
I01.198.780.937.766.....Paternity
I01.198.780.937.883.....Body Remains
I01.198.780.952.....Forensic Nursing
I01.198.780.968.....Forensic Toxicology
I01.240.....Demography
I01.240.050.....Age Distribution
I01.240.205.....Censuses
I01.240.361.....Family Characteristics
I01.240.361.150.....Birth Intervals
I01.240.361.160.....Birth Order
I01.240.361.500.....Marital Status
I01.240.361.500.300.....Divorce
I01.240.361.500.500.....Marriage
I01.240.361.500.725.....Single Person
I01.240.361.500.725.700.....Single Parent
I01.240.361.500.862.....Widowhood
I01.240.425.....Health Status
I01.240.425.350.....Geriatric Assessment
I01.240.425.675.....Health Status Disparities
I01.240.600.....Population Dynamics
I01.240.600.400.....Health Transition
I01.240.600.525.....Human Migration
I01.240.600.525.500.....Emigration and Immigration
I01.240.600.650.....Population Control
I01.240.600.660.....Population Growth
I01.240.800.....Sex Distribution
I01.240.800.815.....Sex Ratio
I01.261.....Economics
I01.261.100.....Capitalism

## 2018 MeSH Tree Hierarchy

Tree location
I01.261.262.....Economic Development
I01.261.262.500.....Industrial Development
I01.261.425.....Economic Recession
I01.261.506.....Expropriation
I01.261.587.....Gross Domestic Product
I01.261.750.....Resource Allocation
I01.261.750.500.....Health Care Rationing
I01.283.....Environment Design
I01.320.....Forecasting
I01.320.500.....Population Forecast
I01.409.....Government
I01.409.137.....Federal Government
I01.409.418.....Government Agencies
I01.409.418.500.....Child Protective Services
I01.409.418.625.....Federal Government
I01.409.418.750.....United States Government Agencies
I01.409.418.750.099.....Peace Corps
I01.409.418.750.199.....United States Agency for International Development
I01.409.418.750.400.....United States Department of Agriculture
I01.409.418.750.500.....United States Department of Defense
I01.409.418.750.600.....United States Dept. of Health and Human Services
I01.409.418.750.600.310.....Centers for Medicare and Medicaid Services (U.S.)
I01.409.418.750.600.650.....United States Public Health Service
I01.409.418.750.600.650.200.....Centers for Disease Control and Prevention (U.S.)
I01.409.418.750.600.650.200.260.....National Center for Health Statistics (U.S.)
I01.409.418.750.600.650.200.520.....National Institute for Occupational Safety and Health (U.S.)
I01.409.418.750.600.650.400.....National Center for Health Care Technology (U.S.)
I01.409.418.750.600.650.496.....National Institutes of Health (U.S.)
I01.409.418.750.600.650.496.150.....National Cancer Institute (U.S.)
I01.409.418.750.600.650.496.175.....National Center for Advancing Translational Sciences (U.S.)
I01.409.418.750.600.650.496.188.....National Center for Complementary and Integrative Health (U.S.)
I01.409.418.750.600.650.496.200.....National Eye Institute (U.S.)
I01.409.418.750.600.650.496.300.....National Heart, Lung, and Blood Institute (U.S.)
I01.409.418.750.600.650.496.325.....National Human Genome Research Institute (U.S.)
I01.409.418.750.600.650.496.400.....National Institute of Allergy and Infectious Diseases (U.S.)
I01.409.418.750.600.650.496.425.....National Institute of Arthritis and Musculoskeletal and Skin Diseases (U.S.)
I01.409.418.750.600.650.496.435.....National Institute of Biomedical Imaging and Bioengineering (U.S.)
I01.409.418.750.600.650.496.440.....National Institute of Child Health and Human Development (U.S.)
I01.409.418.750.600.650.496.445.....National Institute of Dental and Craniofacial Research (U.S.)
I01.409.418.750.600.650.496.450.....National Institute of Diabetes and Digestive and Kidney Diseases (U.S.)
I01.409.418.750.600.650.496.455.....National Institute of Environmental Health Sciences (U.S.)

## 2018 MeSH Tree Hierarchy

Tree location
I01.409.418.750.600.650.496.457.....National Institute of General Medical Sciences (U.S.)
I01.409.418.750.600.650.496.460.....National Institute of Mental Health (U.S.)
I01.409.418.750.600.650.496.461.....National Institute of Neurological Disorders and Stroke (U.S.)
I01.409.418.750.600.650.496.462.....National Institute of Nursing Research (U.S.)
I01.409.418.750.600.650.496.465.....National Institute on Aging (U.S.)
I01.409.418.750.600.650.496.467.....National Institute on Alcohol Abuse and Alcoholism (U.S.)
I01.409.418.750.600.650.496.470.....National Institute on Deafness and Other Communication Disorders (U.S.)
I01.409.418.750.600.650.496.485.....National Institute on Drug Abuse (U.S.)
I01.409.418.750.600.650.496.490.....National Library of Medicine (U.S.)
I01.409.418.750.600.650.592.....United States Agency for Healthcare Research and Quality
I01.409.418.750.600.650.760.....United States Food and Drug Administration
I01.409.418.750.600.650.790.....United States Health Resources and Services Administration
I01.409.418.750.600.650.790.525.....National Health Planning Information Center (U.S.)
I01.409.418.750.600.650.825.....United States Indian Health Service
I01.409.418.750.600.650.912.....United States Office of Research Integrity
I01.409.418.750.600.650.920.....United States Substance Abuse and Mental Health Services Administration
I01.409.418.750.650.....United States Department of Homeland Security
I01.409.418.750.700.....United States Department of Veterans Affairs
I01.409.418.750.937.....United States Environmental Protection Agency
I01.409.418.750.968.....United States Federal Trade Commission
I01.409.418.750.984.....United States National Aeronautics and Space Administration
I01.409.418.750.992.....United States Occupational Safety and Health Administration
I01.409.418.750.996.....United States Office of Economic Opportunity
I01.409.418.750.997.....United States Office of National Drug Control Policy
I01.409.418.750.998.....United States Office of Technology Assessment
I01.409.418.750.999.....United States Social Security Administration
I01.409.700.....Local Government
I01.409.775.....State Government
I01.451.....Government Programs
I01.451.227.....Civil Defense
I01.451.617.....Postal Service
I01.615.....Internationality
I01.615.500.....International Cooperation
I01.615.500.125.....African Union
I01.615.500.188.....Commonwealth of Independent States
I01.615.500.250.....Developed Countries
I01.615.500.300.....Developing Countries
I01.615.500.475.....European Union
I01.615.500.650.....International Educational Exchange
I01.615.500.750.....Medical Missions, Official
I01.655.....Policy



## 2018 MeSH Tree Hierarchy

Tree location
I01.655.125.....Fiscal Policy
I01.655.249.....Smoke-Free Policy
I01.655.500.....Social Control Policies
I01.655.500.550.....Organizational Policy
I01.655.500.608.....Public Policy
I01.655.500.608.180.....Environmental Policy
I01.655.500.608.200.....Family Planning Policy
I01.655.500.608.400.....Health Policy
I01.655.500.608.400.285.....Health Care Reform
I01.655.500.608.400.650.....Nutrition Policy
I01.655.500.608.400.650.500.....Recommended Dietary Allowances
I01.696.....Political Systems
I01.696.050.....Apartheid
I01.696.100.....Capitalism
I01.696.116.....Colonialism
I01.696.232.....Communism
I01.696.374.....Democracy
I01.696.480.....Fascism
I01.696.586.....National Socialism
I01.696.798.....Socialism
I01.738.....Politics
I01.738.305.....Diplomacy
I01.738.610.....Lobbying
I01.738.708.....Political Activism
I01.738.805.....Stakeholder Participation
I01.791.....Private Sector
I01.791.500.....Informal Sector
I01.795.....Public Sector
I01.800.....Quality of Life
I01.880.....Sociology
I01.880.604.....Social Control, Formal
I01.880.604.100.....Animal Welfare
I01.880.604.100.049.....Animal Care Committees
I01.880.604.100.100.....Animal Rights
I01.880.604.160.....Capital Punishment
I01.880.604.238.....Censorship, Research
I01.880.604.316.....Coercion
I01.880.604.394.....Government Regulation
I01.880.604.473.....Human Rights
I01.880.604.473.300.....Child Advocacy
I01.880.604.473.352.....Civil Rights

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.604.473.352.500.....Privacy
I01.880.604.473.352.500.030.....Access to Information
I01.880.604.473.352.500.030.500.....Patient Access to Records
I01.880.604.473.352.500.320.....Genetic Privacy
I01.880.604.473.368.....Consumer Advocacy
I01.880.604.473.374.....Feminism
I01.880.604.473.380.....Freedom
I01.880.604.473.380.500.....Personal Autonomy
I01.880.604.473.650.....Patient Rights
I01.880.604.473.650.500.....Confidentiality
I01.880.604.473.650.500.320.....Genetic Privacy
I01.880.604.473.650.718.....Informed Consent
I01.880.604.473.650.718.500.....Informed Consent By Minors
I01.880.604.473.650.827.....Patient Access to Records
I01.880.604.473.650.952.....Right to Die
I01.880.604.473.650.960.....Therapeutic Misconception
I01.880.604.473.650.968.....Treatment Refusal
I01.880.604.473.650.968.500.....Vaccination Refusal
I01.880.604.473.675.....Reproductive Rights
I01.880.604.473.700.....Social Justice
I01.880.604.473.850.....Women's Rights
I01.880.604.528.....Involuntary Treatment
I01.880.604.528.125.....Directly Observed Therapy
I01.880.604.528.250.....Involuntary Fertility Control
I01.880.604.528.500.....Involuntary Treatment, Psychiatric
I01.880.604.528.750.....Sterilization, Involuntary
I01.880.604.583.....Jurisprudence
I01.880.604.583.020.....Advance Directives
I01.880.604.583.020.500.....Living Wills
I01.880.604.583.050.....Compensation and Redress
I01.880.604.583.080.....Confidentiality
I01.880.604.583.080.134.....Disclosure
I01.880.604.583.080.134.300.....Mandatory Reporting
I01.880.604.583.080.134.399.....Parental Notification
I01.880.604.583.080.134.800.....Truth Disclosure
I01.880.604.583.080.134.800.200.....Duty to Warn
I01.880.604.583.080.134.900.....Whistleblowing
I01.880.604.583.080.270.....Duty to Warn
I01.880.604.583.080.320.....Genetic Privacy
I01.880.604.583.080.660.....Personally Identifiable Information
I01.880.604.583.090.....Contracts

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.604.583.100.....Criminal Law
I01.880.604.583.166.....Duty to Recontact
I01.880.604.583.232.....Expert Testimony
I01.880.604.583.310.....Forensic Psychiatry
I01.880.604.583.310.528.....Insanity Defense
I01.880.604.583.427.....Informed Consent
I01.880.604.583.427.134.....Consent Forms
I01.880.604.583.427.384.....Informed Consent By Minors
I01.880.604.583.427.635.....Third-Party Consent
I01.880.604.583.427.635.500.....Parental Consent
I01.880.604.583.458.....Intellectual Property
I01.880.604.583.458.300.....Copyright
I01.880.604.583.458.650.....Patents as Topic
I01.880.604.583.466.....International Law
I01.880.604.583.474.....Judicial Role
I01.880.604.583.482.....Legal Services
I01.880.604.583.490.....Liability, Legal
I01.880.604.583.524.....Malpractice
I01.880.604.583.524.300.....Defensive Medicine
I01.880.604.583.524.528.....Professional Impairment
I01.880.604.583.524.528.500.....Physician Impairment
I01.880.604.583.527.....Mandatory Reporting
I01.880.604.583.530.....Mental Competency
I01.880.604.583.594.....Ownership
I01.880.604.583.659.....Presumed Consent
I01.880.604.583.789.....Resuscitation Orders
I01.880.604.583.858.....Supreme Court Decisions
I01.880.604.583.927.....Wills
I01.880.604.583.927.500.....Living Wills
I01.880.604.583.963.....Wrongful Life
I01.880.604.594.....Law Enforcement
I01.880.604.605.....Legislation, Drug
I01.880.604.605.250.....Drug and Narcotic Control
I01.880.604.605.250.250.....Drug Approval
I01.880.604.605.250.625.....Drug Recalls
I01.880.604.605.250.812.....Safety-Based Drug Withdrawals
I01.880.604.622.....Mandatory Programs
I01.880.604.622.249.....Mandatory Reporting
I01.880.604.622.500.....Mandatory Testing
I01.880.604.631.....Patient Advocacy
I01.880.604.640.....Peer Review

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.604.640.690.....Peer Review, Health Care
I01.880.604.640.700.....Peer Review, Research
I01.880.604.787.....Prisons
I01.880.604.787.358.....Concentration Camps
I01.880.604.825.....Social Control Policies
I01.880.604.825.550.....Organizational Policy
I01.880.604.825.608.....Public Policy
I01.880.604.825.608.180.....Environmental Policy
I01.880.604.825.608.200.....Family Planning Policy
I01.880.604.825.608.400.....Health Policy
I01.880.604.825.608.400.285.....Health Care Reform
I01.880.604.825.608.400.650.....Nutrition Policy
I01.880.604.825.608.400.650.500.....Recommended Dietary Allowances
I01.880.630.....Social Control, Informal
I01.880.630.099.....Behavior Control
I01.880.630.200.....Coercion
I01.880.630.548.....Public Opinion
I01.880.630.716.....Punishment
I01.880.709.....Social Planning
I01.880.709.202.....City Planning
I01.880.709.359.....Environment Design
I01.880.709.876.....Urban Renewal
I01.880.735.....Social Problems
I01.880.735.070.....Bullying
I01.880.735.140.....Civil Disorders
I01.880.735.140.652.....Riots
I01.880.735.191.....Crime
I01.880.735.191.026.....Body Packing
I01.880.735.191.051.....Defamation
I01.880.735.191.101.....Drug Trafficking
I01.880.735.191.152.....Organ Trafficking
I01.880.735.191.204.....Prescription Drug Diversion
I01.880.735.191.410.....Theft
I01.880.735.223.....Dangerous Behavior
I01.880.735.223.250.....Driving Under the Influence
I01.880.735.223.500.....Stalking
I01.880.735.255.....Divorce
I01.880.735.265.....Doping in Sports
I01.880.735.344.....Homicide
I01.880.735.344.500.....Euthanasia
I01.880.735.344.500.249.....Euthanasia, Active

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.735.344.500.249.200.....Euthanasia, Active, Voluntary
I01.880.735.384.....Human Rights Abuses
I01.880.735.384.399.....Human Trafficking
I01.880.735.384.599.....Organ Trafficking
I01.880.735.384.800.....Slavery
I01.880.735.424.....Illegitimacy
I01.880.735.442.....Incest
I01.880.735.461.....Incivility
I01.880.735.479.....Juvenile Delinquency
I01.880.735.580.....Needle Sharing
I01.880.735.607.....Parental Death
I01.880.735.607.500.....Maternal Death
I01.880.735.634.....Poverty
I01.880.735.679.....Sex Work
I01.880.735.728.....Quackery
I01.880.735.779.....Runaway Behavior
I01.880.735.784.....Social Behavior Disorders
I01.880.735.784.350.....General Adaptation Syndrome
I01.880.735.820.....Social Segregation
I01.880.735.820.500.....Race Relations
I01.880.735.820.500.125.....Apartheid
I01.880.735.820.500.250.....Desegregation
I01.880.735.820.500.500.....Racism
I01.880.735.856.....Suicide
I01.880.735.856.149.....Suicidal Ideation
I01.880.735.856.300.....Suicide, Assisted
I01.880.735.856.600.....Suicide, Attempted
I01.880.735.878.....Underage Drinking
I01.880.735.900.....Violence
I01.880.735.900.350.....Domestic Violence
I01.880.735.900.350.250.....Child Abuse
I01.880.735.900.350.250.255.....Child Abuse, Sexual
I01.880.735.900.350.390.....Elder Abuse
I01.880.735.900.350.750.....Spouse Abuse
I01.880.735.900.575.....Ethnic Violence
I01.880.735.900.575.500.....Ethnic Cleansing
I01.880.735.900.688.....Intimate Partner Violence
I01.880.735.900.688.500.....Spouse Abuse
I01.880.735.900.744.....Physical Abuse
I01.880.735.900.772.....Rape
I01.880.735.900.800.....Terrorism

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.735.900.800.100.....Bioterrorism
I01.880.735.900.800.150.....Chemical Terrorism
I01.880.735.900.800.575.....Mass Casualty Incidents
I01.880.735.900.825.....Torture
I01.880.735.900.869.....Exposure to Violence
I01.880.735.900.912.....Workplace Violence
I01.880.735.950.....Warfare and Armed Conflicts
I01.880.735.950.250.....Armed Conflicts
I01.880.735.950.250.094.....Afghan Campaign 2001-
I01.880.735.950.250.188.....American Civil War
I01.880.735.950.250.375.....American Revolution
I01.880.735.950.250.469.....Crimean War
I01.880.735.950.250.563.....French Revolution
I01.880.735.950.250.657.....Gulf War
I01.880.735.950.250.782.....Iraq War, 2003-2011
I01.880.735.950.250.813.....Korean War
I01.880.735.950.250.844.....Russian-Japanese War
I01.880.735.950.250.860.....September 11 Terrorist Attacks
I01.880.735.950.250.875.....Spanish-American War, 1898
I01.880.735.950.250.937.....Vietnam Conflict
I01.880.735.950.250.968.....World War I
I01.880.735.950.250.984.....World War II
I01.880.735.950.500.....Warfare
I01.880.735.950.500.226.....Biological Warfare
I01.880.735.950.500.226.100.....Bioterrorism
I01.880.735.950.500.340.....Chemical Warfare
I01.880.735.950.500.340.150.....Chemical Terrorism
I01.880.735.950.500.600.....Nuclear Warfare
I01.880.735.950.500.711.....Psychological Warfare
I01.880.735.950.500.903.....War Crimes
I01.880.735.950.500.903.074.....Ethnic Cleansing
I01.880.735.950.500.903.149.....Genocide
I01.880.735.950.500.903.149.500.....Holocaust
I01.880.735.950.500.951.....War Exposure
I01.880.735.950.500.951.500.....War-Related Injuries
I01.880.787.....Social Welfare
I01.880.787.190.....Charities
I01.880.787.190.500.....Almshouses
I01.880.787.293.....Child Welfare
I01.880.787.293.350.....Child Advocacy
I01.880.787.293.360.....Child Care

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.787.293.370.....Child Custody
I01.880.787.354.....Community Integration
I01.880.787.416.....Foster Home Care
I01.880.787.539.....Infant Welfare
I01.880.787.678.....Maternal Welfare
I01.880.787.839.....Relief Work
I01.880.787.839.500.....Food Assistance
I01.880.792.....Social Work
I01.880.792.410.....Social Work, Psychiatric
I01.880.853.....Sociological Factors
I01.880.853.100.....Culture
I01.880.853.100.079.....Acculturation
I01.880.853.100.257.....Cross-Cultural Comparison
I01.880.853.100.329.....Cultural Characteristics
I01.880.853.100.364.....Cultural Competency
I01.880.853.100.400.....Cultural Deprivation
I01.880.853.100.450.....Cultural Diversity
I01.880.853.100.628.....Popular Culture
I01.880.853.100.806.....Psychosocial Deprivation
I01.880.853.150.....Family
I01.880.853.150.140.....Adoption
I01.880.853.150.281.....Adult Children
I01.880.853.150.423.....Family Characteristics
I01.880.853.150.423.500.....Marital Status
I01.880.853.150.423.500.300.....Divorce
I01.880.853.150.423.500.500.....Marriage
I01.880.853.150.423.500.725.....Single Person
I01.880.853.150.423.500.725.700.....Single Parent
I01.880.853.150.423.500.862.....Widowhood
I01.880.853.150.439.....Family Relations
I01.880.853.150.452.....Grandparents
I01.880.853.150.465.....Illegitimacy
I01.880.853.150.482.....Military Family
I01.880.853.150.500.....Nuclear Family
I01.880.853.150.500.280.....Only Child
I01.880.853.150.500.340.....Parents
I01.880.853.150.500.340.210.....Fathers
I01.880.853.150.500.340.270.....Mothers
I01.880.853.150.500.340.785.....Single Parent
I01.880.853.150.500.340.892.....Surrogate Mothers
I01.880.853.150.500.505.....Siblings

## 2018 MeSH Tree Hierarchy

Tree location
I01.880.853.150.500.670.....Spouses
I01.880.853.150.750.....Single-Parent Family
I01.880.853.200.....Hierarchy, Social
I01.880.853.250.....Medicalization
I01.880.853.300.....Minority Groups
I01.880.853.350.....Secularism
I01.880.853.375.....Social Capital
I01.880.853.400.....Social Change
I01.880.853.400.726.....Urbanization
I01.880.853.450.....Social Conditions
I01.880.853.450.283.....Anomie
I01.880.853.500.....Social Environment
I01.880.853.500.300.....Community Networks
I01.880.853.500.600.....Social Support
I01.880.853.500.600.500.....Psychosocial Support Systems
I01.880.853.748.....Social Isolation
I01.880.853.748.435.....Loneliness
I01.880.853.748.755.....Social Alienation
I01.880.853.872.....Social Marginalization
I01.880.853.903.....Social Norms
I01.880.853.934.....Socialization
I01.880.853.996.....Socioeconomic Factors
I01.880.853.996.535.....Poverty
I01.880.853.996.535.550.....Poverty Areas
I01.880.853.996.755.....Social Class
I01.880.853.996.755.673.....Social Mobility
I01.880.859.....Sociology, Medical
I01.880.866.....Sociometric Techniques
I01.940.....Work-Life Balance
I02.....Education
I02.158.....Curriculum
I02.158.210.....Competency-Based Education
I02.158.405.....Interdisciplinary Studies
I02.158.600.....Mainstreaming (Education)
I02.158.660.....Problem-Based Learning
I02.195.....Education, Distance
I02.233.....Education, Nonprofessional
I02.233.213.....Education, Special
I02.233.213.199.....Education of Hearing Disabled
I02.233.213.400.....Education of Intellectually Disabled
I02.233.213.500.....Education of Visually Disabled



## 2018 MeSH Tree Hierarchy

Tree location	
I02.233.213.600.....	Mainstreaming (Education)
I02.233.332.....	Health Education
I02.233.332.186.....	Consumer Health Information
I02.233.332.186.500.....	Health Literacy
I02.233.332.374.....	Health Education, Dental
I02.233.332.390.....	Health Fairs
I02.233.332.445.....	Health Promotion
I02.233.332.445.300.....	Healthy People Programs
I02.233.332.445.650.....	Weight Reduction Programs
I02.233.332.500.....	Patient Education as Topic
I02.233.332.500.500.....	Prenatal Education
I02.233.332.749.....	Sex Education
I02.233.332.812.....	Smoking Prevention
I02.233.332.874.....	Teach-Back Communication
I02.233.543.....	Physical Education and Training
I02.233.862.....	Vocational Education
I02.275.....	Education, Predental
I02.316.....	Education, Premedical
I02.358.....	Education, Professional
I02.358.105.....	Clinical Clerkship
I02.358.212.....	Education, Continuing
I02.358.212.249.....	Education, Dental, Continuing
I02.358.212.350.....	Education, Medical, Continuing
I02.358.212.450.....	Education, Nursing, Continuing
I02.358.212.550.....	Education, Pharmacy, Continuing
I02.358.212.590.....	Education, Professional, Retraining
I02.358.274.....	Education, Dental
I02.358.274.316.....	Education, Dental, Continuing
I02.358.274.482.....	Education, Dental, Graduate
I02.358.337.....	Education, Graduate
I02.358.337.249.....	Education, Dental, Graduate
I02.358.337.350.....	Education, Medical, Graduate
I02.358.337.350.500.....	Internship and Residency
I02.358.337.450.....	Education, Nursing, Graduate
I02.358.337.550.....	Education, Pharmacy, Graduate
I02.358.399.....	Education, Medical
I02.358.399.250.....	Education, Medical, Continuing
I02.358.399.350.....	Education, Medical, Graduate
I02.358.399.350.750.....	Internship and Residency
I02.358.399.450.....	Education, Medical, Undergraduate
I02.358.399.822.....	Teaching Rounds

## 2018 MeSH Tree Hierarchy

Tree location
I02.358.462.....Education, Nursing
I02.358.462.233.....Education, Nursing, Associate
I02.358.462.316.....Education, Nursing, Baccalaureate
I02.358.462.399.....Education, Nursing, Continuing
I02.358.462.482.....Education, Nursing, Diploma Programs
I02.358.462.565.....Education, Nursing, Graduate
I02.358.462.612.....Nursing Education Research
I02.358.525.....Education, Pharmacy
I02.358.525.317.....Education, Pharmacy, Continuing
I02.358.525.483.....Education, Pharmacy, Graduate
I02.358.525.741.....Pharmacy Residencies
I02.358.556.....Education, Public Health Professional
I02.358.588.....Education, Veterinary
I02.358.750.....Internship, Nonmedical
I02.358.750.500.....Pharmacy Residencies
I02.358.859.....Mentoring
I02.358.968.....Preceptorship
I02.358.984.....Teacher Training
I02.399.....Educational Measurement
I02.399.136.....Academic Performance
I02.399.136.500.....Academic Success
I02.399.272.....College Admission Test
I02.399.630.....Professional Competence
I02.399.630.210.....Clinical Competence
I02.399.750.....School Admission Criteria
I02.399.780.....Self-Evaluation Programs
I02.399.890.....Test Taking Skills
I02.574.....Inservice Training
I02.574.700.....Staff Development
I02.578.....Interdisciplinary Placement
I02.581.....International Educational Exchange
I02.588.....Mentoring
I02.594.....Needs Assessment
I02.783.....Schools
I02.783.330.....Library Schools
I02.783.495.....Schools, Health Occupations
I02.783.495.125.....Area Health Education Centers
I02.783.495.481.....Schools, Dental
I02.783.495.552.....Schools, Medical
I02.783.495.623.....Schools, Nursing
I02.783.495.694.....Schools, Pharmacy

## 2018 MeSH Tree Hierarchy

Tree location
I02.783.495.765.....Schools, Public Health
I02.783.495.836.....Schools, Veterinary
I02.783.660.....Schools, Nursery
I02.783.830.....Universities
I02.903.....Teaching
I02.903.080.....Computer User Training
I02.903.302.....Models, Educational
I02.903.565.....Problem-Based Learning
I02.903.694.....Remedial Teaching
I02.903.771.....Self-Directed Learning as Topic
I02.903.771.500.....Programmed Instruction as Topic
I02.903.771.500.208.....Computer-Assisted Instruction
I02.903.847.....Simulation Training
I02.903.847.250.....High Fidelity Simulation Training
I02.903.847.500.....Patient Simulation
I02.903.923.....Study Guide as Topic
I03.....Human Activities
I03.050.....Activities of Daily Living
I03.050.500.....Independent Living
I03.050.750.....Social Participation
I03.088.....Anti-Vaccination Movement
I03.125.....Automobile Driving
I03.125.299.....Automobile Driver Examination
I03.125.474.....Distracted Driving
I03.125.649.....Driving Under the Influence
I03.287.....Diet Fads
I03.350.....Exercise
I03.350.124.....Cool-Down Exercise
I03.350.156.....Gymnastics
I03.350.249.....Muscle Stretching Exercises
I03.350.311.....Physical Conditioning, Human
I03.350.311.125.....Circuit-Based Exercise
I03.350.311.250.....High-Intensity Interval Training
I03.350.311.500.....Plyometric Exercise
I03.350.311.750.....Resistance Training
I03.350.750.....Running
I03.350.750.320.....Jogging
I03.350.875.....Swimming
I03.350.937.....Walking
I03.350.937.500.....Stair Climbing
I03.350.968.....Warm-Up Exercise

## 2018 MeSH Tree Hierarchy

Tree location
I03.450.....Leisure Activities
I03.450.345.....Holidays
I03.450.642.....Recreation
I03.450.642.159.....Camping
I03.450.642.287.....Dancing
I03.450.642.378.....Gardening
I03.450.642.469.....Hobbies
I03.450.642.693.....Play and Playthings
I03.450.642.693.465.....Games, Recreational
I03.450.642.693.930.....Video Games
I03.450.642.845.....Sports
I03.450.642.845.054.....Athletic Performance
I03.450.642.845.054.300.....Cardiorespiratory Fitness
I03.450.642.845.054.600.....Physical Endurance
I03.450.642.845.054.800.....Physical Fitness
I03.450.642.845.054.800.500.....Cardiorespiratory Fitness
I03.450.642.845.110.....Baseball
I03.450.642.845.117.....Basketball
I03.450.642.845.140.....Bicycling
I03.450.642.845.210.....Boxing
I03.450.642.845.300.....Football
I03.450.642.845.400.....Golf
I03.450.642.845.417.....Gymnastics
I03.450.642.845.475.....Hockey
I03.450.642.845.560.....Martial Arts
I03.450.642.845.560.500.....Tai Ji
I03.450.642.845.582.....Mountaineering
I03.450.642.845.600.....Racquet Sports
I03.450.642.845.600.900.....Tennis
I03.450.642.845.605.....Return to Sport
I03.450.642.845.610.....Running
I03.450.642.845.610.320.....Jogging
I03.450.642.845.700.....Skating
I03.450.642.845.787.....Snow Sports
I03.450.642.845.787.500.....Skiing
I03.450.642.845.800.....Soccer
I03.450.642.845.834.....Sports for Persons with Disabilities
I03.450.642.845.925.....Track and Field
I03.450.642.845.932.....Volleyball
I03.450.642.845.940.....Walking
I03.450.642.845.945.....Water Sports

## 2018 MeSH Tree Hierarchy

Tree location
I03.450.642.845.945.500.....Swimming
I03.450.642.845.945.500.110.....Diving
I03.450.642.845.950.....Weight Lifting
I03.450.642.845.975.....Wrestling
I03.450.642.845.987.....Youth Sports
I03.450.642.922.....Sunbathing
I03.450.769.....Relaxation
I03.450.769.647.....Rest
I03.548.....Nudism
I03.702.....Retirement
I03.743.....Stakeholder Participation
I03.784.....Survival
I03.833.....Temperance Movement
I03.883.....Travel
I03.883.209.....Air Travel
I03.883.855.....Travel-Related Illness
I03.883.855.500.....Jet Lag Syndrome
I03.946.....Work
I03.946.225.....Personnel Staffing and Scheduling
I03.946.225.250.....Shift Work Schedule
I03.946.225.375.....Work Schedule Tolerance
I03.946.225.438.....Work-Life Balance
I03.946.225.500.....Workload
I03.946.449.....Return to Work
I03.946.562.....Work Engagement
I03.946.675.....Work Performance
J01.....Technology, Industry, and Agriculture
J01.040.....Agriculture
J01.040.044.....Agricultural Irrigation
J01.040.090.....Animal Husbandry
J01.040.090.500.....Animal Culling
J01.040.168.....Aquaculture
J01.040.168.300.....Fisheries
J01.040.207.....Beekeeping
J01.040.227.....Crop Production
J01.040.227.250.....Biofortification
J01.040.227.500.....Plant Breeding
J01.040.237.....Crop Protection
J01.040.246.....Dairying
J01.040.330.....Domestication
J01.040.372.....Farms

## 2018 MeSH Tree Hierarchy

Tree location
J01.040.413.....Gardening
J01.040.415.....Gardens
J01.040.581.....Hydroponics
J01.040.895.....Organic Agriculture
J01.040.947.....Weed Control
J01.086.....Architecture
J01.086.339.....Facility Design and Construction
J01.086.339.070.....Architectural Accessibility
J01.086.339.115.....Elevators and Escalators
J01.086.339.140.....Floors and Floorcoverings
J01.086.339.250.....Hospital Design and Construction
J01.086.339.290.....Interior Design and Furnishings
J01.086.339.400.....Location Directories and Signs
J01.086.339.445.....Military Facilities
J01.219.....Commerce
J01.219.187.....Commodification
J01.219.375.....Entrepreneurship
J01.219.687.....Marketing
J01.219.687.274.....Advertising as Topic
J01.219.687.274.500.....Direct-to-Consumer Advertising
J01.219.687.550.....Marketing of Health Services
J01.219.687.750.....Social Marketing
J01.219.843.....Public-Private Sector Partnerships
J01.219.921.....Small Business
J01.256.....Conservation of Natural Resources
J01.256.078.....Conservation of Energy Resources
J01.256.214.....Endangered Species
J01.256.282.....Environmental Restoration and Remediation
J01.256.350.....Green Chemistry Technology
J01.256.675.....Recycling
J01.256.837.....Conservation of Water Resources
J01.293.....Engineering
J01.293.069.....Bioengineering
J01.293.069.124.....Bioprinting
J01.293.069.249.....Cell Engineering
J01.293.069.249.249.....Metabolic Engineering
J01.293.069.249.500.....Tissue Engineering
J01.293.069.500.....Synthetic Biology
J01.293.140.....Biomedical Engineering
J01.293.257.....Chemical Engineering
J01.293.556.....Ergonomics

## 2018 MeSH Tree Hierarchy

Tree location
J01.293.556.441.....Man-Machine Systems
J01.293.622.....Hydrology
J01.293.688.....Optics and Photonics
J01.293.754.....Quality Improvement
J01.293.821.....Sanitary Engineering
J01.293.821.500.....Water Supply
J01.293.821.500.500.....Water Wells
J01.494.....Household Articles
J01.494.221.....Bedding and Linens
J01.494.221.750.....Mosquito Nets
J01.494.300.....Cooking and Eating Utensils
J01.494.650.....Humidifiers
J01.516.....Household Products
J01.516.213.....Cosmetics
J01.516.213.249.....Skin Cream
J01.516.213.500.....Skin Lightening Preparations
J01.516.381.....Detergents
J01.516.872.....Soaps
J01.576.....Industry
J01.576.082.....Barbering
J01.576.112.....Beauty Culture
J01.576.423.....Food Industry
J01.576.423.200.....Food Handling
J01.576.423.200.200.....Cooking
J01.576.423.200.200.500.....Cookbooks as Topic
J01.576.423.200.300.....Cooking and Eating Utensils
J01.576.423.200.350.....Food Dispensers, Automatic
J01.576.423.200.375.....Food Packaging
J01.576.423.200.387.....Food Storage
J01.576.423.200.400.....Food-Processing Industry
J01.576.423.200.700.....Meat-Packing Industry
J01.576.423.200.700.100.....Abattoirs
J01.576.423.200.850.....Pasteurization
J01.576.423.500.....Food Services
J01.576.423.500.300.....Food Service, Hospital
J01.576.423.500.500.....Menu Planning
J01.576.423.500.700.....Restaurants
J01.576.423.750.....Food Supply
J01.576.423.850.....Food Technology
J01.576.423.850.100.....Food Analysis
J01.576.423.850.600.....Food Packaging

## 2018 MeSH Tree Hierarchy

Tree location
J01.576.423.850.600.400.....Food Labeling
J01.576.423.850.700.....Food Preservation
J01.576.423.850.700.700.....Pasteurization
J01.576.423.850.700.700.500.....Food Irradiation
J01.576.423.850.730.....Food Quality
J01.576.423.850.730.500.....Food Safety
J01.576.423.850.730.500.249.....Food Contamination
J01.576.423.850.730.500.249.250.....Food Contamination, Radioactive
J01.576.423.850.730.500.249.300.....Food Microbiology
J01.576.423.850.730.500.249.650.....Food Parasitology
J01.576.423.850.730.500.500.....Food Inspection
J01.576.423.850.730.500.750.....Hazard Analysis and Critical Control Points
J01.576.423.850.730.750.....Nutritive Value
J01.576.423.850.730.750.500.....Glycemic Index
J01.576.423.850.730.750.750.....Glycemic Load
J01.576.430.....Forestry
J01.576.489.....Health Care Sector
J01.576.519.....Industrial Development
J01.576.549.....Laundering
J01.576.655.....Manufacturing Industry
J01.576.655.125.....Construction Industry
J01.576.655.374.....Book Industry
J01.576.655.437.....Chemical Industry
J01.576.655.750.....Drug Industry
J01.576.655.750.321.....Drug Packaging
J01.576.655.750.321.400.....Drug Labeling
J01.576.655.750.600.....Orphan Drug Production
J01.576.655.875.....Extraction and Processing Industry
J01.576.655.875.200.....Coal Industry
J01.576.655.875.400.....Metallurgy
J01.576.655.875.400.900.....Welding
J01.576.655.875.500.....Mining
J01.576.655.875.500.500.....Coal Mining
J01.576.655.875.750.....Oil and Gas Industry
J01.576.655.875.750.500.....Hydraulic Fracking
J01.576.655.937.....Textile Industry
J01.576.655.937.800.....Textiles
J01.576.655.937.800.299.....Cotton Fiber
J01.576.655.937.800.600.....Nylons
J01.576.655.937.800.800.....Wool
J01.576.655.968.....Tobacco Industry



## 2018 MeSH Tree Hierarchy

Tree location
J01.576.761.....Product Packaging
J01.576.761.300.....Drug Packaging
J01.576.761.300.400.....Drug Labeling
J01.576.761.400.....Food Packaging
J01.576.761.400.450.....Food Labeling
J01.576.761.700.....Product Labeling
J01.576.852.....Tanning
J01.637.....Manufactured Materials
J01.637.016.....Adhesives
J01.637.051.....Biomedical and Dental Materials
J01.637.051.058.....Alloys
J01.637.051.058.224.....Chromium Alloys
J01.637.051.058.224.735.....Vitallium
J01.637.051.058.451.....Gold Alloys
J01.637.051.058.520.....Metal Ceramic Alloys
J01.637.051.058.520.250.....Cermets
J01.637.051.058.807.....Steel
J01.637.051.058.807.681.....Stainless Steel
J01.637.051.130.....Biocompatible Materials
J01.637.051.130.325.....Bone Substitutes
J01.637.051.130.420.....Coated Materials, Biocompatible
J01.637.051.130.650.....Polydioxanone
J01.637.051.187.....Cariogenic Agents
J01.637.051.223.....Cariostatic Agents
J01.637.051.223.015.....Acidulated Phosphate Fluoride
J01.637.051.223.432.....Fluorides, Topical
J01.637.051.223.716.....Sodium Fluoride
J01.637.051.223.800.....Tin Fluorides
J01.637.051.339.....Dental Materials
J01.637.051.339.208.....Dental Alloys
J01.637.051.339.208.224.....Chromium Alloys
J01.637.051.339.208.224.959.....Vitallium
J01.637.051.339.208.291.....Dental Amalgam
J01.637.051.339.208.534.....Gold Alloys
J01.637.051.339.208.720.....Metal Ceramic Alloys
J01.637.051.339.208.720.250.....Cermets
J01.637.051.339.250.....Dental Casting Investment
J01.637.051.339.291.....Dental Cements
J01.637.051.339.291.150.....Compomers
J01.637.051.339.291.300.....Dentin-Bonding Agents
J01.637.051.339.291.300.500.....Silorane Resins

## 2018 MeSH Tree Hierarchy

Tree location
J01.637.051.339.291.402.....Glass Ionomer Cements
J01.637.051.339.291.402.120.....Cermet Cements
J01.637.051.339.291.476.....Organically Modified Ceramics
J01.637.051.339.291.700.....Polycarboxylate Cement
J01.637.051.339.291.750.....Resin Cements
J01.637.051.339.291.800.....Silicate Cement
J01.637.051.339.291.925.....Zinc Oxide-Eugenol Cement
J01.637.051.339.291.950.....Zinc Phosphate Cement
J01.637.051.339.312.....Dental Implants
J01.637.051.339.334.....Dental Impression Materials
J01.637.051.339.334.574.....Inlay Casting Wax
J01.637.051.339.376.....Dental Porcelain
J01.637.051.339.574.....Photoinitiators, Dental
J01.637.051.339.773.....Pit and Fissure Sealants
J01.637.051.339.788.....Pulp Capping and Pulpectomy Agents
J01.637.051.339.816.....Resins, Synthetic
J01.637.051.339.816.500.....Composite Resins
J01.637.051.339.816.500.200.....Bisphenol A-Glycidyl Methacrylate
J01.637.051.339.816.500.300.....Compomers
J01.637.051.339.859.....Root Canal Filling Materials
J01.637.051.339.859.495.....Gutta-Percha
J01.637.051.376.....Dentifrices
J01.637.051.376.262.....Denture Cleansers
J01.637.051.376.711.....Toothpastes
J01.637.051.479.....Membranes, Artificial
J01.637.051.479.258.....Artificial Cells
J01.637.051.479.517.....Liposomes
J01.637.051.479.517.500.....Unilamellar Liposomes
J01.637.051.479.900.....Virosomes
J01.637.051.583.....Mouthwashes
J01.637.051.583.820.....Saliva, Artificial
J01.637.051.720.....Polymers
J01.637.051.720.099.....Biopolymers
J01.637.051.720.099.500.....Cellulose
J01.637.051.720.099.500.252.....Cellophane
J01.637.051.720.099.500.439.....Collodion
J01.637.051.720.099.500.719.....Hypromellose Derivatives
J01.637.051.720.099.625.....Latex
J01.637.051.720.099.687.....Lignin
J01.637.051.720.099.750.....Rubber
J01.637.051.720.200.....Colestipol

## 2018 MeSH Tree Hierarchy

Tree location
J01.637.051.720.259.....Cyanoacrylates
J01.637.051.720.259.341.....Enbucrilate
J01.637.051.720.259.341.110.....Bucrylate
J01.637.051.720.327.....Elastomers
J01.637.051.720.327.782.....Polyurethanes
J01.637.051.720.327.840.....Rubber
J01.637.051.720.327.840.480.....Neoprene
J01.637.051.720.327.900.....Silicone Elastomers
J01.637.051.720.395.....Fluorocarbon Polymers
J01.637.051.720.395.616.....Polytetrafluoroethylene
J01.637.051.720.395.616.755.....Proplast
J01.637.051.720.470.....Hexadimethrine Bromide
J01.637.051.720.540.....Latex
J01.637.051.720.628.....Organically Modified Ceramics
J01.637.051.720.716.....Plastics
J01.637.051.720.716.195.....Biodegradable Plastics
J01.637.051.720.716.392.....Nylons
J01.637.051.720.716.507.....Polyethylenes
J01.637.051.720.716.507.500.....Polyethylene
J01.637.051.720.716.507.600.....Polyethyleneimine
J01.637.051.720.716.550.....Polypropylenes
J01.637.051.720.716.579.....Polystyrenes
J01.637.051.720.716.579.159.....Cholestyramine Resin
J01.637.051.720.716.650.....Polyurethanes
J01.637.051.720.716.721.....Polyvinyls
J01.637.051.720.716.721.616.....Polyvinyl Alcohol
J01.637.051.720.716.721.812.....Polyvinyl Chloride
J01.637.051.720.716.721.838.....Povidone
J01.637.051.720.716.721.838.745.....Povidone-Iodine
J01.637.051.720.716.822.....Resins, Synthetic
J01.637.051.720.716.822.111.....Acrylic Resins
J01.637.051.720.716.822.111.650.....Polymethacrylic Acids
J01.637.051.720.716.822.111.650.605.....Methylmethacrylates
J01.637.051.720.716.822.111.650.605.450.....Methylmethacrylate
J01.637.051.720.716.822.111.650.605.500.....Polymethyl Methacrylate
J01.637.051.720.716.822.111.650.750.....Polyhydroxyethyl Methacrylate
J01.637.051.720.716.822.300.....Bone Cements
J01.637.051.720.716.822.308.....Composite Resins
J01.637.051.720.716.822.308.200.....Bisphenol A-Glycidyl Methacrylate
J01.637.051.720.716.822.308.300.....Compomers
J01.637.051.720.716.822.461.....Epoxy Resins

## 2018 MeSH Tree Hierarchy

Tree location	
J01.637.051.720.716.822.730.....	Resin Cements
J01.637.051.720.722.....	Polyanetholesulfonate
J01.637.051.720.728.....	Polyesters
J01.637.051.720.728.700.....	Polydioxanone
J01.637.051.720.728.764.....	Polyethylene Terephthalates
J01.637.051.720.728.772.....	Polyglactin 910
J01.637.051.720.728.780.....	Polyglycolic Acid
J01.637.051.720.741.....	Polyethylene Glycols
J01.637.051.720.741.250.....	Cetomacrogol
J01.637.051.720.741.485.....	Hydrogel, Polyethylene Glycol Dimethacrylate
J01.637.051.720.741.575.....	Nonoxynol
J01.637.051.720.741.610.....	Octoxynol
J01.637.051.720.741.650.....	Poloxalene
J01.637.051.720.741.667.....	Poloxamer
J01.637.051.720.741.685.....	Polyhydroxyethyl Methacrylate
J01.637.051.720.741.700.....	Polysorbates
J01.637.051.720.780.....	Polygeline
J01.637.051.720.795.....	Polyphloreitin Phosphate
J01.637.051.720.830.....	Pyran Copolymer
J01.637.051.720.900.....	Siloxanes
J01.637.051.720.900.850.....	Silicones
J01.637.051.720.900.850.150.....	Dimethylpolysiloxanes
J01.637.051.720.900.850.150.750.....	Simethicone
J01.637.051.720.900.850.900.....	Silicone Elastomers
J01.637.051.720.900.850.905.....	Silicone Gels
J01.637.051.720.900.850.950.....	Silicone Oils
J01.637.051.800.....	Root Canal Irrigants
J01.637.051.919.....	Tissue Adhesives
J01.637.051.919.367.....	Cyanoacrylates
J01.637.051.919.367.341.....	Enbucrilate
J01.637.051.919.367.341.110.....	Bucrylate
J01.637.087.....	Biomimetic Materials
J01.637.087.249.....	Blood Substitutes
J01.637.087.500.....	Membranes, Artificial
J01.637.087.500.254.....	Artificial Cells
J01.637.087.500.510.....	Lipid Bilayers
J01.637.087.500.517.....	Liposomes
J01.637.087.500.517.500.....	Unilamellar Liposomes
J01.637.087.500.900.....	Virosomes
J01.637.087.750.....	Receptors, Artificial
J01.637.118.....	Cellophane

## 2018 MeSH Tree Hierarchy

Tree location
J01.637.153.....Ceramics
J01.637.153.377.....Dental Porcelain
J01.637.153.688.....Organically Modified Ceramics
J01.637.215.....Clothing
J01.637.215.600.....Protective Clothing
J01.637.215.600.199.....Ear Protective Devices
J01.637.215.600.400.....Gloves, Protective
J01.637.215.600.400.400.....Gloves, Surgical
J01.637.215.600.700.....Space Suits
J01.637.215.800.....Shoes
J01.637.241.....Construction Materials
J01.637.241.900.....Wood
J01.637.370.....Cooking and Eating Utensils
J01.637.412.....Elastomers
J01.637.412.700.....Polyurethanes
J01.637.412.767.....Rubber
J01.637.412.767.480.....Neoprene
J01.637.412.900.....Silicone Elastomers
J01.637.437.....Glass
J01.637.450.....Industrial Oils
J01.637.500.....Ink
J01.637.502.....Jewelry
J01.637.506.....Liquid Crystals
J01.637.507.....Magnets
J01.637.507.500.....Magnetite Nanoparticles
J01.637.509.....Micro-Electrical-Mechanical Systems
J01.637.512.....Nanostructures
J01.637.512.150.....Nanocomposites
J01.637.512.300.....Nanofibers
J01.637.512.600.....Nanoparticles
J01.637.512.600.150.....Calcifying Nanoparticles
J01.637.512.600.200.....Dendrimers
J01.637.512.600.500.....Metal Nanoparticles
J01.637.512.600.500.287.....Magnetite Nanoparticles
J01.637.512.600.500.575.....Nanoshells
J01.637.512.600.575.....Nanocapsules
J01.637.512.600.577.....Nanoconjugates
J01.637.512.600.580.....Nanodiamonds
J01.637.512.600.612.....Nanospheres
J01.637.512.600.612.350.....Fullerenes
J01.637.512.600.650.....Quantum Dots

## 2018 MeSH Tree Hierarchy

Tree location
J01.637.512.650.....Nanopores
J01.637.512.850.....Nanotubes
J01.637.512.850.500.....Nanotubes, Carbon
J01.637.512.850.750.....Nanotubes, Peptide
J01.637.512.925.....Nanowires
J01.637.548.....Nylons
J01.637.597.....Paint
J01.637.597.422.....Lacquer
J01.637.650.....Paper
J01.637.708.....Protective Devices
J01.637.708.100.....Air Bags
J01.637.708.175.....Child Restraint Systems
J01.637.708.560.....Personal Protective Equipment
J01.637.708.560.250.....Ear Protective Devices
J01.637.708.560.500.....Eye Protective Devices
J01.637.708.560.750.....Head Protective Devices
J01.637.708.560.782.....Masks
J01.637.708.560.782.450.....Laryngeal Masks
J01.637.708.560.813.....Mouth Protectors
J01.637.708.560.875.....Protective Clothing
J01.637.708.560.875.400.....Gloves, Protective
J01.637.708.560.875.400.400.....Gloves, Surgical
J01.637.708.560.875.700.....Space Suits
J01.637.708.560.937.....Respiratory Protective Devices
J01.637.767.....Smoking Devices
J01.637.767.500.....Electronic Nicotine Delivery Systems
J01.637.767.750.....Smoking Pipes
J01.637.767.750.500.....Smoking Water Pipes
J01.637.767.844.....Tobacco Products
J01.637.767.844.250.....Nicotine Chewing Gum
J01.637.767.844.500.....Tobacco, Smokeless
J01.637.767.844.750.....Tobacco, Waterpipe
J01.637.825.....Sports Equipment
J01.637.847.....Tobacco Use Cessation Products
J01.637.870.....Weapons
J01.637.870.175.....Bombs
J01.637.870.175.500.....Nuclear Weapons
J01.637.870.350.....Firearms
J01.637.870.800.....Tear Gases
J01.637.870.900.....Weapons of Mass Destruction
J01.637.870.900.100.....Biological Warfare Agents

## 2018 MeSH Tree Hierarchy

Tree location	
J01.637.870.900.200.....	Chemical Warfare Agents
J01.637.870.900.575.....	Nuclear Weapons
J01.637.883.....	Wool
J01.675.....	Military Science
J01.728.....	Natural Resources
J01.728.500.....	Water Resources
J01.780.....	Power Plants
J01.780.600.....	Nuclear Power Plants
J01.839.....	Sustainable Growth
J01.897.....	Technology
J01.897.052.....	Culturally Appropriate Technology
J01.897.104.....	Automation
J01.897.104.416.....	Automation, Laboratory
J01.897.104.834.....	Robotics
J01.897.115.....	Biomedical Technology
J01.897.115.250.....	Biomedical Enhancement
J01.897.115.250.500.....	Genetic Enhancement
J01.897.115.625.....	Nanomedicine
J01.897.120.....	Biotechnology
J01.897.120.100.....	Biomimetics
J01.897.120.115.....	Bioreactors
J01.897.120.115.600.....	Photobioreactors
J01.897.120.460.....	Industrial Microbiology
J01.897.280.....	Educational Technology
J01.897.280.500.....	Audiovisual Aids
J01.897.280.500.117.....	Books, Illustrated
J01.897.280.500.269.....	Exhibits as Topic
J01.897.280.500.426.....	Maps as Topic
J01.897.280.500.480.....	Medical Illustration
J01.897.280.500.545.....	Models, Structural
J01.897.280.500.545.129.....	Models, Anatomic
J01.897.280.500.545.129.200.....	Dental Models
J01.897.280.500.545.129.400.....	Manikins
J01.897.280.500.545.129.805.....	Visible Human Projects
J01.897.280.500.598.....	Motion Pictures
J01.897.280.500.633.....	Multimedia
J01.897.280.500.668.....	Optical Storage Devices
J01.897.280.500.668.800.....	Videodisc Recording
J01.897.280.500.668.800.250.....	Compact Disks
J01.897.280.500.668.800.250.100.....	CD-I
J01.897.280.500.668.800.250.200.....	CD-ROM

## 2018 MeSH Tree Hierarchy

Tree location
J01.897.280.500.739.....Radio
J01.897.280.500.846.....Tape Recording
J01.897.280.500.846.734.....Videotape Recording
J01.897.280.500.898.....Television
J01.897.280.500.898.475.....Microscopy, Video
J01.897.280.500.898.800.....Videodisc Recording
J01.897.280.500.898.800.250.....Compact Disks
J01.897.280.500.898.800.250.100.....CD-I
J01.897.280.500.898.800.250.200.....CD-ROM
J01.897.280.500.898.840.....Videotape Recording
J01.897.360.....Green Chemistry Technology
J01.897.400.....Inventions
J01.897.441.....Man-Machine Systems
J01.897.461.....Materials Science
J01.897.480.....Medical Laboratory Science
J01.897.520.....Miniaturization
J01.897.520.500.....Microtechnology
J01.897.520.500.500.....Microfluidics
J01.897.520.600.....Nanotechnology
J01.897.520.600.600.....Nanomedicine
J01.897.520.600.600.500.....Theranostic Nanomedicine
J01.897.564.....Printing, Three-Dimensional
J01.897.564.500.....Stereolithography
J01.897.608.....Quality Control
J01.897.608.500.....Laboratory Proficiency Testing
J01.897.724.....Technology, Dental
J01.897.836.....Technology, Pharmaceutical
J01.897.836.249.....Chemistry Techniques, Synthetic
J01.897.836.249.124.....Click Chemistry
J01.897.836.249.249.....Combinatorial Chemistry Techniques
J01.897.836.249.249.500.....SELEX Aptamer Technique
J01.897.836.249.374.....Cycloaddition Reaction
J01.897.836.249.500.....Solid-Phase Synthesis Techniques
J01.897.836.750.....Molecular Farming
J01.897.891.....Technology, Radiologic
J01.897.900.....Technology Transfer
J01.937.....Transportation
J01.937.285.....Aviation
J01.937.285.100.....Aircraft
J01.937.285.100.100.....Air Ambulances
J01.937.285.850.....Space Flight



## 2018 MeSH Tree Hierarchy

Tree location
J01.937.285.850.400.....Extravehicular Activity
J01.937.285.850.900.....Spacecraft
J01.937.500.....Motor Vehicles
J01.937.500.050.....Ambulances
J01.937.500.100.....Automobiles
J01.937.500.500.....Motorcycles
J01.937.500.600.....Off-Road Motor Vehicles
J01.937.690.....Railroads
J01.937.817.....Ships
J02.....Food and Beverages
J02.200.....Beverages
J02.200.100.....Alcoholic Beverages
J02.200.100.100.....Absinthe
J02.200.100.200.....Beer
J02.200.100.900.....Wine
J02.200.300.....Carbonated Beverages
J02.200.300.500.....Carbonated Water
J02.200.325.....Coffee
J02.200.418.....Drinking Water
J02.200.418.500.....Carbonated Water
J02.200.512.....Energy Drinks
J02.200.606.....Fruit and Vegetable Juices
J02.200.700.....Milk
J02.200.700.250.....Buttermilk
J02.200.700.375.....Kefir
J02.200.700.438.....Koumiss
J02.200.700.500.....Milk, Human
J02.200.700.750.....Whey
J02.200.712.....Milk Substitutes
J02.200.712.249.....Infant Formula
J02.200.712.500.....Soy Milk
J02.200.831.....Tea
J02.200.831.500.....Kombucha Tea
J02.200.950.....Teas, Herbal
J02.200.975.....Teas, Medicinal
J02.350.....Fermented Foods
J02.350.250.....Beer
J02.350.500.....Cultured Milk Products
J02.350.500.222.....Buttermilk
J02.350.500.444.....Cheese
J02.350.500.666.....Kefir

## 2018 MeSH Tree Hierarchy

Tree location
J02.350.500.777.....Koumiss
J02.350.500.888.....Yogurt
J02.350.625.....Kombucha Tea
J02.350.750.....Silage
J02.350.775.....Soy Foods
J02.350.887.....Wine
J02.500.....Food
J02.500.100.....Bread
J02.500.140.....Candy
J02.500.140.200.....Chewing Gum
J02.500.140.200.500.....Nicotine Chewing Gum
J02.500.195.....Chocolate
J02.500.250.....Condiments
J02.500.250.725.....Spices
J02.500.300.....Crops, Agricultural
J02.500.300.100.....Animal Feed
J02.500.300.100.800.....Silage
J02.500.300.550.....Edible Grain
J02.500.300.550.500.....Whole Grains
J02.500.350.....Dairy Products
J02.500.350.100.....Butter
J02.500.350.100.500.....Ghee
J02.500.350.300.....Cultured Milk Products
J02.500.350.300.222.....Buttermilk
J02.500.350.300.444.....Cheese
J02.500.350.300.666.....Kefir
J02.500.350.300.777.....Koumiss
J02.500.350.300.888.....Yogurt
J02.500.350.400.....Ice Cream
J02.500.350.500.....Margarine
J02.500.350.525.....Milk
J02.500.350.525.250.....Buttermilk
J02.500.350.525.375.....Kefir
J02.500.350.525.438.....Koumiss
J02.500.350.525.500.....Milk, Human
J02.500.350.525.520.....Milk Proteins
J02.500.350.525.520.500.....Whey Proteins
J02.500.350.525.760.....Whey
J02.500.350.525.760.500.....Whey Proteins
J02.500.362.....Dietary Carbohydrates
J02.500.362.831.....Dietary Sugars

## 2018 MeSH Tree Hierarchy

Tree location
J02.500.362.831.250.....Dietary Sucrose
J02.500.362.831.500.....High Fructose Corn Syrup
J02.500.375.....Dietary Fats
J02.500.375.200.....Butter
J02.500.375.200.500.....Ghee
J02.500.375.400.....Dietary Fats, Unsaturated
J02.500.375.400.250.....Corn Oil
J02.500.375.400.300.....Cottonseed Oil
J02.500.375.400.500.....Olive Oil
J02.500.375.400.700.....Safflower Oil
J02.500.375.400.725.....Sesame Oil
J02.500.375.400.750.....Soybean Oil
J02.500.375.650.....Margarine
J02.500.400.....Dietary Fiber
J02.500.400.500.....Prebiotics
J02.500.428.....Dietary Proteins
J02.500.428.317.....Egg Proteins, Dietary
J02.500.428.626.....Milk Proteins
J02.500.428.626.500.....Whey Proteins
J02.500.428.920.....Vegetable Proteins
J02.500.456.....Dietary Supplements
J02.500.456.249.....Prebiotics
J02.500.456.500.....Probiotics
J02.500.456.716.....Synbiotics
J02.500.456.933.....Yeast, Dried
J02.500.470.....Eggs
J02.500.470.349.....Egg Proteins, Dietary
J02.500.470.700.....Egg White
J02.500.470.800.....Egg Yolk
J02.500.477.....Fast Foods
J02.500.484.....Flour
J02.500.514.....Food Ingredients
J02.500.514.500.....Food Additives
J02.500.514.500.350.....Fat Substitutes
J02.500.514.500.400.....Flavoring Agents
J02.500.514.500.400.700.....Sweetening Agents
J02.500.514.500.400.700.500.....Non-Nutritive Sweeteners
J02.500.514.500.400.700.750.....Nutritive Sweeteners
J02.500.514.500.400.700.750.250.....Dietary Sucrose
J02.500.514.500.400.700.750.500.....High Fructose Corn Syrup
J02.500.514.500.700.....Food Preservatives

## 2018 MeSH Tree Hierarchy

Tree location
J02.500.515.....Food, Fortified
J02.500.518.....Food, Genetically Modified
J02.500.519.....Food, Organic
J02.500.521.....Food, Preserved
J02.500.521.500.....Frozen Foods
J02.500.525.....Foods, Specialized
J02.500.525.350.....Food, Formulated
J02.500.525.350.500.....Infant Formula
J02.500.525.500.....Infant Food
J02.500.525.500.500.....Infant Formula
J02.500.562.....Fruit
J02.500.572.....Functional Food
J02.500.581.....Honey
J02.500.590.....Meals
J02.500.590.120.....Breakfast
J02.500.590.560.....Lunch
J02.500.590.780.....Snacks
J02.500.600.....Meat
J02.500.600.500.....Meat Products
J02.500.600.750.....Poultry
J02.500.600.750.500.....Poultry Products
J02.500.600.813.....Red Meat
J02.500.600.875.....Seafood
J02.500.600.875.400.....Fish Products
J02.500.600.875.400.400.....Fish Flour
J02.500.600.875.700.....Shellfish
J02.500.631.....Micronutrients
J02.500.631.555.....Trace Elements
J02.500.631.600.....Vitamins
J02.500.631.600.500.....Provitamins
J02.500.662.....Molasses
J02.500.700.....Nuts
J02.500.737.....Raw Foods
J02.500.775.....Seeds
J02.500.775.500.....Edible Grain
J02.500.775.500.500.....Whole Grains
J02.500.850.....Vegetables
J02.500.850.800.....Vegetable Products
J02.500.850.800.500.....Soy Foods
J02.500.850.800.500.500.....Soy Milk
J02.500.850.800.500.750.....Soybean Proteins

## 2018 MeSH Tree Hierarchy

Tree location
J02.500.850.900.....Vegetable Proteins
J03.....Non-Medical Public and Private Facilities
J03.040.....Adult Day Care Centers
J03.150.....Cemeteries
J03.160.....Child Day Care Centers
J03.240.....Funeral Homes
J03.320.....Gardens
J03.340.....Housing
J03.340.030.....Almshouses
J03.340.250.....Housing, Animal
J03.340.260.....Housing for the Elderly
J03.340.650.....Public Housing
J03.340.825.....Refugee Camps
J03.400.....Information Centers
J03.400.208.....Archives
J03.400.596.....Libraries
J03.400.596.363.....Libraries, Dental
J03.400.596.413.....Libraries, Digital
J03.400.596.463.....Libraries, Hospital
J03.400.596.563.....Libraries, Medical
J03.400.596.563.725.....National Library of Medicine (U.S.)
J03.400.596.663.....Libraries, Nursing
J03.400.596.831.....Libraries, Special
J03.520.....Laboratories
J03.540.....Manufacturing and Industrial Facilities
J03.540.020.....Abattoirs
J03.540.150.....Farms
J03.540.280.....Fisheries
J03.540.680.....Power Plants
J03.540.680.600.....Nuclear Power Plants
J03.560.....Military Facilities
J03.570.....Museums
J03.693.....Prisons
J03.693.358.....Concentration Camps
J03.700.....Private Facilities
J03.720.....Public Facilities
J03.748.....Religious Missions
J03.775.....Residential Facilities
J03.775.187.....Assisted Living Facilities
J03.775.375.....Group Homes
J03.775.450.....Halfway Houses

## 2018 MeSH Tree Hierarchy

Tree location
J03.775.462.....Homes for the Aged
J03.775.640.....Orphanages
J03.813.....Restaurants
J03.832.....Schools
J03.832.330.....Library Schools
J03.832.660.....Schools, Nursery
J03.832.830.....Universities
J03.850.....Senior Centers
J03.860.....Sheltered Workshops
J03.925.....Sports and Recreational Facilities
J03.925.080.....Bathing Beaches
J03.925.680.....Parks, Recreational
J03.925.830.....Swimming Pools
J03.962.....Toilet Facilities
J03.970.....Transportation Facilities
J03.970.100.....Airports
J03.970.680.....Parking Facilities
K01.....Humanities
K01.093.....Art
K01.093.206.....Caricatures as Topic
K01.093.206.332.....Cartoons as Topic
K01.093.346.....Engraving and Engravings
K01.093.378.....Human Body
K01.093.410.....Medical Illustration
K01.093.410.100.....Anatomy, Artistic
K01.093.530.....Medicine in the Arts
K01.093.545.....Motion Pictures
K01.093.560.....Numismatics
K01.093.646.....Paintings
K01.093.660.....Philately
K01.093.701.....Pictorial Works as Topic
K01.093.742.....Portraits as Topic
K01.093.796.....Science in the Arts
K01.093.849.....Sculpture
K01.150.....Awards and Prizes
K01.150.567.....Nobel Prize
K01.400.....History
K01.400.075.....Alchemy
K01.400.095.....Anniversaries and Special Events
K01.400.152.....Archives
K01.400.152.552.....Museums

## 2018 MeSH Tree Hierarchy

Tree location
K01.400.255.....Emblems and Insignia
K01.400.307.....Eugenics
K01.400.359.....Genealogy and Heraldry
K01.400.441.....Historiography
K01.400.470.....History, Ancient
K01.400.475.....History, Early Modern 1451-1600
K01.400.475.500.....History, 15th Century
K01.400.475.750.....History, 16th Century
K01.400.500.....History, Medieval
K01.400.504.....History, Modern 1601-
K01.400.504.750.....History, 17th Century
K01.400.504.875.....History, 18th Century
K01.400.504.875.100.....American Revolution
K01.400.504.875.374.....French Revolution
K01.400.504.937.....History, 19th Century
K01.400.504.937.100.....American Civil War
K01.400.504.937.500.....Crimean War
K01.400.504.937.750.....Spanish-American War, 1898
K01.400.504.968.....History, 20th Century
K01.400.504.968.074.....Bhopal Accidental Release
K01.400.504.968.150.....Chernobyl Nuclear Accident
K01.400.504.968.400.....Gulf War
K01.400.504.968.450.....Influenza Pandemic, 1918-1919
K01.400.504.968.500.....Korean War
K01.400.504.968.650.....Russian-Japanese War
K01.400.504.968.700.....Seveso Accidental Release
K01.400.504.968.750.....Sverdlovsk Accidental Release
K01.400.504.968.850.....Vietnam Conflict
K01.400.504.968.900.....World War I
K01.400.504.968.901.....World War II
K01.400.504.984.....History, 21st Century
K01.400.504.984.124.....Afghan Campaign 2001-
K01.400.504.984.186.....Fukushima Nuclear Accident
K01.400.504.984.249.....Iraq War, 2003-2011
K01.400.504.984.500.....September 11 Terrorist Attacks
K01.400.551.....History of Dentistry
K01.400.552.....History of Medicine
K01.400.608.....History of Nursing
K01.400.703.....Natural History
K01.400.799.....Phrenology
K01.400.899.....Symbolism

## 2018 MeSH Tree Hierarchy

Tree location
K01.400.899.500.....Metaphor
K01.468.....Knowledge
K01.517.....Literature
K01.517.067.....Anecdotes as Topic
K01.517.116.....Aphorisms and Proverbs as Topic
K01.517.172.....Bible
K01.517.211.....Biography as Topic
K01.517.211.215.....Autobiography as Topic
K01.517.211.506.....Famous Persons
K01.517.211.753.....Personal Narratives as Topic
K01.517.333.....Drama
K01.517.414.....Erotica
K01.517.495.....Literature, Medieval
K01.517.533.....Literature, Modern
K01.517.584.....Medicine in Literature
K01.517.584.500.....Psychiatry in Literature
K01.517.647.....Mythology
K01.517.732.....Philology
K01.517.732.477.....Philology, Classical
K01.517.732.602.....Philology, Oriental
K01.517.732.727.....Philology, Romance
K01.517.781.....Poetry as Topic
K01.517.864.....Science in Literature
K01.517.946.....Wit and Humor as Topic
K01.602.....Music
K01.637.....Nature
K01.672.....Occultism
K01.672.296.....Astrology
K01.752.....Philosophy
K01.752.210.....Esthetics
K01.752.210.304.....Beauty
K01.752.304.....Existentialism
K01.752.400.....Life
K01.752.400.100.....Beginning of Human Life
K01.752.400.750.....Quality of Life
K01.752.400.900.....Value of Life
K01.752.448.....Logic
K01.752.448.250.....Fuzzy Logic
K01.752.511.....Metaphysics
K01.752.566.....Morals
K01.752.566.359.....Conscience



## 2018 MeSH Tree Hierarchy

Tree location
K01.752.566.479.....Ethics
K01.752.566.479.023.....Bioethical Issues
K01.752.566.479.045.....Bioethics
K01.752.566.479.045.500.....Ethics, Clinical
K01.752.566.479.068.....Codes of Ethics
K01.752.566.479.068.249.....Helsinki Declaration
K01.752.566.479.068.400.....Hippocratic Oath
K01.752.566.479.090.....Complicity
K01.752.566.479.095.....Conflict of Interest
K01.752.566.479.101.....Double Effect Principle
K01.752.566.479.113.....Ethical Analysis
K01.752.566.479.113.150.....Casuistry
K01.752.566.479.113.750.....Retrospective Moral Judgment
K01.752.566.479.113.875.....Wedge Argument
K01.752.566.479.116.....Ethical Relativism
K01.752.566.479.117.....Ethical Review
K01.752.566.479.117.200.....Ethics Consultation
K01.752.566.479.118.....Ethical Theory
K01.752.566.479.119.....Ethicists
K01.752.566.479.147.....Ethics Committees
K01.752.566.479.147.500.....Ethics Committees, Clinical
K01.752.566.479.147.750.....Ethics Committees, Research
K01.752.566.479.161.....Ethics, Business
K01.752.566.479.168.....Ethics, Institutional
K01.752.566.479.171.....Ethics, Professional
K01.752.566.479.171.066.....Codes of Ethics
K01.752.566.479.171.066.249.....Helsinki Declaration
K01.752.566.479.171.132.....Ethics, Clinical
K01.752.566.479.171.132.500.....Ethics, Dental
K01.752.566.479.171.132.750.....Ethics, Medical
K01.752.566.479.171.132.750.551.....Hippocratic Oath
K01.752.566.479.171.132.750.775.....Therapeutic Equipoise
K01.752.566.479.171.132.875.....Ethics, Nursing
K01.752.566.479.171.132.937.....Ethics, Pharmacy
K01.752.566.479.171.566.....Professionalism
K01.752.566.479.173.....Ethics, Research
K01.752.566.479.173.200.....Censorship, Research
K01.752.566.479.173.400.....Helsinki Declaration
K01.752.566.479.173.700.....Therapeutic Equipoise
K01.752.566.479.173.850.....Therapeutic Misconception
K01.752.566.479.174.....Humanism

## 2018 MeSH Tree Hierarchy

Tree location
K01.752.566.479.174.700.....Feminism
K01.752.566.479.417.....Moral Status
K01.752.566.479.660.....Personhood
K01.752.566.479.830.....Principle-Based Ethics
K01.752.566.479.830.500.....Beneficence
K01.752.566.479.830.650.....Personal Autonomy
K01.752.566.479.830.750.....Social Justice
K01.752.566.479.915.....Professional Misconduct
K01.752.566.479.915.500.....Scientific Misconduct
K01.752.566.739.....Moral Development
K01.752.566.869.....Social Responsibility
K01.752.566.869.500.....Moral Obligations
K01.752.566.934.....Virtues
K01.752.622.....Philosophy, Dental
K01.752.622.416.....Ethics, Dental
K01.752.667.....Philosophy, Medical
K01.752.667.400.....Empiricism
K01.752.667.555.....Germ Theory of Disease
K01.752.667.710.....Holistic Health
K01.752.667.750.....Humoralism
K01.752.667.875.....Hygiene Hypothesis
K01.752.712.....Philosophy, Nursing
K01.752.712.416.....Ethics, Nursing
K01.752.712.708.....Holistic Nursing
K01.752.720.....Postmodernism
K01.752.730.....Qi
K01.752.798.....Symbolism
K01.752.798.500.....Metaphor
K01.752.798.750.....Symbolic Interactionism
K01.752.827.....Thanatology
K01.752.884.....Utopias
K01.752.935.....Vitalism
K01.752.967.....Yin-Yang
K01.844.....Religion
K01.844.058.....Anthroposophy
K01.844.117.....Buddhism
K01.844.188.....Christianity
K01.844.188.250.....Catholicism
K01.844.188.431.....Christian Science
K01.844.188.466.....Church of Jesus Christ of Latter-day Saints
K01.844.188.502.....Eastern Orthodoxy

## 2018 MeSH Tree Hierarchy

Tree location
K01.844.188.573.....Jehovah's Witnesses
K01.844.188.644.....Protestantism
K01.844.188.715.....Saints
K01.844.231.....Hinduism
K01.844.275.....Islam
K01.844.385.....Judaism
K01.844.619.....Religion and Medicine
K01.844.619.500.....Spirit Possession
K01.844.664.....Religion and Psychology
K01.844.664.500.....Spirituality
K01.844.709.....Religion and Science
K01.844.754.....Religion and Sex
K01.844.777.....Religious Missions
K01.844.799.....Religious Philosophies
K01.844.799.214.....Confucianism
K01.844.799.430.....Mysticism
K01.844.799.679.....Spiritualism
K01.844.799.867.....Yoga
K01.844.949.....Theology
K01.883.....Romanticism
K01.922.....Secularism
L01.....Information Science
L01.100.....Classification
L01.100.697.....Phylogeny
L01.143.....Communication
L01.143.024.....Access to Information
L01.143.050.....Advertising as Topic
L01.143.230.....Communication Barriers
L01.143.230.500.....Digital Divide
L01.143.256.....Computer Literacy
L01.143.320.....Diffusion of Innovation
L01.143.320.800.....Technology Transfer
L01.143.335.....Disclosure
L01.143.350.....Health Communication
L01.143.443.....Information Dissemination
L01.143.450.....Information Literacy
L01.143.450.500.....Health Literacy
L01.143.458.....Information Seeking Behavior
L01.143.620.....Negotiating
L01.143.649.....Nonverbal Communication
L01.143.649.263.....Lipreading

## 2018 MeSH Tree Hierarchy

Tree location
L01.143.649.526.....Manual Communication
L01.143.649.526.334.....Lipreading
L01.143.649.526.668.....Sign Language
L01.143.762.....Persuasive Communication
L01.143.790.....Propaganda
L01.143.805.....Public Service Announcements as Topic
L01.143.820.....Reminder Systems
L01.143.865.....Scholarly Communication
L01.143.865.500.....Interdisciplinary Communication
L01.143.865.750.....Peer Review, Research
L01.143.910.....Social Networking
L01.143.910.500.....Scholarly Communication
L01.178.....Communications Media
L01.178.590.....Mass Media
L01.178.590.500.....Motion Pictures
L01.178.590.700.....Radio
L01.178.590.875.....Television
L01.178.590.875.800.....Videodisc Recording
L01.178.590.875.800.250.....Compact Disks
L01.178.590.875.800.250.100.....CD-I
L01.178.590.875.800.250.200.....CD-ROM
L01.178.590.875.840.....Videotape Recording
L01.178.682.....Publications
L01.178.682.099.....Bibliography as Topic
L01.178.682.099.183.....Bibliography, National
L01.178.682.099.308.....Bibliography of Medicine
L01.178.682.099.325.....Bibliometrics
L01.178.682.099.325.500.....Journal Impact Factor
L01.178.682.099.325.750.....Literature Based Discovery
L01.178.682.099.434.....Biobibliography as Topic
L01.178.682.150.....Book Reviews as Topic
L01.178.682.192.....Books
L01.178.682.192.122.....Book Imprints
L01.178.682.192.122.622.....Printers' Marks
L01.178.682.192.178.....Book Ornamentation
L01.178.682.192.234.....Bookplates as Topic
L01.178.682.192.289.....Books, Illustrated
L01.178.682.192.289.500.....Graphic Novels as Topic
L01.178.682.192.402.....Cookbooks as Topic
L01.178.682.192.515.....Incunabula as Topic
L01.178.682.192.609.....Manuals as Topic

## 2018 MeSH Tree Hierarchy

Tree location
L01.178.682.192.609.666.....Sex Manuals
L01.178.682.192.779.....Rare Books
L01.178.682.192.836.....Reference Books
L01.178.682.192.836.072.....Almanacs as Topic
L01.178.682.192.836.147.....Atlases as Topic
L01.178.682.192.836.285.....Dictionaries as Topic
L01.178.682.192.836.285.206.....Dictionaries, Chemical
L01.178.682.192.836.285.277.....Dictionaries, Classical as Topic
L01.178.682.192.836.285.348.....Dictionaries, Dental as Topic
L01.178.682.192.836.285.419.....Dictionaries, Medical
L01.178.682.192.836.285.490.....Dictionaries, Pharmaceutic as Topic
L01.178.682.192.836.285.561.....Dictionaries, Polyglot as Topic
L01.178.682.192.836.339.....Directories as Topic
L01.178.682.192.836.390.....Dispensatories
L01.178.682.192.836.456.....Encyclopedias as Topic
L01.178.682.192.836.535.....Formularies as Topic
L01.178.682.192.836.535.310.....Formularies, Dental as Topic
L01.178.682.192.836.535.435.....Formularies, Homeopathic
L01.178.682.192.836.535.561.....Formularies, Hospital
L01.178.682.192.836.642.....Herbals as Topic
L01.178.682.192.836.749.....Pharmacopoeias as Topic
L01.178.682.192.836.749.599.....Pharmacopoeias, Homeopathic
L01.178.682.192.836.842.....Reference Books, Medical
L01.178.682.192.836.842.385.....Dictionaries, Medical
L01.178.682.192.900.....Textbooks as Topic
L01.178.682.236.....Broadsides as Topic
L01.178.682.263.....Calendars as Topic
L01.178.682.290.....Catalogs as Topic
L01.178.682.290.183.....Catalogs, Commercial
L01.178.682.290.183.249.....Catalogs, Booksellers'
L01.178.682.290.183.416.....Catalogs, Publishers'
L01.178.682.290.283.....Catalogs, Drug
L01.178.682.290.383.....Catalogs, Library
L01.178.682.290.483.....Catalogs, Union
L01.178.682.389.....Academic Dissertations as Topic
L01.178.682.441.....Erotica
L01.178.682.492.....Government Publications as Topic
L01.178.682.608.....Manuscripts as Topic
L01.178.682.608.526.....Manuscripts, Medical as Topic
L01.178.682.707.....Pamphlets
L01.178.682.759.....Review Literature as Topic

## 2018 MeSH Tree Hierarchy

Tree location	
L01.178.682.759.150.....	Consensus Development Conferences as Topic
L01.178.682.759.150.500.....	Consensus Development Conferences, NIH as Topic
L01.178.682.829.....	Serial Publications
L01.178.682.829.481.....	Newspapers as Topic
L01.178.682.829.678.....	Periodicals as Topic
L01.178.682.920.....	Translations
L01.178.820.....	Teaching Materials
L01.178.820.090.....	Audiovisual Aids
L01.178.820.090.269.....	Exhibits as Topic
L01.178.820.090.426.....	Maps as Topic
L01.178.820.090.480.....	Medical Illustration
L01.178.820.090.545.....	Models, Structural
L01.178.820.090.545.129.....	Models, Anatomic
L01.178.820.090.545.129.200.....	Dental Models
L01.178.820.090.545.129.400.....	Manikins
L01.178.820.090.598.....	Motion Pictures
L01.178.820.090.615.....	MP3-Player
L01.178.820.090.633.....	Multimedia
L01.178.820.090.668.....	Optical Storage Devices
L01.178.820.090.668.800.....	Videodisc Recording
L01.178.820.090.668.800.250.....	Compact Disks
L01.178.820.090.668.800.250.100.....	CD-I
L01.178.820.090.668.800.250.200.....	CD-ROM
L01.178.820.090.703.....	Posters as Topic
L01.178.820.090.739.....	Radio
L01.178.820.090.846.....	Tape Recording
L01.178.820.090.846.734.....	Videotape Recording
L01.178.820.090.898.....	Television
L01.178.820.090.898.475.....	Microscopy, Video
L01.178.820.090.898.800.....	Videodisc Recording
L01.178.820.090.898.800.250.....	Compact Disks
L01.178.820.090.898.800.250.100.....	CD-I
L01.178.820.090.898.800.250.200.....	CD-ROM
L01.178.820.090.898.840.....	Videotape Recording
L01.178.820.500.....	Manuals as Topic
L01.178.820.500.666.....	Sex Manuals
L01.178.820.900.....	Textbooks as Topic
L01.178.847.....	Telecommunications
L01.178.847.249.....	Electronic Mail
L01.178.847.500.....	Radar
L01.178.847.514.....	Radio

## 2018 MeSH Tree Hierarchy

Tree location
L01.178.847.550.....Satellite Communications
L01.178.847.550.500.....Satellite Imagery
L01.178.847.606.....Telefacsimile
L01.178.847.652.....Telemedicine
L01.178.847.652.550.....Remote Consultation
L01.178.847.652.600.....Telepathology
L01.178.847.652.700.....Teleradiology
L01.178.847.652.850.....Telerehabilitation
L01.178.847.675.....Telemetry
L01.178.847.675.500.....Remote Sensing Technology
L01.178.847.675.500.500.....Satellite Imagery
L01.178.847.698.....Telephone
L01.178.847.698.249.....Answering Services
L01.178.847.698.300.....Cell Phone
L01.178.847.698.300.500.....Text Messaging
L01.178.847.698.500.....Modems
L01.178.847.823.....Television
L01.178.847.823.475.....Microscopy, Video
L01.178.847.900.....Videoconferencing
L01.178.847.900.500.....Webcasts as Topic
L01.178.847.950.....Wireless Technology
L01.224.....Computing Methodologies
L01.224.050.....Algorithms
L01.224.050.375.....Artificial Intelligence
L01.224.050.375.095.....Computer Heuristics
L01.224.050.375.190.....Expert Systems
L01.224.050.375.250.....Fuzzy Logic
L01.224.050.375.480.....Knowledge Bases
L01.224.050.375.480.500.....Biological Ontologies
L01.224.050.375.480.500.500.....Gene Ontology
L01.224.050.375.530.....Machine Learning
L01.224.050.375.530.500.....Supervised Machine Learning
L01.224.050.375.530.500.500.....Support Vector Machine
L01.224.050.375.530.750.....Unsupervised Machine Learning
L01.224.050.375.580.....Natural Language Processing
L01.224.050.375.605.....Neural Networks (Computer)
L01.224.050.375.630.....Robotics
L01.224.085.....Automatic Data Processing
L01.224.085.800.....Punched-Card Systems
L01.224.097.....Cloud Computing
L01.224.108.....Computer Graphics

## 2018 MeSH Tree Hierarchy

Tree location
L01.224.108.150.....Computer-Aided Design
L01.224.108.150.500.....Printing, Three-Dimensional
L01.224.108.150.500.500.....Stereolithography
L01.224.134.....Computer Security
L01.224.134.500.....Data Anonymization
L01.224.160.....Computer Simulation
L01.224.160.249.....Molecular Docking Simulation
L01.224.160.500.....Molecular Dynamics Simulation
L01.224.160.750.....Patient-Specific Modeling
L01.224.160.875.....Virtual Reality
L01.224.230.....Computer Systems
L01.224.230.110.....Computer Communication Networks
L01.224.230.110.500.....Internet
L01.224.230.110.500.500.....Blogging
L01.224.230.110.500.750.....Social Media
L01.224.230.110.600.....Local Area Networks
L01.224.230.260.....Computers
L01.224.230.260.115.....Computer Peripherals
L01.224.230.260.115.475.....Computer Storage Devices
L01.224.230.260.115.475.600.....Optical Storage Devices
L01.224.230.260.115.475.600.325.....Compact Disks
L01.224.230.260.115.475.600.325.500.....CD-I
L01.224.230.260.115.475.600.325.750.....CD-ROM
L01.224.230.260.115.500.....Computer Terminals
L01.224.230.260.115.750.....Modems
L01.224.230.260.230.....Computers, Analog
L01.224.230.260.280.....Computers, Hybrid
L01.224.230.260.280.080.....Analog-Digital Conversion
L01.224.230.260.308.....Computers, Mainframe
L01.224.230.260.315.....Computers, Molecular
L01.224.230.260.550.....Microcomputers
L01.224.230.260.550.500.....Computers, Handheld
L01.224.230.260.550.500.500.....Smartphone
L01.224.230.260.580.....Minicomputers
L01.224.300.....Computers, Molecular
L01.224.308.....Image Processing, Computer-Assisted
L01.224.308.189.....Data Compression
L01.224.308.380.....Image Enhancement
L01.224.308.380.600.....Radiographic Image Enhancement
L01.224.308.380.800.....Radiography, Dual-Energy Scanned Projection
L01.224.308.410.....Imaging, Three-Dimensional



## 2018 MeSH Tree Hierarchy

Tree location
L01.224.680.....Mathematical Computing
L01.224.680.700.....Numerical Analysis, Computer-Assisted
L01.224.740.....Semantic Web
L01.224.800.....Signal Processing, Computer-Assisted
L01.224.800.500.....Data Compression
L01.224.800.625.....Fourier Analysis
L01.224.800.750.....Wavelet Analysis
L01.224.900.....Software
L01.224.900.280.....Database Management Systems
L01.224.900.400.....Grateful Med
L01.224.900.590.....Hypermedia
L01.224.900.685.....Mobile Applications
L01.224.900.780.....Programming Languages
L01.224.900.820.....Software Design
L01.224.900.868.....Software Validation
L01.224.900.889.....Speech Recognition Software
L01.224.900.910.....User-Computer Interface
L01.224.900.930.....Video Games
L01.224.900.940.....Web Browser
L01.224.900.950.....Word Processing
L01.280.....Copying Processes
L01.280.630.....Microfilming
L01.280.940.....Tape Recording
L01.280.940.840.....Videotape Recording
L01.280.950.....Telefacsimile
L01.280.960.....Video Recording
L01.280.960.399.....Time-Lapse Imaging
L01.280.960.800.....Videodisc Recording
L01.280.960.800.250.....Compact Disks
L01.280.960.800.250.100.....CD-I
L01.280.960.800.250.200.....CD-ROM
L01.280.960.880.....Videotape Recording
L01.296.....Data Display
L01.296.110.....Computer Graphics
L01.296.110.150.....Computer-Aided Design
L01.296.110.150.500.....Printing, Three-Dimensional
L01.296.110.150.500.500.....Stereolithography
L01.296.555.....Virtual Reality
L01.313.....Informatics
L01.313.124.....Computational Biology
L01.313.187.....Consumer Health Informatics

## 2018 MeSH Tree Hierarchy

Tree location
L01.313.249.....Dental Informatics
L01.313.500.....Medical Informatics
L01.313.500.500.....Health Information Exchange
L01.313.500.750.....Medical Informatics Applications
L01.313.500.750.100.....Decision Making, Computer-Assisted
L01.313.500.750.100.158.....Diagnosis, Computer-Assisted
L01.313.500.750.100.158.600.....Image Interpretation, Computer-Assisted
L01.313.500.750.100.158.600.680.....Radiographic Image Interpretation, Computer-Assisted
L01.313.500.750.100.710.....Therapy, Computer-Assisted
L01.313.500.750.100.710.180.....Drug Therapy, Computer-Assisted
L01.313.500.750.100.710.600.....Radiotherapy, Computer-Assisted
L01.313.500.750.100.710.600.550.....Radiotherapy, Conformal
L01.313.500.750.100.710.600.550.700.....Radiotherapy, Intensity-Modulated
L01.313.500.750.100.710.600.608.....Radiotherapy Planning, Computer-Assisted
L01.313.500.750.100.710.800.....Surgery, Computer-Assisted
L01.313.500.750.100.710.800.500.....Robotic Surgical Procedures
L01.313.500.750.190.....Decision Support Techniques
L01.313.500.750.190.380.....Data Interpretation, Statistical
L01.313.500.750.280.....Information Storage and Retrieval
L01.313.500.750.280.199.....Data Mining
L01.313.500.750.280.199.500.....Multifactor Dimensionality Reduction
L01.313.500.750.280.300.....Data Warehousing
L01.313.500.750.280.400.....Grateful Med
L01.313.500.750.280.555.....Health Information Interoperability
L01.313.500.750.280.710.....MEDLARS
L01.313.500.750.280.710.500.....MEDLINE
L01.313.500.750.280.730.....MedlinePlus
L01.313.500.750.280.750.....PubMed
L01.313.500.750.280.750.500.....MEDLINE
L01.313.500.750.300.....Information Systems
L01.313.500.750.300.184.....Community Networks
L01.313.500.750.300.188.....Databases as Topic
L01.313.500.750.300.188.300.....Databases, Bibliographic
L01.313.500.750.300.188.300.650.....PubMed
L01.313.500.750.300.188.300.650.500.....MEDLINE
L01.313.500.750.300.188.400.....Databases, Factual
L01.313.500.750.300.188.400.300.....Databases, Chemical
L01.313.500.750.300.188.400.300.500.....Databases, Nucleic Acid
L01.313.500.750.300.188.400.300.750.....Databases, Protein
L01.313.500.750.300.188.400.325.....Databases, Genetic
L01.313.500.750.300.188.400.325.630.....Databases, Nucleic Acid

## 2018 MeSH Tree Hierarchy

Tree location
L01.313.500.750.300.188.400.325.710.....Databases, Protein
L01.313.500.750.300.188.400.400.....Databases, Pharmaceutical
L01.313.500.750.300.188.400.500.....Datasets as Topic
L01.313.500.750.300.188.400.600.....National Practitioner Data Bank
L01.313.500.750.300.188.400.905.....Visible Human Projects
L01.313.500.750.300.190.....Decision Support Systems, Clinical
L01.313.500.750.300.314.....Geographic Information Systems
L01.313.500.750.300.361.....Health Information Systems
L01.313.500.750.300.420.....Integrated Advanced Information Management Systems
L01.313.500.750.300.550.....Knowledge Bases
L01.313.500.750.300.550.500.....Biological Ontologies
L01.313.500.750.300.550.500.500.....Gene Ontology
L01.313.500.750.300.680.....Management Information Systems
L01.313.500.750.300.680.055.....Clinical Laboratory Information Systems
L01.313.500.750.300.680.083.....Clinical Pharmacy Information Systems
L01.313.500.750.300.680.110.....Database Management Systems
L01.313.500.750.300.680.135.....Decision Support Systems, Management
L01.313.500.750.300.680.350.....Healthcare Common Procedure Coding System
L01.313.500.750.300.680.360.....Hospital Information Systems
L01.313.500.750.300.680.360.113.....Ambulatory Care Information Systems
L01.313.500.750.300.680.360.450.....Medical Order Entry Systems
L01.313.500.750.300.680.360.500.....Operating Room Information Systems
L01.313.500.750.300.680.580.....Office Automation
L01.313.500.750.300.680.580.950.....Word Processing
L01.313.500.750.300.680.800.....Personnel Staffing and Scheduling Information Systems
L01.313.500.750.300.680.900.....Radiology Information Systems
L01.313.500.750.300.680.900.500.....Teleradiology
L01.313.500.750.300.695.....Medical Records Systems, Computerized
L01.313.500.750.300.695.300.....Health Smart Cards
L01.313.500.750.300.695.600.....Medical Order Entry Systems
L01.313.500.750.300.710.....MEDLARS
L01.313.500.750.300.710.500.....MEDLINE
L01.313.500.750.300.742.....Online Systems
L01.313.500.750.300.742.470.....Libraries, Digital
L01.313.500.750.300.742.650.....PubMed
L01.313.500.750.300.742.650.500.....MEDLINE
L01.313.500.750.300.790.....Reminder Systems
L01.313.500.875.....Medical Informatics Computing
L01.313.500.875.500.....Data Curation
L01.313.650.....Nursing Informatics
L01.313.750.....Public Health Informatics

## 2018 MeSH Tree Hierarchy

Tree location
L01.346.....Information Centers
L01.346.208.....Archives
L01.346.596.....Libraries
L01.346.596.388.....Libraries, Dental
L01.346.596.438.....Libraries, Digital
L01.346.596.613.....Libraries, Medical
L01.346.596.663.....Libraries, Nursing
L01.346.596.719.....Libraries, Special
L01.346.798.....National Library of Medicine (U.S.)
L01.399.....Information Management
L01.399.250.....Data Collection
L01.399.250.090.....Common Data Elements
L01.399.250.179.....Crowdsourcing
L01.399.250.202.....Data Accuracy
L01.399.250.224.....Datasets as Topic
L01.399.250.520.....Interviews as Topic
L01.399.250.590.....Metadata
L01.399.250.660.....Narration
L01.399.250.900.....Records as Topic
L01.399.250.900.250.....Birth Certificates
L01.399.250.900.350.....Death Certificates
L01.399.250.900.375.....Dental Records
L01.399.250.900.425.....Hospital Records
L01.399.250.900.984.....Nursing Records
L01.399.500.....Health Information Management
L01.399.500.500.....Health Information Exchange
L01.399.750.....Pattern Recognition, Automated
L01.453.....Information Services
L01.453.183.....Bibliography as Topic
L01.453.183.190.....Bibliography, Descriptive
L01.453.183.224.....Bibliography of Medicine
L01.453.183.291.....Bibliometrics
L01.453.183.291.500.....Journal Impact Factor
L01.453.183.392.....Biobibliography as Topic
L01.453.220.....Book Selection
L01.453.245.....Documentation
L01.453.245.100.....Abstracting and Indexing as Topic
L01.453.245.250.....Cataloging
L01.453.245.250.150.....Book Classification
L01.453.245.275.....Classification
L01.453.245.332.....Data Curation

## 2018 MeSH Tree Hierarchy

Tree location
L01.453.245.390.....Filing
L01.453.245.667.....Molecular Sequence Data
L01.453.245.667.060.....Amino Acid Sequence
L01.453.245.667.080.....Base Sequence
L01.453.245.667.160.....Carbohydrate Sequence
L01.453.245.667.580.....Molecular Sequence Annotation
L01.453.245.945.....Vocabulary, Controlled
L01.453.245.945.079.....Biological Ontologies
L01.453.245.945.079.500.....Gene Ontology
L01.453.245.945.160.....Current Procedural Terminology
L01.453.245.945.200.....Diagnostic and Statistical Manual of Mental Disorders
L01.453.245.945.380.....Healthcare Common Procedure Coding System
L01.453.245.945.400.....International Classification of Diseases
L01.453.245.945.450.....International Classification of Functioning, Disability and Health
L01.453.245.945.500.....Logical Observation Identifiers Names and Codes
L01.453.245.945.550.....RxNorm
L01.453.245.945.600.....Standardized Nursing Terminology
L01.453.245.945.700.....Subject Headings
L01.453.245.945.700.500.....Medical Subject Headings
L01.453.245.945.720.....Systematized Nomenclature of Medicine
L01.453.245.945.800.....Unified Medical Language System
L01.453.450.....Human Genome Project
L01.453.639.....Library Services
L01.453.639.493.....Interlibrary Loans
L01.453.819.....Library Technical Services
L01.453.819.250.....Cataloging
L01.453.819.250.150.....Book Classification
L01.470.....Information Storage and Retrieval
L01.470.500.....Data Compression
L01.470.625.....Data Mining
L01.470.625.500.....Multifactor Dimensionality Reduction
L01.470.688.....Data Warehousing
L01.470.750.....Databases as Topic
L01.470.750.500.....Databases, Bibliographic
L01.470.750.500.650.....PubMed
L01.470.750.500.650.500.....MEDLINE
L01.470.750.750.....Databases, Factual
L01.470.750.750.300.....Databases, Chemical
L01.470.750.750.300.500.....Databases, Nucleic Acid
L01.470.750.750.300.750.....Databases, Protein
L01.470.750.750.325.....Databases, Genetic

## 2018 MeSH Tree Hierarchy

Tree location
L01.470.750.750.325.630.....Databases, Nucleic Acid
L01.470.750.750.325.710.....Databases, Protein
L01.470.750.750.400.....Databases, Pharmaceutical
L01.470.750.750.431.....Datasets as Topic
L01.470.750.750.462.....Geographic Information Systems
L01.470.750.750.600.....National Practitioner Data Bank
L01.470.750.750.905.....Visible Human Projects
L01.470.813.....Health Information Interoperability
L01.470.875.....Search Engine
L01.470.937.....Web Browser
L01.479.....Information Technology
L01.488.....Information Theory
L01.559.....Language
L01.559.423.....Language Arts
L01.559.423.452.....Multilingualism
L01.559.423.557.....Reading
L01.559.423.676.....Speech
L01.559.423.796.....Translating
L01.559.423.906.....Writing
L01.559.423.906.215.....Authorship
L01.559.423.906.377.....Correspondence as Topic
L01.559.423.906.377.333.....Electronic Mail
L01.559.423.906.377.666.....Text Messaging
L01.559.423.906.539.....Handwriting
L01.559.423.906.539.500.....Paleography
L01.559.423.906.539.750.....Shorthand
L01.559.423.906.654.....Medical Writing
L01.559.423.906.769.....Research Report
L01.559.598.....Linguistics
L01.559.598.400.....Terminology as Topic
L01.559.598.400.556.....Names
L01.559.598.400.556.131.....Abbreviations as Topic
L01.559.598.400.556.283.....Anonyms and Pseudonyms
L01.559.598.400.556.536.....Eponyms
L01.559.598.400.889.....Standardized Nursing Terminology
L01.559.598.518.....Phonetics
L01.559.598.628.....Psycholinguistics
L01.559.598.628.550.....Neurolinguistic Programming
L01.559.598.745.....Semantics
L01.559.598.901.....Vocabulary
L01.583.....Library Science

## 2018 MeSH Tree Hierarchy

Tree location
L01.583.182.....Book Collecting
L01.583.363.....Library Administration
L01.583.390.....Library Associations
L01.583.400.....Library Automation
L01.583.410.....Library Collection Development
L01.583.420.....Library Materials
L01.583.430.....Library Schools
L01.583.464.....Library Services
L01.583.464.493.....Interlibrary Loans
L01.583.564.....Library Surveys
L01.583.782.....Library Technical Services
L01.731.....Postcards as Topic
L01.737.....Publishing
L01.737.030.....Access to Information
L01.737.150.....Book Industry
L01.737.150.317.....Bookbinding
L01.737.150.340.....Bookselling
L01.737.150.340.250.....Book Prices
L01.737.360.....Copyright
L01.737.471.....Duplicate Publication as Topic
L01.737.484.....Editorial Policies
L01.737.498.....Journalism
L01.737.498.500.....Journalism, Dental
L01.737.498.550.....Journalism, Medical
L01.737.569.....Open Access Publishing
L01.737.640.....Peer Review, Research
L01.737.684.....Plagiarism
L01.737.787.....Printing
L01.737.813.....Publication Bias
L01.737.840.....Retraction of Publication as Topic
L01.906.....Systems Analysis
L01.906.099.....Cybernetics
L01.906.197.....Delphi Technique
L01.906.394.....Operations Research
L01.906.394.211.....Feedback
L01.906.394.422.....Monte Carlo Method
L01.906.394.622.....Probability Theory
L01.906.394.748.....Programming, Linear
L01.906.787.....Systems Integration
L01.906.893.....Workflow
M01.....Persons

## 2018 MeSH Tree Hierarchy

Tree location
M01.050.....Abortion Applicants
M01.055.....Adult Children
M01.060.....Age Groups
M01.060.057.....Adolescent
M01.060.116.....Adult
M01.060.116.100.....Aged
M01.060.116.100.080.....Aged, 80 and over
M01.060.116.100.540.....Frail Elderly
M01.060.116.630.....Middle Aged
M01.060.116.815.....Young Adult
M01.060.406.....Child
M01.060.406.448.....Child, Preschool
M01.060.703.....Infant
M01.060.703.520.....Infant, Newborn
M01.060.703.520.460.....Infant, Low Birth Weight
M01.060.703.520.460.560.....Infant, Small for Gestational Age
M01.060.703.520.460.600.....Infant, Very Low Birth Weight
M01.060.703.520.460.600.500.....Infant, Extremely Low Birth Weight
M01.060.703.520.500.....Infant, Postmature
M01.060.703.520.520.....Infant, Premature
M01.060.703.520.520.500.....Infant, Extremely Premature
M01.066.....Alcoholics
M01.072.....Athletes
M01.079.....Bedridden Persons
M01.085.....Caregivers
M01.097.....Child, Abandoned
M01.100.....Child, Adopted
M01.102.....Child, Exceptional
M01.102.350.....Child, Gifted
M01.106.....Child of Impaired Parents
M01.107.....Child, Foster
M01.108.....Child, Orphaned
M01.111.....Child, Unwanted
M01.120.....Consultants
M01.135.....Crime Victims
M01.135.500.....Adult Survivors of Child Abuse
M01.142.....Criminals
M01.150.....Disabled Persons
M01.150.100.....Amputees
M01.150.200.....Disabled Children
M01.150.600.....Mentally Disabled Persons



## 2018 MeSH Tree Hierarchy

Tree location	
M01.150.725.....	Mentally Ill Persons
M01.150.750.....	Persons With Hearing Impairments
M01.150.850.....	Visually Impaired Persons
M01.159.....	Disaster Victims
M01.169.....	Drug Users
M01.189.....	Emigrants and Immigrants
M01.189.500.....	Undocumented Immigrants
M01.228.....	Famous Persons
M01.252.....	Friends
M01.264.....	Grandparents
M01.276.....	Homebound Persons
M01.325.....	Homeless Persons
M01.325.400.....	Homeless Youth
M01.352.....	Jehovah's Witnesses
M01.380.....	Legal Guardians
M01.380.600.....	Proxy
M01.385.....	Medically Uninsured
M01.390.....	Men
M01.390.660.....	Nurses, Male
M01.395.....	Mentors
M01.416.....	Minors
M01.427.....	Missionaries
M01.438.....	Multiple Birth Offspring
M01.438.486.....	Quadruplets
M01.438.587.....	Quintuplets
M01.438.768.....	Triplets
M01.438.873.....	Twins
M01.438.873.920.....	Twins, Dizygotic
M01.438.873.940.....	Twins, Monozygotic
M01.526.....	Occupational Groups
M01.526.070.....	Administrative Personnel
M01.526.070.245.....	Case Managers
M01.526.070.490.....	Health Facility Administrators
M01.526.070.490.490.....	Hospital Administrators
M01.526.070.490.490.100.....	Chief Executive Officers, Hospital
M01.526.070.670.....	Nurse Administrators
M01.526.070.700.....	Physician Executives
M01.526.070.940.....	Trustees
M01.526.173.....	Astronauts
M01.526.225.....	Counselors
M01.526.276.....	Ethicists

## 2018 MeSH Tree Hierarchy

Tree location	
M01.526.373.....	Emergency Responders
M01.526.373.250.....	Emergency Medical Technicians
M01.526.373.400.....	Firefighters
M01.526.373.750.....	Police
M01.526.390.....	Farmers
M01.526.407.....	Foreign Professional Personnel
M01.526.407.435.....	Foreign Medical Graduates
M01.526.407.717.....	Nurses, International
M01.526.446.....	Government Employees
M01.526.485.....	Health Personnel
M01.526.485.067.....	Allied Health Personnel
M01.526.485.067.040.....	Animal Technicians
M01.526.485.067.080.....	Community Health Workers
M01.526.485.067.105.....	Dental Auxiliaries
M01.526.485.067.105.250.....	Dental Assistants
M01.526.485.067.105.376.....	Dental Hygienists
M01.526.485.067.105.503.....	Dental Technicians
M01.526.485.067.105.751.....	Denturists
M01.526.485.067.150.....	Emergency Medical Technicians
M01.526.485.067.350.....	Home Health Aides
M01.526.485.067.450.....	Licensed Practical Nurses
M01.526.485.067.550.....	Medical Record Administrators
M01.526.485.067.600.....	Medical Secretaries
M01.526.485.067.600.630.....	Medical Receptionists
M01.526.485.067.652.....	Nurses' Aides
M01.526.485.067.652.628.....	Psychiatric Aides
M01.526.485.067.700.....	Operating Room Technicians
M01.526.485.067.735.....	Pharmacy Technicians
M01.526.485.067.738.....	Physical Therapist Assistants
M01.526.485.067.740.....	Physician Assistants
M01.526.485.067.740.690.....	Ophthalmic Assistants
M01.526.485.067.740.750.....	Pediatric Assistants
M01.526.485.133.....	Anatomists
M01.526.485.140.....	Anesthetists
M01.526.485.140.040.....	Anesthesiologists
M01.526.485.140.650.....	Nurse Anesthetists
M01.526.485.170.....	Audiologists
M01.526.485.200.....	Caregivers
M01.526.485.215.....	Case Managers
M01.526.485.230.....	Coroners and Medical Examiners
M01.526.485.290.....	Dental Staff

## 2018 MeSH Tree Hierarchy

Tree location
M01.526.485.290.490.....Dental Staff, Hospital
M01.526.485.330.....Dentists
M01.526.485.330.310.....Dentists, Women
M01.526.485.330.397.....Endodontists
M01.526.485.330.483.....Oral and Maxillofacial Surgeons
M01.526.485.330.655.....Orthodontists
M01.526.485.345.....Doulas
M01.526.485.349.....Emergency Medical Dispatcher
M01.526.485.353.....Epidemiologists
M01.526.485.360.....Faculty, Dental
M01.526.485.375.....Faculty, Medical
M01.526.485.390.....Faculty, Nursing
M01.526.485.410.....Health Educators
M01.526.485.430.....Health Facility Administrators
M01.526.485.430.490.....Hospital Administrators
M01.526.485.430.490.100.....Chief Executive Officers, Hospital
M01.526.485.490.....Infection Control Practitioners
M01.526.485.500.....Medical Chaperones
M01.526.485.510.....Medical Laboratory Personnel
M01.526.485.630.....Medical Staff
M01.526.485.630.490.....Medical Staff, Hospital
M01.526.485.630.490.400.....Hospitalists
M01.526.485.650.....Nurses
M01.526.485.650.580.....Nurse Administrators
M01.526.485.650.640.....Nurse Practitioners
M01.526.485.650.640.249.....Family Nurse Practitioners
M01.526.485.650.640.500.....Pediatric Nurse Practitioners
M01.526.485.650.648.....Nurse Specialists
M01.526.485.650.648.500.....Nurse Anesthetists
M01.526.485.650.648.525.....Nurse Clinicians
M01.526.485.650.648.762.....Nurse Midwives
M01.526.485.650.648.940.....Nurses, Pediatric
M01.526.485.650.648.940.500.....Nurses, Neonatal
M01.526.485.650.655.....Nurses, Community Health
M01.526.485.650.662.....Nurses, International
M01.526.485.650.670.....Nurses, Male
M01.526.485.650.835.....Nurses, Public Health
M01.526.485.680.....Nursing Staff
M01.526.485.680.490.....Nursing Staff, Hospital
M01.526.485.695.....Nutritionists
M01.526.485.710.....Occupational Therapists

## 2018 MeSH Tree Hierarchy

Tree location
M01.526.485.725.....Optometrists
M01.526.485.740.....Personnel, Hospital
M01.526.485.740.322.....Dental Staff, Hospital
M01.526.485.740.380.....Hospital Administrators
M01.526.485.740.380.100.....Chief Executive Officers, Hospital
M01.526.485.740.400.....Hospital Volunteers
M01.526.485.740.422.....Medical Staff, Hospital
M01.526.485.740.422.400.....Hospitalists
M01.526.485.740.523.....Nursing Staff, Hospital
M01.526.485.780.....Pharmacists
M01.526.485.790.....Physical Therapists
M01.526.485.800.....Physician Executives
M01.526.485.810.....Physicians
M01.526.485.810.020.....Allergists
M01.526.485.810.040.....Anesthesiologists
M01.526.485.810.128.....Cardiologists
M01.526.485.810.215.....Dermatologists
M01.526.485.810.303.....Endocrinologists
M01.526.485.810.390.....Foreign Medical Graduates
M01.526.485.810.438.....Gastroenterologists
M01.526.485.810.485.....General Practitioners
M01.526.485.810.533.....Geriatricians
M01.526.485.810.580.....Hospitalists
M01.526.485.810.628.....Nephrologists
M01.526.485.810.652.....Neurologists
M01.526.485.810.675.....Occupational Health Physicians
M01.526.485.810.699.....Oncologists
M01.526.485.810.699.500.....Radiation Oncologists
M01.526.485.810.705.....Ophthalmologists
M01.526.485.810.722.....Osteopathic Physicians
M01.526.485.810.734.....Otolaryngologists
M01.526.485.810.746.....Pathologists
M01.526.485.810.758.....Pediatricians
M01.526.485.810.758.500.....Neonatologists
M01.526.485.810.764.....Physiatrists
M01.526.485.810.770.....Physicians, Family
M01.526.485.810.800.....Physicians, Primary Care
M01.526.485.810.820.....Physicians, Women
M01.526.485.810.865.....Pulmonologists
M01.526.485.810.877.....Radiologists
M01.526.485.810.877.500.....Radiation Oncologists

## 2018 MeSH Tree Hierarchy

Tree location
M01.526.485.810.888.....Rheumatologists
M01.526.485.810.910.....Surgeons
M01.526.485.810.910.500.....Barber Surgeons
M01.526.485.810.910.750.....Neurosurgeons
M01.526.485.810.910.875.....Orthopedic Surgeons
M01.526.485.810.955.....Urologists
M01.526.485.905.....Veterinarians
M01.526.493.....Inventors
M01.526.502.....Laboratory Personnel
M01.526.502.500.....Medical Laboratory Personnel
M01.526.520.....Lawyers
M01.526.555.....Librarians
M01.526.625.....Military Personnel
M01.526.693.....Miners
M01.526.702.....Educational Personnel
M01.526.702.250.....Faculty
M01.526.702.250.273.....Faculty, Dental
M01.526.702.250.373.....Faculty, Medical
M01.526.702.250.473.....Faculty, Nursing
M01.526.702.250.736.....Faculty, Pharmacy
M01.526.702.500.....School Teachers
M01.526.727.....Pilots
M01.526.760.....Police
M01.526.799.....Religious Personnel
M01.526.799.500.....Clergy
M01.526.799.750.....Monks
M01.526.799.875.....Nuns
M01.526.839.....Research Personnel
M01.526.919.....Social Workers
M01.620.....Parents
M01.620.390.....Fathers
M01.620.630.....Mothers
M01.620.785.....Single Parent
M01.620.892.....Surrogate Mothers
M01.643.....Patients
M01.643.050.....Adolescent, Hospitalized
M01.643.154.....Adolescent, Institutionalized
M01.643.259.....Child, Hospitalized
M01.643.364.....Child, Institutionalized
M01.643.470.....Inpatients
M01.643.550.....No-Show Patients

## 2018 MeSH Tree Hierarchy

Tree location
M01.643.630.....Outpatients
M01.665.....Pedestrians
M01.686.....Population Groups
M01.686.508.....Continental Population Groups
M01.686.508.100.....African Continental Ancestry Group
M01.686.508.100.100.....African Americans
M01.686.508.150.....American Native Continental Ancestry Group
M01.686.508.150.288.....Alaska Natives
M01.686.508.150.575.....Indians, Central American
M01.686.508.150.600.....Indians, North American
M01.686.508.150.625.....Indians, South American
M01.686.508.150.675.....Inuits
M01.686.508.200.....Asian Continental Ancestry Group
M01.686.508.200.100.....Asian Americans
M01.686.508.400.....European Continental Ancestry Group
M01.686.508.600.....Oceanic Ancestry Group
M01.686.754.....Ethnic Groups
M01.686.754.100.....African Americans
M01.686.754.133.....Amish
M01.686.754.167.....Arabs
M01.686.754.225.....Asian Americans
M01.686.754.283.....Roma
M01.686.754.441.....Hispanic Americans
M01.686.754.441.500.....Mexican Americans
M01.686.754.520.....Inuits
M01.686.754.600.....Jews
M01.729.....Prisoners
M01.729.500.....Prisoners of War
M01.755.....Refugees
M01.774.....Research Subjects
M01.774.500.....Healthy Volunteers
M01.776.....Sex Workers
M01.777.....Sexual and Gender Minorities
M01.777.500.....Transgender Persons
M01.778.....Sexual Partners
M01.781.....Siblings
M01.785.....Single Person
M01.800.....Slaves
M01.808.....Smokers
M01.816.....Spouses
M01.848.....Students

## 2018 MeSH Tree Hierarchy

Tree location	
M01.848.602.....	Student Dropouts
M01.848.769.....	Students, Health Occupations
M01.848.769.519.....	Students, Dental
M01.848.769.602.....	Students, Medical
M01.848.769.685.....	Students, Nursing
M01.848.769.768.....	Students, Pharmacy
M01.848.769.851.....	Students, Premedical
M01.848.769.925.....	Students, Public Health
M01.860.....	Survivors
M01.860.300.....	Adult Survivors of Child Adverse Events
M01.860.300.500.....	Adult Survivors of Child Abuse
M01.860.350.....	Cancer Survivors
M01.860.400.....	HIV Long-Term Survivors
M01.873.....	Terminally Ill
M01.898.....	Tissue Donors
M01.898.313.....	Blood Donors
M01.898.656.....	Living Donors
M01.898.828.....	Unrelated Donors
M01.920.....	Transients and Migrants
M01.925.....	Transplant Recipients
M01.928.....	Vegetarians
M01.928.500.....	Vegans
M01.930.....	Veterans
M01.935.....	Visitors to Patients
M01.955.....	Volunteers
M01.955.236.....	Healthy Volunteers
M01.955.473.....	Hospital Volunteers
M01.965.....	Vulnerable Populations
M01.975.....	Women
M01.975.155.....	Battered Women
M01.975.310.....	Dentists, Women
M01.975.790.....	Physicians, Women
M01.975.807.....	Pregnant Women
M01.975.825.....	Women, Working
M01.987.....	Working Poor
N01.....	Population Characteristics
N01.224.....	Demography
N01.224.033.....	Age Distribution
N01.224.175.....	Censuses
N01.224.317.....	Ethnic Groups
N01.224.361.....	Family Characteristics

## 2018 MeSH Tree Hierarchy

Tree location
N01.224.361.150.....Birth Intervals
N01.224.361.160.....Birth Order
N01.224.361.500.....Marital Status
N01.224.361.500.300.....Divorce
N01.224.361.500.500.....Marriage
N01.224.361.500.725.....Single Person
N01.224.361.500.725.700.....Single Parent
N01.224.361.500.862.....Widowhood
N01.224.425.....Health Status
N01.224.425.350.....Geriatric Assessment
N01.224.425.437.....Health Status Disparities
N01.224.425.525.....Nutritional Status
N01.224.425.762.....Social Determinants of Health
N01.224.600.....Population Density
N01.224.625.....Population Dynamics
N01.224.625.400.....Health Transition
N01.224.625.525.....Human Migration
N01.224.625.525.500.....Emigration and Immigration
N01.224.625.650.....Population Control
N01.224.625.660.....Population Growth
N01.224.667.....Population Forecast
N01.224.708.....Population Groups
N01.224.791.....Residence Characteristics
N01.224.791.200.....Catchment Area (Health)
N01.224.791.400.....Housing
N01.224.791.400.410.....Housing for the Elderly
N01.224.791.400.650.....Public Housing
N01.224.791.550.....Independent Living
N01.224.803.....Sex Distribution
N01.224.803.815.....Sex Ratio
N01.224.935.....Vital Statistics
N01.224.935.464.....Life Expectancy
N01.224.935.530.....Life Tables
N01.224.935.530.700.....Quality-Adjusted Life Years
N01.224.935.597.....Morbidity
N01.224.935.597.080.....Basic Reproduction Number
N01.224.935.597.500.....Incidence
N01.224.935.597.750.....Prevalence
N01.224.935.698.....Mortality
N01.224.935.698.100.....Cause of Death
N01.224.935.698.150.....Child Mortality



## 2018 MeSH Tree Hierarchy

Tree location
N01.224.935.698.201.....Fatal Outcome
N01.224.935.698.300.....Fetal Mortality
N01.224.935.698.400.....Hospital Mortality
N01.224.935.698.489.....Infant Mortality
N01.224.935.698.489.500.....Perinatal Mortality
N01.224.935.698.653.....Maternal Mortality
N01.224.935.698.700.....Mortality, Premature
N01.224.935.698.826.....Survival Rate
N01.224.935.849.....Pregnancy Rate
N01.224.935.849.500.....Birth Rate
N01.400.....Health
N01.400.075.....Adolescent Health
N01.400.150.....Cardiorespiratory Fitness
N01.400.225.....Child Health
N01.400.300.....Family Health
N01.400.337.....Global Health
N01.400.350.....Holistic Health
N01.400.388.....Infant Health
N01.400.425.....Men's Health
N01.400.500.....Mental Health
N01.400.512.....Minority Health
N01.400.525.....Occupational Health
N01.400.530.....One Health
N01.400.535.....Oral Health
N01.400.545.....Physical Fitness
N01.400.545.500.....Cardiorespiratory Fitness
N01.400.548.....Population Health
N01.400.550.....Public Health
N01.400.625.....Reproductive Health
N01.400.650.....Rural Health
N01.400.663.....Sexual Health
N01.400.675.....Social Determinants of Health
N01.400.700.....Suburban Health
N01.400.800.....Urban Health
N01.400.850.....Veterans Health
N01.400.900.....Women's Health
N01.400.900.500.....Maternal Health
N01.600.....Population
N01.600.725.....Rural Population
N01.600.775.....Suburban Population
N01.600.900.....Urban Population

## 2018 MeSH Tree Hierarchy

Tree location
N01.824.....Socioeconomic Factors
N01.824.196.....Educational Status
N01.824.196.125.....Academic Failure
N01.824.196.500.....Literacy
N01.824.245.....Employment
N01.824.245.175.....Career Mobility
N01.824.245.350.....Employment, Supported
N01.824.245.600.....Personnel Downsizing
N01.824.245.725.....Return to Work
N01.824.245.850.....Unemployment
N01.824.245.925.....Workplace
N01.824.308.....Family Characteristics
N01.824.308.500.....Marital Status
N01.824.308.500.300.....Divorce
N01.824.308.500.500.....Marriage
N01.824.308.500.725.....Single Person
N01.824.308.500.725.700.....Single Parent
N01.824.308.500.862.....Widowhood
N01.824.417.....Income
N01.824.417.510.....Pensions
N01.824.417.510.300.....Employee Retirement Income Security Act
N01.824.417.605.....Remuneration
N01.824.417.700.....Salaries and Fringe Benefits
N01.824.417.700.162.....Family Leave
N01.824.417.700.162.500.....Parental Leave
N01.824.417.700.325.....Health Benefit Plans, Employee
N01.824.417.700.325.300.....Employee Retirement Income Security Act
N01.824.417.700.662.....Sick Leave
N01.824.460.....Medical Indigency
N01.824.547.....Occupations
N01.824.547.330.....Career Mobility
N01.824.600.....Poverty
N01.824.600.550.....Poverty Areas
N01.824.737.....Social Change
N01.824.782.....Social Class
N01.824.782.673.....Social Mobility
N01.824.827.....Social Conditions
N02.....Health Care Facilities, Manpower, and Services
N02.138.....Capacity Building
N02.208.....Health Communication
N02.278.....Health Facilities

## 2018 MeSH Tree Hierarchy

Tree location
N02.278.020.....Academic Medical Centers
N02.278.020.300.....Hospitals, Teaching
N02.278.020.300.310.....Hospitals, University
N02.278.020.578.....Schools, Medical
N02.278.035.....Ambulatory Care Facilities
N02.278.035.128.....Community Health Centers
N02.278.035.128.800.....Substance Abuse Treatment Centers
N02.278.035.158.....Community Mental Health Centers
N02.278.035.158.300.....Child Guidance Clinics
N02.278.035.310.....Maternal-Child Health Centers
N02.278.035.380.....Outpatient Clinics, Hospital
N02.278.035.380.600.....Pain Clinics
N02.278.035.652.....Surgicenters
N02.278.050.....Bed Occupancy
N02.278.065.....Biological Specimen Banks
N02.278.065.200.....Blood Banks
N02.278.065.600.....Milk Banks
N02.278.065.650.....Seed Bank
N02.278.065.700.....Sperm Banks
N02.278.065.900.....Tissue Banks
N02.278.065.900.205.....Bone Banks
N02.278.065.900.400.....Eye Banks
N02.278.080.....Birthing Centers
N02.278.192.....Dental Facilities
N02.278.192.250.....Dental Clinics
N02.278.192.377.....Dental Offices
N02.278.192.631.....Laboratories, Dental
N02.278.200.....Facility Design and Construction
N02.278.200.100.....Building Codes
N02.278.200.252.....Evidence-Based Facility Design
N02.278.200.403.....Hospital Design and Construction
N02.278.207.....Fitness Centers
N02.278.215.....Health Facilities, Proprietary
N02.278.215.110.....Hospitals, Proprietary
N02.278.216.....Health Facility Administration
N02.278.216.500.....Hospital Administration
N02.278.216.500.500.....Ancillary Services, Hospital
N02.278.216.500.750.....Centralized Hospital Services
N02.278.216.500.875.....Financial Management, Hospital
N02.278.216.500.937.....Hospital Communication Systems
N02.278.216.500.968.....Hospital Departments

## 2018 MeSH Tree Hierarchy

Tree location
N02.278.216.500.968.040.....Admitting Department, Hospital
N02.278.216.500.968.070.....Anesthesia Department, Hospital
N02.278.216.500.968.215.....Cardiology Service, Hospital
N02.278.216.500.968.260.....Central Supply, Hospital
N02.278.216.500.968.270.....Chaplaincy Service, Hospital
N02.278.216.500.968.298.....Dental Service, Hospital
N02.278.216.500.968.310.....Education Department, Hospital
N02.278.216.500.968.336.....Emergency Service, Hospital
N02.278.216.500.968.336.500.....Trauma Centers
N02.278.216.500.968.374.....Food Service, Hospital
N02.278.216.500.968.412.....Housekeeping, Hospital
N02.278.216.500.968.420.....Laboratories, Hospital
N02.278.216.500.968.428.....Laundry Service, Hospital
N02.278.216.500.968.450.....Maintenance and Engineering, Hospital
N02.278.216.500.968.465.....Medical Records Department, Hospital
N02.278.216.500.968.467.....Morgue
N02.278.216.500.968.472.....Nuclear Medicine Department, Hospital
N02.278.216.500.968.489.....Nursing Service, Hospital
N02.278.216.500.968.495.....Obstetrics and Gynecology Department, Hospital
N02.278.216.500.968.500.....Occupational Therapy Department, Hospital
N02.278.216.500.968.513.....Oncology Service, Hospital
N02.278.216.500.968.527.....Outpatient Clinics, Hospital
N02.278.216.500.968.527.600.....Pain Clinics
N02.278.216.500.968.535.....Pathology Department, Hospital
N02.278.216.500.968.565.....Personnel Administration, Hospital
N02.278.216.500.968.603.....Pharmacy Service, Hospital
N02.278.216.500.968.615.....Physical Therapy Department, Hospital
N02.278.216.500.968.641.....Psychiatric Department, Hospital
N02.278.216.500.968.679.....Purchasing, Hospital
N02.278.216.500.968.679.375.....Group Purchasing
N02.278.216.500.968.695.....Radiology Department, Hospital
N02.278.216.500.968.712.....Respiratory Therapy Department, Hospital
N02.278.216.500.968.730.....Social Work Department, Hospital
N02.278.216.500.968.750.....Surgery Department, Hospital
N02.278.216.500.968.790.....Urology Department, Hospital
N02.278.216.500.984.....Hospital Distribution Systems
N02.278.216.500.988.....Hospital Restructuring
N02.278.216.500.988.380.....Hospital-Physician Joint Ventures
N02.278.216.500.988.380.500.....Physician Self-Referral
N02.278.216.500.990.....Hospital Shared Services
N02.278.216.500.991.....Hospital Shops

## 2018 MeSH Tree Hierarchy

Tree location	
N02.278.216.500.992.....	Hospital-Patient Relations
N02.278.216.500.996.....	Hospital-Physician Relations
N02.278.216.500.996.500.....	Medical Staff Privileges
N02.278.216.500.998.....	Libraries, Hospital
N02.278.216.500.999.....	Materials Management, Hospital
N02.278.216.500.999.300.....	Inventories, Hospital
N02.278.218.....	Health Facility Closure
N02.278.220.....	Health Facility Environment
N02.278.220.640.....	Patients' Rooms
N02.278.235.....	Health Facility Merger
N02.278.255.....	Health Facility Moving
N02.278.306.....	Health Facility Size
N02.278.306.472.....	Hospital Bed Capacity
N02.278.306.472.080.....	Hospital Bed Capacity, under 100
N02.278.306.472.120.....	Hospital Bed Capacity, 100 to 299
N02.278.306.472.180.....	Hospital Bed Capacity, 300 to 499
N02.278.306.472.300.....	Hospital Bed Capacity, 500 and over
N02.278.330.....	Health Resorts
N02.278.354.....	Hospital Administration
N02.278.354.675.....	Medication Systems, Hospital
N02.278.354.700.....	Product Line Management
N02.278.388.....	Hospital Units
N02.278.388.150.....	Delivery Rooms
N02.278.388.200.....	Hemodialysis Units, Hospital
N02.278.388.493.....	Intensive Care Units
N02.278.388.493.160.....	Burn Units
N02.278.388.493.211.....	Coronary Care Units
N02.278.388.493.390.....	Intensive Care Units, Pediatric
N02.278.388.493.390.380.....	Intensive Care Units, Neonatal
N02.278.388.493.592.....	Recovery Room
N02.278.388.493.696.....	Respiratory Care Units
N02.278.388.540.....	Nurseries, Hospital
N02.278.388.620.....	Nursing Stations
N02.278.388.700.....	Operating Rooms
N02.278.388.740.....	Self-Care Units
N02.278.421.....	Hospitals
N02.278.421.280.....	Hospitals, Animal
N02.278.421.306.....	Hospitals, Community
N02.278.421.389.....	Hospitals, General
N02.278.421.395.....	Hospitals, Group Practice
N02.278.421.414.....	Hospitals, High-Volume

## 2018 MeSH Tree Hierarchy

Tree location	
N02.278.421.434.....	Hospitals, Low-Volume
N02.278.421.481.....	Hospitals, Private
N02.278.421.481.500.....	Hospitals, Proprietary
N02.278.421.481.600.....	Hospitals, Religious
N02.278.421.481.800.....	Hospitals, Voluntary
N02.278.421.510.....	Hospitals, Public
N02.278.421.510.100.....	Hospitals, County
N02.278.421.510.140.....	Hospitals, District
N02.278.421.510.180.....	Hospitals, Federal
N02.278.421.510.180.250.....	Hospitals, Military
N02.278.421.510.180.400.....	Hospitals, Veterans
N02.278.421.510.210.....	Hospitals, Municipal
N02.278.421.510.300.....	Hospitals, State
N02.278.421.518.....	Hospitals, Rural
N02.278.421.530.....	Hospitals, Satellite
N02.278.421.556.....	Hospitals, Special
N02.278.421.556.070.....	Cancer Care Facilities
N02.278.421.556.110.....	Cardiac Care Facilities
N02.278.421.556.185.....	Hospices
N02.278.421.556.200.....	Hospitals, Chronic Disease
N02.278.421.556.294.....	Hospitals, Convalescent
N02.278.421.556.330.....	Hospitals, Isolation
N02.278.421.556.366.....	Hospitals, Maternity
N02.278.421.556.386.....	Hospitals, Osteopathic
N02.278.421.556.437.....	Hospitals, Pediatric
N02.278.421.556.508.....	Hospitals, Psychiatric
N02.278.421.556.868.....	Surgicenters
N02.278.421.639.....	Hospitals, Teaching
N02.278.421.639.725.....	Hospitals, University
N02.278.421.660.....	Hospitals, Urban
N02.278.421.660.400.....	Hospitals, Municipal
N02.278.421.702.....	Mobile Health Units
N02.278.421.745.....	Secondary Care Centers
N02.278.421.830.....	Tertiary Care Centers
N02.278.487.....	Laboratories
N02.278.487.410.....	Laboratories, Hospital
N02.278.524.....	Leper Colonies
N02.278.562.....	Medical Office Buildings
N02.278.590.....	Morgue
N02.278.617.....	Nurseries
N02.278.617.473.....	Nurseries, Hospital

## 2018 MeSH Tree Hierarchy

Tree location
N02.278.678.....Pharmacies
N02.278.692.....Physicians' Offices
N02.278.726.....Poison Control Centers
N02.278.808.....Rehabilitation Centers
N02.278.808.860.....Sheltered Workshops
N02.278.808.930.....Substance Abuse Treatment Centers
N02.278.825.....Residential Facilities
N02.278.825.187.....Assisted Living Facilities
N02.278.825.375.....Group Homes
N02.278.825.462.....Homes for the Aged
N02.278.825.610.....Nursing Homes
N02.278.825.610.480.....Intermediate Care Facilities
N02.278.825.610.770.....Skilled Nursing Facilities
N02.278.912.....Student Run Clinic
N02.350.....Health Manpower
N02.360.....Health Personnel
N02.360.067.....Allied Health Personnel
N02.360.067.040.....Animal Technicians
N02.360.067.080.....Community Health Workers
N02.360.067.105.....Dental Auxiliaries
N02.360.067.105.250.....Dental Assistants
N02.360.067.105.376.....Dental Hygienists
N02.360.067.105.503.....Dental Technicians
N02.360.067.105.751.....Denturists
N02.360.067.150.....Emergency Medical Technicians
N02.360.067.350.....Home Health Aides
N02.360.067.450.....Licensed Practical Nurses
N02.360.067.550.....Medical Record Administrators
N02.360.067.600.....Medical Secretaries
N02.360.067.600.630.....Medical Receptionists
N02.360.067.652.....Nurses' Aides
N02.360.067.652.628.....Psychiatric Aides
N02.360.067.700.....Operating Room Technicians
N02.360.067.730.....Pharmacy Technicians
N02.360.067.732.....Physical Therapist Assistants
N02.360.067.740.....Physician Assistants
N02.360.067.740.690.....Ophthalmic Assistants
N02.360.067.740.750.....Pediatric Assistants
N02.360.133.....Anatomists
N02.360.140.....Anesthetists
N02.360.140.040.....Anesthesiologists

## 2018 MeSH Tree Hierarchy

Tree location
N02.360.140.650.....Nurse Anesthetists
N02.360.170.....Audiologists
N02.360.200.....Caregivers
N02.360.215.....Case Managers
N02.360.230.....Coroners and Medical Examiners
N02.360.290.....Dental Staff
N02.360.290.490.....Dental Staff, Hospital
N02.360.330.....Dentists
N02.360.330.310.....Dentists, Women
N02.360.330.397.....Endodontists
N02.360.330.483.....Oral and Maxillofacial Surgeons
N02.360.330.655.....Orthodontists
N02.360.338.....Doulas
N02.360.345.....Epidemiologists
N02.360.360.....Faculty, Dental
N02.360.375.....Faculty, Medical
N02.360.390.....Faculty, Nursing
N02.360.430.....Health Facility Administrators
N02.360.430.490.....Hospital Administrators
N02.360.430.490.100.....Chief Executive Officers, Hospital
N02.360.490.....Infection Control Practitioners
N02.360.500.....Medical Chaperones
N02.360.510.....Medical Laboratory Personnel
N02.360.630.....Medical Staff
N02.360.630.490.....Medical Staff, Hospital
N02.360.630.490.400.....Hospitalists
N02.360.650.....Nurses
N02.360.650.580.....Nurse Administrators
N02.360.650.640.....Nurse Practitioners
N02.360.650.640.249.....Family Nurse Practitioners
N02.360.650.640.500.....Pediatric Nurse Practitioners
N02.360.650.648.....Nurse Specialists
N02.360.650.648.500.....Nurse Anesthetists
N02.360.650.648.525.....Nurse Clinicians
N02.360.650.648.762.....Nurse Midwives
N02.360.650.648.940.....Nurses, Pediatric
N02.360.650.648.940.500.....Nurses, Neonatal
N02.360.650.655.....Nurses, Community Health
N02.360.650.662.....Nurses, International
N02.360.650.670.....Nurses, Male
N02.360.650.835.....Nurses, Public Health



## 2018 MeSH Tree Hierarchy

Tree location
N02.360.680.....Nursing Staff
N02.360.680.490.....Nursing Staff, Hospital
N02.360.695.....Nutritionists
N02.360.710.....Occupational Therapists
N02.360.725.....Optometrists
N02.360.740.....Personnel, Hospital
N02.360.740.322.....Dental Staff, Hospital
N02.360.740.380.....Hospital Administrators
N02.360.740.380.100.....Chief Executive Officers, Hospital
N02.360.740.400.....Hospital Volunteers
N02.360.740.422.....Medical Staff, Hospital
N02.360.740.422.400.....Hospitalists
N02.360.740.523.....Nursing Staff, Hospital
N02.360.780.....Pharmacists
N02.360.790.....Physical Therapists
N02.360.800.....Physician Executives
N02.360.810.....Physicians
N02.360.810.020.....Allergists
N02.360.810.040.....Anesthesiologists
N02.360.810.128.....Cardiologists
N02.360.810.215.....Dermatologists
N02.360.810.303.....Endocrinologists
N02.360.810.390.....Foreign Medical Graduates
N02.360.810.438.....Gastroenterologists
N02.360.810.485.....General Practitioners
N02.360.810.533.....Geriatricians
N02.360.810.580.....Hospitalists
N02.360.810.628.....Nephrologists
N02.360.810.652.....Neurologists
N02.360.810.675.....Occupational Health Physicians
N02.360.810.699.....Oncologists
N02.360.810.699.500.....Radiation Oncologists
N02.360.810.705.....Ophthalmologists
N02.360.810.722.....Osteopathic Physicians
N02.360.810.734.....Otolaryngologists
N02.360.810.746.....Pathologists
N02.360.810.758.....Pediatricians
N02.360.810.758.500.....Neonatologists
N02.360.810.764.....Physiatrists
N02.360.810.770.....Physicians, Family
N02.360.810.795.....Physicians, Primary Care

## 2018 MeSH Tree Hierarchy

Tree location
N02.360.810.820.....Physicians, Women
N02.360.810.865.....Pulmonologists
N02.360.810.877.....Radiologists
N02.360.810.877.500.....Radiation Oncologists
N02.360.810.888.....Rheumatologists
N02.360.810.910.....Surgeons
N02.360.810.910.500.....Barber Surgeons
N02.360.810.910.750.....Neurosurgeons
N02.360.810.910.875.....Orthopedic Surgeons
N02.360.810.955.....Urologists
N02.360.905.....Veterinarians
N02.421.....Health Services
N02.421.044.....Adolescent Health Services
N02.421.088.....Child Care
N02.421.088.120.....Infant Care
N02.421.088.120.059.....Facilitated Tucking
N02.421.088.120.140.....Kangaroo-Mother Care Method
N02.421.088.120.180.....Perinatal Care
N02.421.088.120.240.....Rooming-in Care
N02.421.143.....Community Health Services
N02.421.143.065.....Adult Day Care Centers
N02.421.143.098.....Child Day Care Centers
N02.421.143.130.....Child Health Services
N02.421.143.130.320.....Early Intervention (Education)
N02.421.143.130.660.....Maternal-Child Health Services
N02.421.143.150.....Community Health Nursing
N02.421.143.150.500.....Home Health Nursing
N02.421.143.150.750.....Parish Nursing
N02.421.143.183.....Community Mental Health Services
N02.421.143.202.....Community Networks
N02.421.143.221.....Community Pharmacy Services
N02.421.143.262.....Community Participation
N02.421.143.262.300.....Patient Participation
N02.421.143.303.....Counseling
N02.421.143.303.175.....Distance Counseling
N02.421.143.303.700.....Sex Counseling
N02.421.143.401.....Family Planning Services
N02.421.143.452.....Foster Home Care
N02.421.143.524.....Home Care Services
N02.421.143.524.337.....Hemodialysis, Home
N02.421.143.524.403.....Home Care Services, Hospital-Based

## 2018 MeSH Tree Hierarchy

Tree location
N02.421.143.524.419.....Home Health Nursing
N02.421.143.524.436.....Home Infusion Therapy
N02.421.143.524.470.....Home Nursing
N02.421.143.524.470.610.....Respite Care
N02.421.143.524.595.....Homemaker Services
N02.421.143.524.650.....Parenteral Nutrition, Home
N02.421.143.524.650.565.....Parenteral Nutrition, Home Total
N02.421.143.550.....Hospices
N02.421.143.620.....Maternal Health Services
N02.421.143.620.275.....Maternal-Child Health Services
N02.421.143.620.550.....Perinatal Care
N02.421.143.620.550.500.....Postnatal Care
N02.421.143.620.620.....Preconception Care
N02.421.143.620.704.....Prenatal Care
N02.421.143.740.....Occupational Health Services
N02.421.143.913.....Senior Centers
N02.421.240.....Dental Health Services
N02.421.240.190.....Dental Care
N02.421.240.190.210.....Dental Care for Aged
N02.421.240.190.215.....Dental Care for Children
N02.421.240.190.220.....Dental Care for Chronically Ill
N02.421.240.190.230.....Dental Care for Disabled
N02.421.240.200.....Dental Service, Hospital
N02.421.242.....Dietary Services
N02.421.242.472.....Food Service, Hospital
N02.421.242.472.310.....Menu Planning
N02.421.297.....Emergency Medical Services
N02.421.297.028.....Advanced Trauma Life Support Care
N02.421.297.036.....Call Centers
N02.421.297.043.....Emergency Medical Dispatch
N02.421.297.058.....Emergency Medical Service Communication Systems
N02.421.297.127.....Emergency Police Dispatcher
N02.421.297.195.....Emergency Service, Hospital
N02.421.297.195.480.....Trauma Centers
N02.421.297.200.....Emergency Services, Psychiatric
N02.421.297.448.....Hotlines
N02.421.297.695.....Poison Control Centers
N02.421.297.879.....Transportation of Patients
N02.421.297.879.049.....Ambulance Diversion
N02.421.297.879.100.....Ambulances
N02.421.297.879.100.100.....Air Ambulances

## 2018 MeSH Tree Hierarchy

Tree location
N02.421.297.879.550.....Stretchers
N02.421.297.900.....Triage
N02.421.308.....Genetic Services
N02.421.308.200.....Genetic Carrier Screening
N02.421.308.400.....Genetic Counseling
N02.421.308.430.....Genetic Testing
N02.421.308.430.500.....Pharmacogenomic Testing
N02.421.314.....Health Services for Persons with Disabilities
N02.421.320.....Health Services for the Aged
N02.421.325.....Health Services for Transgender Persons
N02.421.330.....Health Services, Indigenous
N02.421.380.....Health Services Misuse
N02.421.380.450.....Medical Overuse
N02.421.380.450.500.....Unnecessary Procedures
N02.421.450.....Medical Errors
N02.421.450.280.....Diagnostic Errors
N02.421.450.500.....Medication Errors
N02.421.450.500.249.....Inappropriate Prescribing
N02.421.450.500.500.....Medication Reconciliation
N02.421.450.500.750.....Near Miss, Healthcare
N02.421.450.550.....Near Miss, Healthcare
N02.421.450.600.....Observer Variation
N02.421.450.800.....Radiotherapy Setup Errors
N02.421.461.....Mental Health Services
N02.421.461.232.....Community Mental Health Services
N02.421.461.363.....Counseling
N02.421.461.363.349.....Directive Counseling
N02.421.461.363.349.500.....Motivational Interviewing
N02.421.461.363.437.....Distance Counseling
N02.421.461.363.700.....Sex Counseling
N02.421.461.798.....Social Work, Psychiatric
N02.421.533.....Nursing Care
N02.421.533.099.....Cardiovascular Nursing
N02.421.533.149.....Critical Care Nursing
N02.421.533.200.....Emergency Nursing
N02.421.533.245.....Geriatric Nursing
N02.421.533.282.....Holistic Nursing
N02.421.533.320.....Home Nursing
N02.421.533.320.610.....Respite Care
N02.421.533.390.....Hospice and Palliative Care Nursing
N02.421.533.460.....Maternal-Child Nursing

## 2018 MeSH Tree Hierarchy

Tree location
N02.421.533.460.600.....Neonatal Nursing
N02.421.533.475.....Medical-Surgical Nursing
N02.421.533.490.....Nephrology Nursing
N02.421.533.505.....Neuroscience Nursing
N02.421.533.520.....Nursing, Practical
N02.421.533.571.....Obstetric Nursing
N02.421.533.585.....Occupational Health Nursing
N02.421.533.600.....Oncology Nursing
N02.421.533.635.....Orthopedic Nursing
N02.421.533.691.....Pediatric Nursing
N02.421.533.691.600.....Neonatal Nursing
N02.421.533.710.....Perioperative Nursing
N02.421.533.710.625.....Operating Room Nursing
N02.421.533.710.650.....Postanesthesia Nursing
N02.421.533.760.....Primary Nursing
N02.421.533.778.....Psychiatric Nursing
N02.421.533.889.....Rehabilitation Nursing
N02.421.539.....Nursing Services
N02.421.539.089.....Home Care Services
N02.421.539.089.500.....Home Health Nursing
N02.421.539.180.....Nursing Service, Hospital
N02.421.585.....Patient Care
N02.421.585.106.....Ambulatory Care
N02.421.585.106.500.....Peritoneal Dialysis, Continuous Ambulatory
N02.421.585.148.....Bloodless Medical and Surgical Procedures
N02.421.585.169.....Continuity of Patient Care
N02.421.585.169.063.....Aftercare
N02.421.585.169.125.....Patient Discharge
N02.421.585.169.249.....Patient Handoff
N02.421.585.169.624.....Patient Transfer
N02.421.585.169.718.....Transition to Adult Care
N02.421.585.169.812.....Transitional Care
N02.421.585.190.....Critical Care
N02.421.585.190.500.....Intensive Care, Neonatal
N02.421.585.215.....Custodial Care
N02.421.585.246.....Day Care, Medical
N02.421.585.300.....Episode of Care
N02.421.585.352.....Foster Home Care
N02.421.585.400.....Hospitalization
N02.421.585.400.480.....Length of Stay
N02.421.585.400.600.....Patient Admission

## 2018 MeSH Tree Hierarchy

Tree location
N02.421.585.400.610.....Patient Discharge
N02.421.585.400.615.....Patient Handoff
N02.421.585.400.620.....Patient Readmission
N02.421.585.400.630.....Patient Transfer
N02.421.585.415.....Institutionalization
N02.421.585.415.280.....Deinstitutionalization
N02.421.585.440.....Life Support Care
N02.421.585.440.028.....Advanced Cardiac Life Support
N02.421.585.440.040.....Advanced Trauma Life Support Care
N02.421.585.476.....Long-Term Care
N02.421.585.525.....Moving and Lifting Patients
N02.421.585.564.....Night Care
N02.421.585.666.....Palliative Care
N02.421.585.683.....Patient Comfort
N02.421.585.700.....Patient Positioning
N02.421.585.700.500.....Kangaroo-Mother Care Method
N02.421.585.703.....Perinatal Care
N02.421.585.703.500.....Postnatal Care
N02.421.585.722.....Perioperative Care
N02.421.585.722.400.....Intraoperative Care
N02.421.585.722.500.....Perioperative Nursing
N02.421.585.722.700.....Postoperative Care
N02.421.585.753.....Perioperative Period
N02.421.585.753.374.....Intraoperative Period
N02.421.585.753.374.500.....Operative Time
N02.421.585.753.750.....Postoperative Period
N02.421.585.753.750.055.....Anesthesia Recovery Period
N02.421.585.753.937.....Preoperative Period
N02.421.585.775.....Preconception Care
N02.421.585.786.....Prenatal Care
N02.421.585.795.....Preoperative Care
N02.421.585.850.....Subacute Care
N02.421.585.905.....Terminal Care
N02.421.585.905.199.....Euthanasia
N02.421.585.905.199.500.....Euthanasia, Active
N02.421.585.905.199.500.200.....Euthanasia, Active, Voluntary
N02.421.585.905.199.500.750.....Euthanasia, Animal
N02.421.585.905.199.625.....Euthanasia, Passive
N02.421.585.905.400.....Hospice Care
N02.421.585.905.700.....Resuscitation Orders
N02.421.585.905.850.....Suicide, Assisted

## 2018 MeSH Tree Hierarchy

Tree location
N02.421.585.928.....Time-to-Treatment
N02.421.585.940.....Transitional Care
N02.421.585.952.....Withholding Treatment
N02.421.585.952.500.....Euthanasia, Passive
N02.421.608.....Patient Escort Service
N02.421.631.....Personal Health Services
N02.421.668.....Pharmaceutical Services
N02.421.668.274.....Community Pharmacy Services
N02.421.668.320.....Drug Information Services
N02.421.668.320.120.....Adverse Drug Reaction Reporting Systems
N02.421.668.320.200.....Clinical Pharmacy Information Systems
N02.421.668.320.600.....Prescription Drug Monitoring Programs
N02.421.668.438.....Medication Therapy Management
N02.421.668.475.....Pharmaceutical Services, Online
N02.421.668.556.....Pharmacy Service, Hospital
N02.421.668.778.....Prescriptions
N02.421.668.778.500.....Drug Prescriptions
N02.421.668.778.500.312.....Drug Substitution
N02.421.668.778.750.....Electronic Prescribing
N02.421.726.....Preventive Health Services
N02.421.726.233.....Diagnostic Services
N02.421.726.233.110.....Clinical Laboratory Services
N02.421.726.233.166.....Direct-To-Consumer Screening and Testing
N02.421.726.233.221.....Genetic Testing
N02.421.726.233.221.250.....Genetic Carrier Screening
N02.421.726.233.221.500.....Pharmacogenomic Testing
N02.421.726.233.443.....Mass Screening
N02.421.726.233.443.221.....Anonymous Testing
N02.421.726.233.443.443.....Mass Chest X-Ray
N02.421.726.233.443.633.....Multiphasic Screening
N02.421.726.233.443.816.....Neonatal Screening
N02.421.726.233.628.....Mobile Health Units
N02.421.726.320.....Early Intervention (Education)
N02.421.726.363.....Early Medical Intervention
N02.421.726.407.....Health Education
N02.421.726.407.229.....Consumer Health Information
N02.421.726.407.229.500.....Health Literacy
N02.421.726.407.229.500.500.....Patient Medication Knowledge
N02.421.726.407.457.....Health Education, Dental
N02.421.726.407.478.....Health Fairs
N02.421.726.407.579.....Health Promotion

## 2018 MeSH Tree Hierarchy

Tree location	
N02.421.726.407.579.300.....	Healthy People Programs
N02.421.726.407.579.650.....	Weight Reduction Programs
N02.421.726.407.579.650.500.....	Obesity Management
N02.421.726.407.680.....	Patient Education as Topic
N02.421.726.407.680.500.....	Prenatal Education
N02.421.726.407.840.....	Smoking Prevention
N02.421.726.608.....	Immunization Programs
N02.421.726.608.500.....	Mass Vaccination
N02.421.726.708.....	Needle-Exchange Programs
N02.421.726.755.....	Post-Exposure Prophylaxis
N02.421.726.758.....	Primary Prevention
N02.421.726.758.310.....	Immunization
N02.421.726.758.310.890.....	Vaccination
N02.421.726.758.310.890.500.....	Mass Vaccination
N02.421.726.758.310.890.750.....	Vaccination Coverage
N02.421.726.758.655.....	Pre-Exposure Prophylaxis
N02.421.726.809.....	School Health Services
N02.421.726.809.576.....	School Dentistry
N02.421.726.809.742.....	School Nursing
N02.421.726.825.....	Secondary Prevention
N02.421.726.860.....	Tertiary Prevention
N02.421.726.930.....	Vaccination Coverage
N02.421.784.....	Rehabilitation
N02.421.784.110.....	Activities of Daily Living
N02.421.784.244.....	Cardiac Rehabilitation
N02.421.784.377.....	Correction of Hearing Impairment
N02.421.784.444.....	Mental Health Recovery
N02.421.784.511.....	Neurological Rehabilitation
N02.421.784.511.500.....	Stroke Rehabilitation
N02.421.784.578.....	Psychiatric Rehabilitation
N02.421.784.644.....	Rehabilitation, Vocational
N02.421.784.644.350.....	Employment, Supported
N02.421.784.680.....	Self Care
N02.421.784.760.....	Self-Management
N02.421.784.840.....	Telerehabilitation
N02.421.800.....	Reproductive Health Services
N02.421.800.249.....	Family Planning Services
N02.421.800.500.....	Maternal Health Services
N02.421.816.....	Rural Health Services
N02.421.816.500.....	Rural Nursing
N02.421.849.....	Social Work



## 2018 MeSH Tree Hierarchy

Tree location
N02.421.849.673.....Social Work, Psychiatric
N02.421.897.....Student Health Services
N02.421.908.....Suburban Health Services
N02.421.911.....Tissue and Organ Procurement
N02.421.911.200.....Directed Tissue Donation
N02.421.911.600.....Donor Selection
N02.421.914.....Urban Health Services
N02.421.920.....Women's Health Services
N02.421.920.660.....Preconception Care
N02.508.....Housekeeping
N02.508.472.....Housekeeping, Hospital
N02.628.....Maintenance
N02.628.472.....Maintenance and Engineering, Hospital
N03.....Health Care Economics and Organizations
N03.109.....Dual MEDICAID MEDICARE Eligibility
N03.219.....Economics
N03.219.075.....Compensation and Redress
N03.219.151.....Costs and Cost Analysis
N03.219.151.080.....Cost Allocation
N03.219.151.125.....Cost-Benefit Analysis
N03.219.151.160.....Cost Control
N03.219.151.160.200.....Cost Savings
N03.219.151.165.....Cost of Illness
N03.219.151.170.....Cost Sharing
N03.219.151.170.300.....Deductibles and Coinsurance
N03.219.151.170.650.....Medical Savings Accounts
N03.219.151.400.....Health Care Costs
N03.219.151.400.325.....Direct Service Costs
N03.219.151.400.350.....Drug Costs
N03.219.151.400.375.....Employer Health Costs
N03.219.151.400.687.....Hospital Costs
N03.219.151.450.....Health Expenditures
N03.219.151.450.200.....Capital Expenditures
N03.219.188.....Economic Competition
N03.219.206.....Economic Development
N03.219.215.....Economics, Behavioral
N03.219.224.....Economics, Dental
N03.219.224.426.....Fees, Dental
N03.219.262.....Economics, Hospital
N03.219.262.300.....Hospital Charges
N03.219.262.500.....Hospital Costs

## 2018 MeSH Tree Hierarchy

Tree location	
N03.219.300.....	Economics, Medical
N03.219.300.426.....	Fees, Medical
N03.219.338.....	Economics, Nursing
N03.219.390.....	Economics, Pharmaceutical
N03.219.416.....	External Debt
N03.219.442.....	Fees and Charges
N03.219.442.090.....	Capitation Fee
N03.219.442.195.....	Fee-for-Service Plans
N03.219.442.301.....	Fees, Dental
N03.219.442.426.....	Fees, Medical
N03.219.442.551.....	Fees, Pharmaceutical
N03.219.442.551.621.....	Prescription Fees
N03.219.442.613.....	Hospital Charges
N03.219.442.800.....	Rate Setting and Review
N03.219.463.....	Financial Management
N03.219.463.030.....	Accounting
N03.219.463.030.080.....	Accounts Payable and Receivable
N03.219.463.030.100.....	Banking, Personal
N03.219.463.030.120.....	Depreciation
N03.219.463.030.140.....	Financial Statements
N03.219.463.030.160.....	Financial Audit
N03.219.463.030.320.....	Patient Credit and Collection
N03.219.463.045.....	Bankruptcy
N03.219.463.060.....	Budgets
N03.219.463.060.800.....	Rate Setting and Review
N03.219.463.085.....	Capital Financing
N03.219.463.100.....	Contract Services
N03.219.463.100.110.....	Competitive Bidding
N03.219.463.100.600.....	Outsourced Services
N03.219.463.280.....	Financial Management, Hospital
N03.219.463.300.....	Financing, Construction
N03.219.463.360.....	Fund Raising
N03.219.463.430.....	Group Purchasing
N03.219.463.500.....	Leasing, Property
N03.219.463.548.....	Marketing of Health Services
N03.219.463.800.....	Risk Management
N03.219.463.800.800.....	Risk Sharing, Financial
N03.219.483.....	Financial Support
N03.219.483.311.....	Foundations
N03.219.483.408.....	Health Planning Support
N03.219.483.500.....	Healthcare Financing

## 2018 MeSH Tree Hierarchy

Tree location
N03.219.483.645.....Research Support as Topic
N03.219.483.838.....Training Support
N03.219.483.838.276.....Fellowships and Scholarships
N03.219.521.....Financing, Organized
N03.219.521.346.....Financing, Government
N03.219.521.346.506.....Public Assistance
N03.219.521.346.506.281.....Food Assistance
N03.219.521.346.506.564.....Medical Assistance
N03.219.521.346.506.564.655.....Medicaid
N03.219.521.346.506.564.663.....Medicare
N03.219.521.346.506.564.663.250.....Medicare Access and CHIP Reauthorization Act of 2015
N03.219.521.346.506.564.663.500.....Medicare Part A
N03.219.521.346.506.564.663.515.....Medicare Part B
N03.219.521.346.506.564.663.757.....Medicare Part C
N03.219.521.346.506.678.....Old Age Assistance
N03.219.521.346.506.849.....Social Security
N03.219.521.346.506.849.095.....Aid to Families with Dependent Children
N03.219.521.346.733.....Veterans Disability Claims
N03.219.521.346.866.....Workers' Compensation
N03.219.521.576.....Insurance
N03.219.521.576.090.....Cost Sharing
N03.219.521.576.090.300.....Deductibles and Coinsurance
N03.219.521.576.090.650.....Medical Savings Accounts
N03.219.521.576.130.....Insurance Benefits
N03.219.521.576.160.....Insurance Carriers
N03.219.521.576.210.....Insurance Claim Reporting
N03.219.521.576.215.....Insurance Claim Review
N03.219.521.576.265.....Insurance Coverage
N03.219.521.576.265.500.....Universal Coverage
N03.219.521.576.300.....Insurance, Disability
N03.219.521.576.300.900.....Workers' Compensation
N03.219.521.576.343.....Insurance, Health
N03.219.521.576.343.071.....Children's Health Insurance Program
N03.219.521.576.343.144.....For-Profit Insurance Plans
N03.219.521.576.343.290.....Health Benefit Plans, Employee
N03.219.521.576.343.290.300.....Employee Retirement Income Security Act
N03.219.521.576.343.349.....Health Insurance Portability and Accountability Act
N03.219.521.576.343.409.....Insurance, Accident
N03.219.521.576.343.450.....Insurance, Dental
N03.219.521.576.343.480.....Insurance, Health, Reimbursement
N03.219.521.576.343.492.....Insurance, Hospitalization

## 2018 MeSH Tree Hierarchy

Tree location
N03.219.521.576.343.508.....Insurance, Long-Term Care
N03.219.521.576.343.533.....Insurance, Major Medical
N03.219.521.576.343.539.....Insurance, Medigap
N03.219.521.576.343.545.....Insurance, Nursing Services
N03.219.521.576.343.575.....Insurance, Pharmaceutical Services
N03.219.521.576.343.575.500.....Medicare Part D
N03.219.521.576.343.575.500.500.....Medication Therapy Management
N03.219.521.576.343.616.....Insurance, Physician Services
N03.219.521.576.343.616.508.....Medicare Assignment
N03.219.521.576.343.658.....Insurance, Psychiatric
N03.219.521.576.343.700.....Insurance, Surgical
N03.219.521.576.343.800.....Managed Care Programs
N03.219.521.576.343.800.175.....Competitive Medical Plans
N03.219.521.576.343.800.400.....Health Maintenance Organizations
N03.219.521.576.343.800.450.....Independent Practice Associations
N03.219.521.576.343.800.700.....Patient Freedom of Choice Laws
N03.219.521.576.343.800.750.....Preferred Provider Organizations
N03.219.521.576.343.800.875.....Provider-Sponsored Organizations
N03.219.521.576.343.820.....Managed Competition
N03.219.521.576.343.830.....Medical Savings Accounts
N03.219.521.576.343.840.....Medicare
N03.219.521.576.343.840.254.....Medicare Access and CHIP Reauthorization Act of 2015
N03.219.521.576.343.840.508.....Medicare Assignment
N03.219.521.576.343.840.725.....Medicare Part A
N03.219.521.576.343.840.754.....Medicare Part B
N03.219.521.576.343.840.877.....Medicare Part C
N03.219.521.576.343.840.938.....Medicare Part D
N03.219.521.576.343.840.938.500.....Medication Therapy Management
N03.219.521.576.343.900.....National Health Insurance, United States
N03.219.521.576.343.912.....Not-For-Profit Insurance Plans
N03.219.521.576.343.918.....Patient Protection and Affordable Care Act
N03.219.521.576.343.918.500.....Health Insurance Exchanges
N03.219.521.576.343.925.....Prepaid Health Plans
N03.219.521.576.343.925.400.....Health Maintenance Organizations
N03.219.521.576.343.962.....Single-Payer System
N03.219.521.576.343.972.....Value-Based Insurance
N03.219.521.576.343.981.....Value-Based Purchasing
N03.219.521.576.443.....Insurance, Liability
N03.219.521.576.543.....Insurance, Life
N03.219.521.576.570.....Insurance Pools
N03.219.521.576.585.....Insurance Selection Bias

## 2018 MeSH Tree Hierarchy

Tree location
N03.219.521.576.585.500.....Preexisting Condition Coverage
N03.219.521.576.823.....Social Security
N03.219.521.710.....Insurance, Health, Reimbursement
N03.219.521.710.305.....Reimbursement Mechanisms
N03.219.521.710.305.090.....Fee-for-Service Plans
N03.219.521.710.305.090.125.....Blue Cross Blue Shield Insurance Plans
N03.219.521.710.305.180.....Physician Payment Review Commission
N03.219.521.710.305.200.....Prospective Payment System
N03.219.521.710.305.200.080.....Diagnosis-Related Groups
N03.219.521.710.305.200.080.550.....Outliers, DRG
N03.219.521.710.305.200.500.....Medicare Payment Advisory Commission
N03.219.521.710.305.200.605.....Prospective Payment Assessment Commission
N03.219.521.710.305.290.....Reimbursement, Disproportionate Share
N03.219.521.710.305.380.....Reimbursement, Incentive
N03.219.521.710.305.500.....Relative Value Scales
N03.219.521.855.....Single-Payer System
N03.219.559.....Financing, Personal
N03.219.559.500.....Medical Savings Accounts
N03.219.650.....Health Care Sector
N03.219.680.....Inflation, Economic
N03.219.702.....Investments
N03.219.780.....Medical Indigency
N03.219.900.....Taxes
N03.219.900.250.....Income Tax
N03.219.900.880.....Tax Equity and Fiscal Responsibility Act
N03.219.900.940.....Tax Exemption
N03.349.....Health Planning
N03.349.270.....Health Care Rationing
N03.349.285.....Health Care Reform
N03.349.300.....Health Plan Implementation
N03.349.315.....Health Planning Guidelines
N03.349.325.....Health Planning Technical Assistance
N03.349.330.....Health Priorities
N03.349.340.....Health Resources
N03.349.380.....Health Services Research
N03.349.380.210.....Health Care Surveys
N03.349.380.210.500.....Health Impact Assessment
N03.349.380.210.750.....Patient Reported Outcome Measures
N03.349.380.420.....Health Services Needs and Demand
N03.349.380.565.....Needs Assessment
N03.349.380.710.....Organizational Case Studies

## 2018 MeSH Tree Hierarchy

Tree location	
N03.349.550.....	National Health Programs
N03.349.550.610.....	National Health Insurance, United States
N03.349.550.805.....	Single-Payer System
N03.349.550.902.....	State Medicine
N03.349.650.....	Regional Health Planning
N03.349.650.095.....	Catchment Area (Health)
N03.349.650.120.....	Certificate of Need
N03.349.650.185.....	Community Health Planning
N03.349.650.250.....	Health Facility Planning
N03.349.650.250.080.....	Bed Conversion
N03.349.650.250.200.....	Hospital Planning
N03.349.650.270.....	Health Systems Plans
N03.349.650.340.....	Medically Underserved Area
N03.349.650.400.....	Regional Medical Programs
N03.349.650.480.....	State Health Plans
N03.349.650.480.500.....	Children's Health Insurance Program
N03.540.....	Organizations
N03.540.052.....	Academies and Institutes
N03.540.052.500.....	National Academy of Sciences (U.S.)
N03.540.052.500.500.....	National Academies of Science, Engineering, and Medicine (U.S.) Health and Medicine Division
N03.540.052.750.....	National Institutes of Health (U.S.)
N03.540.052.750.150.....	National Cancer Institute (U.S.)
N03.540.052.750.200.....	National Eye Institute (U.S.)
N03.540.052.750.300.....	National Heart, Lung, and Blood Institute (U.S.)
N03.540.052.750.325.....	National Human Genome Research Institute (U.S.)
N03.540.052.750.400.....	National Institute of Allergy and Infectious Diseases (U.S.)
N03.540.052.750.425.....	National Institute of Arthritis and Musculoskeletal and Skin Diseases (U.S.)
N03.540.052.750.435.....	National Institute of Biomedical Imaging and Bioengineering (U.S.)
N03.540.052.750.440.....	National Institute of Child Health and Human Development (U.S.)
N03.540.052.750.445.....	National Institute of Dental and Craniofacial Research (U.S.)
N03.540.052.750.450.....	National Institute of Diabetes and Digestive and Kidney Diseases (U.S.)
N03.540.052.750.455.....	National Institute of Environmental Health Sciences (U.S.)
N03.540.052.750.457.....	National Institute of General Medical Sciences (U.S.)
N03.540.052.750.460.....	National Institute of Mental Health (U.S.)
N03.540.052.750.461.....	National Institute of Neurological Disorders and Stroke (U.S.)
N03.540.052.750.462.....	National Institute of Nursing Research (U.S.)
N03.540.052.750.465.....	National Institute on Aging (U.S.)
N03.540.052.750.467.....	National Institute on Alcohol Abuse and Alcoholism (U.S.)
N03.540.052.750.470.....	National Institute on Deafness and Other Communication Disorders (U.S.)
N03.540.052.750.485.....	National Institute on Drug Abuse (U.S.)
N03.540.052.750.490.....	National Library of Medicine (U.S.)

## 2018 MeSH Tree Hierarchy

Tree location
N03.540.089.....African Union
N03.540.125.....Charities
N03.540.162.....College Fraternities and Sororities
N03.540.199.....Congresses as Topic
N03.540.199.205.....Consensus Development Conferences as Topic
N03.540.199.205.500.....Consensus Development Conferences, NIH as Topic
N03.540.245.....Consumer Organizations
N03.540.245.360.....Community Participation
N03.540.245.360.300.....Patient Participation
N03.540.297.....Faith-Based Organizations
N03.540.348.....Government
N03.540.348.500.....Federal Government
N03.540.348.500.500.....United States Government Agencies
N03.540.348.500.500.099.....Peace Corps
N03.540.348.500.500.199.....United States Agency for International Development
N03.540.348.500.500.400.....United States Department of Agriculture
N03.540.348.500.500.500.....United States Department of Defense
N03.540.348.500.500.600.....United States Dept. of Health and Human Services
N03.540.348.500.500.600.550.....Centers for Medicare and Medicaid Services (U.S.)
N03.540.348.500.500.600.650.....United States Public Health Service
N03.540.348.500.500.600.650.225.....Centers for Disease Control and Prevention (U.S.)
N03.540.348.500.500.600.650.225.260.....National Center for Health Statistics (U.S.)
N03.540.348.500.500.600.650.225.520.....National Institute for Occupational Safety and Health (U.S.)
N03.540.348.500.500.600.650.400.....National Center for Health Care Technology (U.S.)
N03.540.348.500.500.600.650.496.....National Institutes of Health (U.S.)
N03.540.348.500.500.600.650.496.150.....National Cancer Institute (U.S.)
N03.540.348.500.500.600.650.496.175.....National Center for Advancing Translational Sciences (U.S.)
N03.540.348.500.500.600.650.496.188.....National Center for Complementary and Integrative Health (U.S.)
N03.540.348.500.500.600.650.496.200.....National Eye Institute (U.S.)
N03.540.348.500.500.600.650.496.300.....National Heart, Lung, and Blood Institute (U.S.)
N03.540.348.500.500.600.650.496.325.....National Human Genome Research Institute (U.S.)
N03.540.348.500.500.600.650.496.400.....National Institute of Allergy and Infectious Diseases (U.S.)
N03.540.348.500.500.600.650.496.425.....National Institute of Arthritis and Musculoskeletal and Skin Diseases (U.S.)
N03.540.348.500.500.600.650.496.435.....National Institute of Biomedical Imaging and Bioengineering (U.S.)
N03.540.348.500.500.600.650.496.440.....National Institute of Child Health and Human Development (U.S.)
N03.540.348.500.500.600.650.496.445.....National Institute of Dental and Craniofacial Research (U.S.)
N03.540.348.500.500.600.650.496.450.....National Institute of Diabetes and Digestive and Kidney Diseases (U.S.)
N03.540.348.500.500.600.650.496.455.....National Institute of Environmental Health Sciences (U.S.)
N03.540.348.500.500.600.650.496.457.....National Institute of General Medical Sciences (U.S.)
N03.540.348.500.500.600.650.496.460.....National Institute of Mental Health (U.S.)
N03.540.348.500.500.600.650.496.461.....National Institute of Neurological Disorders and Stroke (U.S.)

## 2018 MeSH Tree Hierarchy

Tree location	
N03.540.348.500.500.600.650.496.462.....	National Institute of Nursing Research (U.S.)
N03.540.348.500.500.600.650.496.465.....	National Institute on Aging (U.S.)
N03.540.348.500.500.600.650.496.467.....	National Institute on Alcohol Abuse and Alcoholism (U.S.)
N03.540.348.500.500.600.650.496.470.....	National Institute on Deafness and Other Communication Disorders (U.S.)
N03.540.348.500.500.600.650.496.485.....	National Institute on Drug Abuse (U.S.)
N03.540.348.500.500.600.650.496.742.....	National Library of Medicine (U.S.)
N03.540.348.500.500.600.650.592.....	United States Agency for Healthcare Research and Quality
N03.540.348.500.500.600.650.760.....	United States Food and Drug Administration
N03.540.348.500.500.600.650.790.....	United States Health Resources and Services Administration
N03.540.348.500.500.600.650.790.525.....	National Health Planning Information Center (U.S.)
N03.540.348.500.500.600.650.825.....	United States Indian Health Service
N03.540.348.500.500.600.650.912.....	United States Office of Research Integrity
N03.540.348.500.500.600.650.920.....	United States Substance Abuse and Mental Health Services Administration
N03.540.348.500.500.650.....	United States Department of Homeland Security
N03.540.348.500.500.700.....	United States Department of Veterans Affairs
N03.540.348.500.500.937.....	United States Environmental Protection Agency
N03.540.348.500.500.968.....	United States Federal Trade Commission
N03.540.348.500.500.984.....	United States National Aeronautics and Space Administration
N03.540.348.500.500.992.....	United States Occupational Safety and Health Administration
N03.540.348.500.500.996.....	United States Office of Economic Opportunity
N03.540.348.500.500.997.....	United States Office of National Drug Control Policy
N03.540.348.500.500.998.....	United States Office of Technology Assessment
N03.540.348.500.500.999.....	United States Social Security Administration
N03.540.348.750.....	Local Government
N03.540.348.875.....	State Government
N03.540.400.....	Government Agencies
N03.540.400.500.....	Child Protective Services
N03.540.400.750.....	Federal Government
N03.540.452.....	Health Planning Organizations
N03.540.452.188.....	Health Care Coalitions
N03.540.452.210.....	Health Planning Councils
N03.540.452.508.....	State Health Planning and Development Agencies
N03.540.452.508.440.....	Health Systems Agencies
N03.540.483.....	Home Care Agencies
N03.540.514.....	International Agencies
N03.540.514.320.....	International Planned Parenthood Federation
N03.540.514.481.....	Organisation for Economic Co-Operation and Development
N03.540.514.642.....	Red Cross
N03.540.514.718.....	United Nations
N03.540.514.718.800.....	World Health Organization
N03.540.514.718.800.628.....	Pan American Health Organization



## 2018 MeSH Tree Hierarchy

Tree location
N03.540.571.....Labor Unions
N03.540.571.356.....Collective Bargaining
N03.540.571.608.....Strikes, Employee
N03.540.630.....Organizations, Nonprofit
N03.540.630.180.....Foundations
N03.540.630.480.....Health Level Seven
N03.540.630.630.....Hospital Auxiliaries
N03.540.630.780.....Voluntary Health Agencies
N03.540.630.780.080.....American Cancer Society
N03.540.630.780.110.....American Heart Association
N03.540.630.780.305.....International Planned Parenthood Federation
N03.540.630.780.500.....Mental Health Associations
N03.540.630.780.608.....Red Cross
N03.540.630.780.850.....Tuberculosis Societies
N03.540.706.....Public-Private Sector Partnerships
N03.540.782.....Self-Help Groups
N03.540.782.270.....Alcoholics Anonymous
N03.540.828.....Societies
N03.540.828.052.....American Public Health Association
N03.540.828.105.....American Speech-Language-Hearing Association
N03.540.828.506.....Societies, Dental
N03.540.828.506.274.....American Dental Association
N03.540.828.540.....Societies, Hospital
N03.540.828.540.080.....American Hospital Association
N03.540.828.589.....Societies, Medical
N03.540.828.589.274.....American Medical Association
N03.540.828.672.....Societies, Nursing
N03.540.828.672.274.....American Nurses' Association
N03.540.828.672.463.....International Council of Nurses
N03.540.828.755.....Societies, Pharmaceutical
N03.540.828.838.....Societies, Scientific
N03.623.....Policy
N03.623.500.....Social Control Policies
N03.623.500.550.....Organizational Policy
N03.623.500.608.....Public Policy
N03.623.500.608.180.....Environmental Policy
N03.623.500.608.214.....Family Planning Policy
N03.623.500.608.428.....Health Policy
N03.623.500.608.428.285.....Health Care Reform
N03.623.500.608.428.650.....Nutrition Policy
N03.623.500.608.428.650.500.....Recommended Dietary Allowances

## 2018 MeSH Tree Hierarchy

Tree location
N03.706.....Social Control, Formal
N03.706.110.....Credentialing
N03.706.110.070.....Accreditation
N03.706.110.070.410.....Joint Commission on Accreditation of Healthcare Organizations
N03.706.110.120.....Certification
N03.706.110.120.580.....Specialty Boards
N03.706.110.510.....Licensure
N03.706.110.510.180.....Licensure, Dental
N03.706.110.510.290.....Licensure, Hospital
N03.706.110.510.410.....Licensure, Medical
N03.706.110.510.490.....Licensure, Nursing
N03.706.110.510.560.....Licensure, Pharmacy
N03.706.280.....Facility Regulation and Control
N03.706.358.....Government Regulation
N03.706.437.....Human Rights
N03.706.437.300.....Child Advocacy
N03.706.437.352.....Civil Rights
N03.706.437.352.500.....Privacy
N03.706.437.352.500.320.....Genetic Privacy
N03.706.437.368.....Consumer Advocacy
N03.706.437.380.....Freedom
N03.706.437.380.500.....Personal Autonomy
N03.706.437.650.....Patient Rights
N03.706.437.650.124.....Confidentiality
N03.706.437.650.124.160.....Data Anonymization
N03.706.437.650.124.320.....Genetic Privacy
N03.706.437.650.312.....Informed Consent
N03.706.437.650.312.500.....Informed Consent By Minors
N03.706.437.650.406.....Patient Access to Records
N03.706.437.650.750.....Right to Die
N03.706.437.650.875.....Treatment Refusal
N03.706.437.650.875.500.....Vaccination Refusal
N03.706.437.675.....Reproductive Rights
N03.706.437.700.....Social Justice
N03.706.437.850.....Women's Rights
N03.706.535.....Jurisprudence
N03.706.535.020.....Advance Directives
N03.706.535.020.500.....Living Wills
N03.706.535.125.....Compensation and Redress
N03.706.535.230.....Confidentiality
N03.706.535.230.270.....Duty to Warn

## 2018 MeSH Tree Hierarchy

Tree location
N03.706.535.230.320.....Genetic Privacy
N03.706.535.241.....Contracts
N03.706.535.247.....Duty to Recontact
N03.706.535.253.....Expert Testimony
N03.706.535.351.....Forensic Psychiatry
N03.706.535.351.200.....Commitment of Mentally Ill
N03.706.535.351.528.....Insanity Defense
N03.706.535.489.....Informed Consent
N03.706.535.489.134.....Consent Forms
N03.706.535.489.384.....Informed Consent By Minors
N03.706.535.489.635.....Third-Party Consent
N03.706.535.489.635.500.....Parental Consent
N03.706.535.518.....Intellectual Property
N03.706.535.518.300.....Copyright
N03.706.535.518.650.....Patents as Topic
N03.706.535.533.....International Law
N03.706.535.547.....Liability, Legal
N03.706.535.606.....Malpractice
N03.706.535.606.300.....Defensive Medicine
N03.706.535.606.528.....Professional Impairment
N03.706.535.606.528.500.....Physician Impairment
N03.706.535.615.....Mandatory Reporting
N03.706.535.625.....Mental Competency
N03.706.535.664.....Presumed Consent
N03.706.535.704.....Resuscitation Orders
N03.706.535.803.....Wrongful Life
N03.706.615.....Legislation as Topic
N03.706.615.049.....American Recovery and Reinvestment Act
N03.706.615.100.....Antitrust Laws
N03.706.615.215.....Employee Retirement Income Security Act
N03.706.615.273.....Health Insurance Portability and Accountability Act
N03.706.615.302.....Health Planning
N03.706.615.331.....Legislation, Dental
N03.706.615.402.....Legislation, Drug
N03.706.615.402.250.....Drug and Narcotic Control
N03.706.615.412.....Legislation, Food
N03.706.615.420.....Legislation, Hospital
N03.706.615.420.249.....Medicare Part C
N03.706.615.473.....Legislation, Medical
N03.706.615.473.500.....Medical Device Legislation
N03.706.615.544.....Legislation, Nursing

## 2018 MeSH Tree Hierarchy

Tree location
N03.706.615.615.....Legislation, Pharmacy
N03.706.615.686.....Legislation, Veterinary
N03.706.615.693.....Medicaid
N03.706.615.696.....Medicare
N03.706.615.696.500.....Medicare Access and CHIP Reauthorization Act of 2015
N03.706.615.698.....Medicare Part A
N03.706.615.699.....Medicare Part B
N03.706.615.752.....Medicare Part D
N03.706.615.805.....Patient Freedom of Choice Laws
N03.706.615.806.....Patient Protection and Affordable Care Act
N03.706.615.808.....Patient Self-Determination Act
N03.706.615.862.....Privacy
N03.706.615.889.....Tax Equity and Fiscal Responsibility Act
N03.706.615.917.....Threshold Limit Values
N03.706.657.....Mandatory Programs
N03.706.657.249.....Mandatory Reporting
N03.706.657.500.....Mandatory Testing
N03.706.678.....Patient Advocacy
N03.706.700.....Peer Review
N03.706.700.690.....Peer Review, Health Care
N03.706.700.700.....Peer Review, Research
N03.706.742.....Policy Making
N03.706.742.500.....Advisory Committees
N03.787.....State Dentistry
N03.858.....State Medicine
N03.880.....Technology Assessment, Biomedical
N03.880.502.....Technology, High-Cost
N04.....Health Services Administration
N04.226.....Intersectoral Collaboration
N04.452.....Organization and Administration
N04.452.070.....Annual Reports as Topic
N04.452.095.....Appointments and Schedules
N04.452.095.738.....Waiting Lists
N04.452.105.....Capacity Building
N04.452.115.....Clinical Governance
N04.452.122.....Committee Membership
N04.452.150.....Constitution and Bylaws
N04.452.190.....Decision Making, Organizational
N04.452.209.....Efficiency
N04.452.209.500.....Efficiency, Organizational
N04.452.264.....Eligibility Determination

## 2018 MeSH Tree Hierarchy

Tree location
N04.452.313.....Fee Schedules
N04.452.313.500.....Relative Value Scales
N04.452.394.....Governing Board
N04.452.394.600.....Trustees
N04.452.418.....Health Facility Administration
N04.452.442.....Hospital Administration
N04.452.442.060.....Ancillary Services, Hospital
N04.452.442.110.....Centralized Hospital Services
N04.452.442.180.....Financial Management, Hospital
N04.452.442.322.....Hospital Communication Systems
N04.452.442.422.....Hospital Departments
N04.452.442.422.040.....Admitting Department, Hospital
N04.452.442.422.070.....Anesthesia Department, Hospital
N04.452.442.422.215.....Cardiology Service, Hospital
N04.452.442.422.260.....Central Supply, Hospital
N04.452.442.422.270.....Chaplaincy Service, Hospital
N04.452.442.422.298.....Dental Service, Hospital
N04.452.442.422.310.....Education Department, Hospital
N04.452.442.422.336.....Emergency Service, Hospital
N04.452.442.422.336.400.....Trauma Centers
N04.452.442.422.374.....Food Service, Hospital
N04.452.442.422.412.....Housekeeping, Hospital
N04.452.442.422.420.....Laboratories, Hospital
N04.452.442.422.428.....Laundry Service, Hospital
N04.452.442.422.450.....Maintenance and Engineering, Hospital
N04.452.442.422.465.....Medical Records Department, Hospital
N04.452.442.422.467.....Morgue
N04.452.442.422.472.....Nuclear Medicine Department, Hospital
N04.452.442.422.489.....Nursing Service, Hospital
N04.452.442.422.495.....Obstetrics and Gynecology Department, Hospital
N04.452.442.422.500.....Occupational Therapy Department, Hospital
N04.452.442.422.513.....Oncology Service, Hospital
N04.452.442.422.527.....Outpatient Clinics, Hospital
N04.452.442.422.527.600.....Pain Clinics
N04.452.442.422.535.....Pathology Department, Hospital
N04.452.442.422.565.....Personnel Administration, Hospital
N04.452.442.422.603.....Pharmacy Service, Hospital
N04.452.442.422.615.....Physical Therapy Department, Hospital
N04.452.442.422.641.....Psychiatric Department, Hospital
N04.452.442.422.679.....Purchasing, Hospital
N04.452.442.422.679.375.....Group Purchasing

## 2018 MeSH Tree Hierarchy

Tree location
N04.452.442.422.695.....Radiology Department, Hospital
N04.452.442.422.712.....Respiratory Therapy Department, Hospital
N04.452.442.422.730.....Social Work Department, Hospital
N04.452.442.422.750.....Surgery Department, Hospital
N04.452.442.422.790.....Urology Department, Hospital
N04.452.442.450.....Hospital Distribution Systems
N04.452.442.452.....Hospital Information Systems
N04.452.442.452.050.....Ambulatory Care Information Systems
N04.452.442.452.500.....Medical Order Entry Systems
N04.452.442.452.600.....Operating Room Information Systems
N04.452.442.452.680.....Point-of-Care Systems
N04.452.442.510.....Hospital-Patient Relations
N04.452.442.530.....Hospital-Physician Relations
N04.452.442.530.500.....Medical Staff Privileges
N04.452.442.550.....Hospital Restructuring
N04.452.442.550.380.....Hospital-Physician Joint Ventures
N04.452.442.550.380.500.....Physician Self-Referral
N04.452.442.565.....Hospital Shared Services
N04.452.442.585.....Hospital Shops
N04.452.442.600.....Libraries, Hospital
N04.452.442.650.....Materials Management, Hospital
N04.452.442.650.300.....Inventories, Hospital
N04.452.442.675.....Medication Systems, Hospital
N04.452.442.700.....Product Line Management
N04.452.460.....Institutional Management Teams
N04.452.480.....Knowledge Management
N04.452.500.....Management Audit
N04.452.500.150.....Benchmarking
N04.452.515.....Management Information Systems
N04.452.515.080.....Clinical Laboratory Information Systems
N04.452.515.095.....Clinical Pharmacy Information Systems
N04.452.515.110.....Database Management Systems
N04.452.515.135.....Decision Support Systems, Management
N04.452.515.350.....Healthcare Common Procedure Coding System
N04.452.515.360.....Hospital Information Systems
N04.452.515.360.050.....Ambulatory Care Information Systems
N04.452.515.360.500.....Medical Order Entry Systems
N04.452.515.360.555.....Operating Room Information Systems
N04.452.515.360.652.....Point-of-Care Systems
N04.452.515.708.....Office Automation
N04.452.515.708.950.....Word Processing

## 2018 MeSH Tree Hierarchy

Tree location
N04.452.515.800.....Personnel Staffing and Scheduling Information Systems
N04.452.515.825.....Radiology Information Systems
N04.452.515.825.500.....Teleradiology
N04.452.521.....Mandatory Programs
N04.452.528.....Medication Systems
N04.452.528.460.....Medication Reconciliation
N04.452.528.473.....Medication Systems, Hospital
N04.452.534.....Models, Organizational
N04.452.540.....Multi-Institutional Systems
N04.452.540.308.....Hospital Shared Services
N04.452.602.....Organizational Affiliation
N04.452.602.713.....Transfer Agreement
N04.452.606.....Organizational Culture
N04.452.610.....Organizational Innovation
N04.452.610.250.....Entrepreneurship
N04.452.615.....Organizational Objectives
N04.452.633.....Ownership
N04.452.633.390.....Private Sector
N04.452.633.780.....Privatization
N04.452.633.890.....Public Sector
N04.452.653.....Patient Identification Systems
N04.452.653.250.....Health Smart Cards
N04.452.653.500.....Radio Frequency Identification Device
N04.452.677.....Personnel Management
N04.452.677.356.....Collective Bargaining
N04.452.677.358.....Employee Discipline
N04.452.677.362.....Employee Grievances
N04.452.677.368.....Employee Incentive Plans
N04.452.677.370.....Employee Performance Appraisal
N04.452.677.400.....Job Application
N04.452.677.410.....Job Description
N04.452.677.420.....Management Quality Circles
N04.452.677.430.....Negotiating
N04.452.677.440.....Personnel Administration, Hospital
N04.452.677.445.....Personnel Delegation
N04.452.677.450.....Personnel Downsizing
N04.452.677.460.....Personnel Loyalty
N04.452.677.500.....Personnel Selection
N04.452.677.650.....Personnel Staffing and Scheduling
N04.452.677.650.250.....Shift Work Schedule
N04.452.677.650.375.....Work Schedule Tolerance

## 2018 MeSH Tree Hierarchy

Tree location	
N04.452.677.650.438.....	Work-Life Balance
N04.452.677.650.500.....	Workload
N04.452.677.680.....	Personnel Turnover
N04.452.677.740.....	Physician Incentive Plans
N04.452.677.800.....	Salaries and Fringe Benefits
N04.452.677.800.162.....	Family Leave
N04.452.677.800.162.500.....	Parental Leave
N04.452.677.800.325.....	Health Benefit Plans, Employee
N04.452.677.800.325.300.....	Employee Retirement Income Security Act
N04.452.677.800.662.....	Sick Leave
N04.452.677.822.....	Staff Development
N04.452.677.842.....	Strikes, Employee
N04.452.677.896.....	Work Engagement
N04.452.677.975.....	Workplace
N04.452.706.....	Pharmacy Administration
N04.452.706.310.....	Drug and Narcotic Control
N04.452.706.310.500.....	Drug Recalls
N04.452.706.310.750.....	Safety-Based Drug Withdrawals
N04.452.706.477.....	Drug Utilization
N04.452.706.477.400.....	Drug Utilization Review
N04.452.706.477.400.500.....	Antimicrobial Stewardship
N04.452.718.....	Planning Techniques
N04.452.718.500.....	Strategic Planning
N04.452.758.....	Professional Practice
N04.452.758.244.....	Group Practice
N04.452.758.244.369.....	Group Practice, Dental
N04.452.758.244.400.....	Group Practice, Prepaid
N04.452.758.244.425.....	Health Maintenance Organizations
N04.452.758.244.450.....	Independent Practice Associations
N04.452.758.275.....	Hospital-Physician Relations
N04.452.758.275.500.....	Medical Staff Privileges
N04.452.758.307.....	House Calls
N04.452.758.367.....	Institutional Practice
N04.452.758.372.....	Management Service Organizations
N04.452.758.377.....	Nursing
N04.452.758.377.500.....	Nursing, Private Duty
N04.452.758.377.750.....	Nursing, Supervisory
N04.452.758.377.875.....	Office Nursing
N04.452.758.377.937.....	Telenursing
N04.452.758.377.968.....	Travel Nursing
N04.452.758.388.....	Nursing Faculty Practice



## 2018 MeSH Tree Hierarchy

Tree location
N04.452.758.635.....Office Visits
N04.452.758.635.500.....No-Show Patients
N04.452.758.671.....Partnership Practice
N04.452.758.671.589.....Partnership Practice, Dental
N04.452.758.708.....Practice Management
N04.452.758.708.200.....Office Management
N04.452.758.708.200.400.....Forms and Records Control
N04.452.758.708.200.400.500.....Clinical Coding
N04.452.758.708.300.....Practice Management, Dental
N04.452.758.708.450.....Practice Management, Medical
N04.452.758.708.450.500.....Concierge Medicine
N04.452.758.708.525.....Practice Management, Veterinary
N04.452.758.708.600.....Practice Valuation and Purchase
N04.452.758.745.....Private Practice
N04.452.758.745.225.....Fee-for-Service Plans
N04.452.758.745.450.....Independent Practice Associations
N04.452.758.752.....Professional Autonomy
N04.452.758.760.....Professional Corporations
N04.452.758.772.....Professional Practice Location
N04.452.758.788.....Professional Staff Committees
N04.452.758.788.300.....Ethics Committees
N04.452.758.788.300.500.....Ethics Committees, Clinical
N04.452.758.788.300.750.....Ethics Committees, Research
N04.452.758.788.682.....Pharmacy and Therapeutics Committee
N04.452.758.849.....Referral and Consultation
N04.452.758.849.174.....Ethics Consultation
N04.452.758.849.350.....Gatekeeping
N04.452.758.849.500.....Physician Self-Referral
N04.452.758.849.550.....Remote Consultation
N04.452.758.849.550.500.....Distance Counseling
N04.452.758.849.775.....Secondary Care
N04.452.758.849.887.....Tertiary Healthcare
N04.452.760.....Program Development
N04.452.794.....Public Health Administration
N04.452.822.....Public Relations
N04.452.822.070.....Anniversaries and Special Events
N04.452.822.210.....Community-Institutional Relations
N04.452.822.370.....Hospital-Patient Relations
N04.452.822.379.....Hospital-Physician Relations
N04.452.822.388.....Interdepartmental Relations
N04.452.822.400.....Interinstitutional Relations

## 2018 MeSH Tree Hierarchy

Tree location
N04.452.822.700.....Patient Satisfaction
N04.452.822.700.500.....Patient Preference
N04.452.859.....Records as Topic
N04.452.859.132.....Birth Certificates
N04.452.859.198.....Consent Forms
N04.452.859.264.....Death Certificates
N04.452.859.341.....Dental Records
N04.452.859.360.....Diet Records
N04.452.859.380.....Hospital Records
N04.452.859.564.....Medical Records
N04.452.859.564.137.....Administrative Claims, Healthcare
N04.452.859.564.274.....Clinical Coding
N04.452.859.564.550.....Medical Record Linkage
N04.452.859.564.600.....Medical Records, Problem-Oriented
N04.452.859.564.650.....Medical Records Systems, Computerized
N04.452.859.564.650.250.....Health Smart Cards
N04.452.859.564.650.500.....Medical Order Entry Systems
N04.452.859.564.725.....Patient Discharge Summaries
N04.452.859.564.800.....Trauma Severity Indices
N04.452.859.564.800.125.....Abbreviated Injury Scale
N04.452.859.564.800.250.....Glasgow Coma Scale
N04.452.859.564.800.260.....Glasgow Outcome Scale
N04.452.859.564.800.500.....Injury Severity Score
N04.452.859.675.....Nursing Records
N04.452.859.819.....Registries
N04.452.859.819.725.....SEER Program
N04.452.871.....Risk Management
N04.452.871.715.....Risk Assessment
N04.452.871.715.200.....Adverse Outcome Pathways
N04.452.871.715.400.....Healthcare Failure Mode and Effect Analysis
N04.452.871.715.800.....Risk Adjustment
N04.452.871.758.....Risk Evaluation and Mitigation
N04.452.871.800.....Risk Sharing, Financial
N04.452.871.900.....Safety Management
N04.452.871.900.500.....Material Safety Data Sheets
N04.452.910.....Security Measures
N04.452.910.099.....Biometric Identification
N04.452.910.200.....Computer Security
N04.452.910.200.500.....Data Anonymization
N04.452.932.....Time Management
N04.452.955.....Total Quality Management

## 2018 MeSH Tree Hierarchy

Tree location
N04.452.977.....Voluntary Programs
N04.590.....Patient Care Management
N04.590.233.....Comprehensive Health Care
N04.590.233.250.....Comprehensive Dental Care
N04.590.233.508.....Nursing Process
N04.590.233.508.480.....Nursing Assessment
N04.590.233.508.480.110.....Nursing Diagnosis
N04.590.233.508.613.....Nursing Research
N04.590.233.508.613.234.....Clinical Nursing Research
N04.590.233.508.613.385.....Nursing Administration Research
N04.590.233.508.613.413.....Nursing Education Research
N04.590.233.508.613.432.....Nursing Evaluation Research
N04.590.233.508.613.634.....Nursing Methodology Research
N04.590.233.624.....Patient Care Planning
N04.590.233.624.124.....Advance Care Planning
N04.590.233.624.124.050.....Advance Directives
N04.590.233.624.124.050.500.....Living Wills
N04.590.233.624.250.....Case Management
N04.590.233.624.625.....Critical Pathways
N04.590.233.727.....Primary Health Care
N04.590.233.727.210.....Continuity of Patient Care
N04.590.233.727.210.063.....Aftercare
N04.590.233.727.210.125.....Patient Discharge
N04.590.233.727.210.249.....Patient Handoff
N04.590.233.727.210.624.....Patient Transfer
N04.590.233.727.210.718.....Transition to Adult Care
N04.590.233.727.210.812.....Transitional Care
N04.590.233.727.407.....Patient-Centered Care
N04.590.233.727.407.250.....Narrative Medicine
N04.590.233.727.407.500.....Patient Navigation
N04.590.233.727.605.....Refusal to Treat
N04.590.233.799.....Progressive Patient Care
N04.590.254.....Crew Resource Management, Healthcare
N04.590.275.....Critical Pathways
N04.590.374.....Delivery of Health Care
N04.590.374.034.....After-Hours Care
N04.590.374.034.500.....Answering Services
N04.590.374.052.....Culturally Competent Care
N04.590.374.070.....Delegation, Professional
N04.590.374.142.....Delivery of Health Care, Integrated
N04.590.374.142.600.....Provider-Sponsored Organizations

## 2018 MeSH Tree Hierarchy

Tree location
N04.590.374.285.....Health Care Reform
N04.590.374.350.....Health Services Accessibility
N04.590.374.350.500.....Health Equity
N04.590.374.380.....Healthcare Disparities
N04.590.374.410.....Managed Care Programs
N04.590.374.410.175.....Competitive Medical Plans
N04.590.374.410.400.....Health Maintenance Organizations
N04.590.374.410.450.....Independent Practice Associations
N04.590.374.410.700.....Patient Freedom of Choice Laws
N04.590.374.410.750.....Preferred Provider Organizations
N04.590.374.410.875.....Provider-Sponsored Organizations
N04.590.374.505.....Practice Patterns, Dentists'
N04.590.374.553.....Practice Patterns, Nurses'
N04.590.374.577.....Practice Patterns, Physicians'
N04.590.374.600.....Product Line Management
N04.590.374.650.....Professional Practice Gaps
N04.590.374.700.....Safety-net Providers
N04.590.374.800.....Telemedicine
N04.590.374.800.550.....Remote Consultation
N04.590.374.800.600.....Telepathology
N04.590.374.800.700.....Teleradiology
N04.590.374.800.850.....Telerehabilitation
N04.590.374.900.....Uncompensated Care
N04.590.607.....Disease Management
N04.590.607.250.....Obesity Management
N04.590.607.500.....Pain Management
N04.590.656.....Medication Reconciliation
N04.590.661.....Medication Therapy Management
N04.590.715.....Patient Care Team
N04.590.715.550.....Hospital Rapid Response Team
N04.590.715.571.....Nursing, Team
N04.590.731.....Patient Selection
N04.590.874.....Point-of-Care Systems
N04.590.874.500.....Point-of-Care Testing
N04.761.....Quality of Health Care
N04.761.040.....Advance Directive Adherence
N04.761.210.....Clinical Competence
N04.761.337.....Guideline Adherence
N04.761.559.....Outcome and Process Assessment (Health Care)
N04.761.559.590.....Outcome Assessment (Health Care)
N04.761.559.590.200.....Failure to Rescue, Health Care

## 2018 MeSH Tree Hierarchy

Tree location	
N04.761.559.590.399.....	Patient Outcome Assessment
N04.761.559.590.399.250.....	Critical Care Outcomes
N04.761.559.590.399.500.....	Lysholm Knee Score
N04.761.559.590.399.750.....	Minimal Clinically Important Difference
N04.761.559.590.399.875.....	Patient Reported Outcome Measures
N04.761.559.590.800.....	Treatment Outcome
N04.761.559.590.800.379.....	Early Termination of Clinical Trials
N04.761.559.590.800.569.....	Response Evaluation Criteria in Solid Tumors
N04.761.559.590.800.665.....	Sustained Virologic Response
N04.761.559.590.800.713.....	Therapeutic Index
N04.761.559.590.800.713.500.....	Therapeutic Index, Drug
N04.761.559.590.800.760.....	Treatment Failure
N04.761.559.590.800.760.500.....	Failure to Rescue, Health Care
N04.761.559.590.900.....	Watchful Waiting
N04.761.559.650.....	Process Assessment (Health Care)
N04.761.616.....	Peer Review, Health Care
N04.761.673.....	Professional Review Organizations
N04.761.685.....	Program Evaluation
N04.761.685.150.....	Benchmarking
N04.761.700.....	Quality Assurance, Health Care
N04.761.700.075.....	Alert Fatigue, Health Personnel
N04.761.700.150.....	Benchmarking
N04.761.700.250.....	Clinical Audit
N04.761.700.250.295.....	Dental Audit
N04.761.700.250.500.....	Medical Audit
N04.761.700.250.500.100.....	Commission on Professional and Hospital Activities
N04.761.700.250.520.....	Nursing Audit
N04.761.700.350.....	Guidelines as Topic
N04.761.700.350.324.....	Codes of Ethics
N04.761.700.350.650.....	Practice Guidelines as Topic
N04.761.700.512.....	Laboratory Proficiency Testing
N04.761.700.594.....	Near Miss, Healthcare
N04.761.700.615.....	Potentially Inappropriate Medication List
N04.761.700.635.....	Time Out, Healthcare
N04.761.700.675.....	Total Quality Management
N04.761.744.....	Quality Improvement
N04.761.744.500.....	Meaningful Use
N04.761.744.750.....	Value-Based Insurance
N04.761.789.....	Quality Indicators, Health Care
N04.761.789.800.....	Risk Adjustment
N04.761.789.900.....	Standard of Care

## 2018 MeSH Tree Hierarchy

Tree location
N04.761.879.....Utilization Review
N04.761.879.200.....Concurrent Review
N04.761.879.300.....Drug Utilization Review
N04.761.879.300.500.....Antimicrobial Stewardship
N05.....Health Care Quality, Access, and Evaluation
N05.300.....Delivery of Health Care
N05.300.049.....After-Hours Care
N05.300.049.500.....Answering Services
N05.300.100.....Attitude of Health Personnel
N05.300.100.169.....Alert Fatigue, Health Personnel
N05.300.100.337.....Nurse's Role
N05.300.100.675.....Refusal to Treat
N05.300.125.....Attitude to Death
N05.300.150.....Attitude to Health
N05.300.150.395.....Health Services Misuse
N05.300.150.395.450.....Medical Overuse
N05.300.150.395.450.500.....Unnecessary Procedures
N05.300.150.410.....Health Knowledge, Attitudes, Practice
N05.300.150.800.....Treatment Adherence and Compliance
N05.300.150.800.500.....Patient Acceptance of Health Care
N05.300.150.800.500.600.....Patient Compliance
N05.300.150.800.500.600.500.....Medication Adherence
N05.300.150.800.500.600.750.....No-Show Patients
N05.300.150.800.500.610.....Patient Dropouts
N05.300.150.800.500.620.....Patient Participation
N05.300.150.800.625.....Patient Satisfaction
N05.300.150.800.625.500.....Patient Preference
N05.300.150.800.750.....Treatment Refusal
N05.300.150.800.750.500.....Vaccination Refusal
N05.300.206.....Culturally Competent Care
N05.300.262.....Delivery of Health Care, Integrated
N05.300.262.600.....Provider-Sponsored Organizations
N05.300.375.....Health Care Costs
N05.300.375.250.....Direct Service Costs
N05.300.375.300.....Drug Costs
N05.300.375.350.....Employer Health Costs
N05.300.375.500.....Hospital Costs
N05.300.380.....Health Care Reform
N05.300.380.500.....Accountable Care Organizations
N05.300.385.....Health Expenditures
N05.300.400.....Health Priorities

## 2018 MeSH Tree Hierarchy

Tree location	
N05.300.420.....	Health Resources
N05.300.420.400.....	Health Manpower
N05.300.420.700.....	Strategic Stockpile
N05.300.430.....	Health Services Accessibility
N05.300.430.375.....	Health Care Rationing
N05.300.430.383.....	Health Equity
N05.300.430.390.....	Health Facility Closure
N05.300.430.400.....	Health Facility Environment
N05.300.430.410.....	Health Facility Size
N05.300.430.500.....	Marketing of Health Services
N05.300.430.500.500.....	Social Marketing
N05.300.450.....	Health Services Needs and Demand
N05.300.450.520.....	Medically Underserved Area
N05.300.450.760.....	Surge Capacity
N05.300.493.....	Healthcare Disparities
N05.300.515.....	Medical Tourism
N05.300.537.....	Needs Assessment
N05.300.580.....	Practice Patterns, Dentists'
N05.300.581.....	Practice Patterns, Nurses'
N05.300.625.....	Practice Patterns, Physicians'
N05.300.643.....	Professional Practice Gaps
N05.300.660.....	Professional-Patient Relations
N05.300.660.325.....	Dentist-Patient Relations
N05.300.660.560.....	Nurse-Patient Relations
N05.300.660.625.....	Physician-Patient Relations
N05.300.745.....	Secondary Care
N05.300.787.....	Tertiary Healthcare
N05.300.830.....	Uncompensated Care
N05.350.....	Ethics
N05.350.100.....	Bioethical Issues
N05.350.200.....	Bioethics
N05.350.200.500.....	Ethics, Clinical
N05.350.213.....	Codes of Ethics
N05.350.213.249.....	Helsinki Declaration
N05.350.213.400.....	Hippocratic Oath
N05.350.219.....	Complicity
N05.350.225.....	Conflict of Interest
N05.350.225.500.....	Physician Self-Referral
N05.350.238.....	Double Effect Principle
N05.350.244.....	Ethical Analysis
N05.350.244.150.....	Casuistry

## 2018 MeSH Tree Hierarchy

Tree location
N05.350.244.750.....Retrospective Moral Judgment
N05.350.244.875.....Wedge Argument
N05.350.247.....Ethical Relativism
N05.350.250.....Ethical Review
N05.350.250.200.....Ethics Consultation
N05.350.256.....Ethical Theory
N05.350.262.....Ethicists
N05.350.268.....Ethics Committees
N05.350.268.500.....Ethics Committees, Clinical
N05.350.268.750.....Ethics Committees, Research
N05.350.297.....Ethics, Business
N05.350.325.....Ethics, Institutional
N05.350.340.....Ethics, Professional
N05.350.340.080.....Codes of Ethics
N05.350.340.080.249.....Helsinki Declaration
N05.350.340.162.....Ethics, Clinical
N05.350.340.162.249.....Ethics, Dental
N05.350.340.162.500.....Ethics, Medical
N05.350.340.162.500.500.....Hippocratic Oath
N05.350.340.162.500.750.....Therapeutic Equipoise
N05.350.340.162.750.....Ethics, Nursing
N05.350.340.162.875.....Ethics, Pharmacy
N05.350.340.581.....Professionalism
N05.350.670.....Ethics, Research
N05.350.670.250.....Censorship, Research
N05.350.670.500.....Helsinki Declaration
N05.350.670.750.....Therapeutic Equipoise
N05.350.670.875.....Therapeutic Misconception
N05.350.835.....Humanism
N05.350.917.....Personhood
N05.350.958.....Principle-Based Ethics
N05.350.958.500.....Beneficence
N05.350.958.650.....Personal Autonomy
N05.350.958.750.....Social Justice
N05.350.979.....Professional Misconduct
N05.350.979.500.....Scientific Misconduct
N05.425.....Health Services Research
N05.425.104.....Community-Based Participatory Research
N05.425.157.....Comparative Effectiveness Research
N05.425.184.....Global Burden of Disease
N05.425.210.....Health Care Surveys



## 2018 MeSH Tree Hierarchy

Tree location
N05.425.210.500.....Patient Reported Outcome Measures
N05.632.....Public Health Systems Research
N05.700.....Quality Assurance, Health Care
N05.700.075.....Alert Fatigue, Health Personnel
N05.700.150.....Benchmarking
N05.700.175.....Clinical Audit
N05.700.175.250.....Dental Audit
N05.700.175.500.....Medical Audit
N05.700.175.500.200.....Commission on Professional and Hospital Activities
N05.700.175.520.....Nursing Audit
N05.700.200.....Credentialing
N05.700.200.100.....Accreditation
N05.700.200.100.420.....Joint Commission on Accreditation of Healthcare Organizations
N05.700.200.190.....Certification
N05.700.200.190.750.....Specialty Boards
N05.700.200.450.....Licensure
N05.700.200.450.300.....Licensure, Dental
N05.700.200.450.380.....Licensure, Hospital
N05.700.200.450.500.....Licensure, Medical
N05.700.200.450.550.....Licensure, Nursing
N05.700.200.450.625.....Licensure, Pharmacy
N05.700.300.....Facility Regulation and Control
N05.700.350.....Guidelines as Topic
N05.700.350.324.....Codes of Ethics
N05.700.350.650.....Practice Guidelines as Topic
N05.700.513.....Near Miss, Healthcare
N05.700.594.....Potentially Inappropriate Medication List
N05.700.675.....Professional Review Organizations
N05.700.685.....Professional Staff Committees
N05.700.685.149.....Clinical Trials Data Monitoring Committees
N05.700.685.300.....Ethics Committees
N05.700.685.300.500.....Ethics Committees, Clinical
N05.700.685.300.750.....Ethics Committees, Research
N05.700.685.625.....Pharmacy and Therapeutics Committee
N05.700.739.....Time Out, Healthcare
N05.700.792.....Total Quality Management
N05.700.900.....Utilization Review
N05.700.900.200.....Concurrent Review
N05.700.900.300.....Drug Utilization Review
N05.700.900.300.500.....Antimicrobial Stewardship
N05.715.....Quality of Health Care

## 2018 MeSH Tree Hierarchy

Tree location
N05.715.175.....Clinical Competence
N05.715.350.....Epidemiologic Factors
N05.715.350.075.....Age Factors
N05.715.350.075.100.....Age of Onset
N05.715.350.075.550.....Maternal Age
N05.715.350.150.....Bias
N05.715.350.150.675.....Observer Variation
N05.715.350.150.775.....Selection Bias
N05.715.350.200.....Causality
N05.715.350.200.650.....Precipitating Factors
N05.715.350.200.675.....Protective Factors
N05.715.350.200.700.....Risk Factors
N05.715.350.225.....Comorbidity
N05.715.350.225.500.....Multimorbidity
N05.715.350.240.....Confounding Factors (Epidemiology)
N05.715.350.350.....Effect Modifier, Epidemiologic
N05.715.350.350.225.....Cohort Effect
N05.715.350.350.375.....Healthy Worker Effect
N05.715.350.350.625.....Placebo Effect
N05.715.350.350.625.500.....Nocebo Effect
N05.715.350.575.....Reproductive History
N05.715.350.675.....Sex Factors
N05.715.360.....Health Care Evaluation Mechanisms
N05.715.360.300.....Data Collection
N05.715.360.300.179.....Checklist
N05.715.360.300.202.....Data Accuracy
N05.715.360.300.202.500.....Scientific Experimental Error
N05.715.360.300.224.....Datasets as Topic
N05.715.360.300.269.....Focus Groups
N05.715.360.300.360.....Geriatric Assessment
N05.715.360.300.400.....Interviews as Topic
N05.715.360.300.480.....Narration
N05.715.360.300.560.....Nutrition Assessment
N05.715.360.300.638.....Preliminary Data
N05.715.360.300.715.....Records as Topic
N05.715.360.300.715.175.....Birth Certificates
N05.715.360.300.715.245.....Consent Forms
N05.715.360.300.715.315.....Death Certificates
N05.715.360.300.715.330.....Dental Records
N05.715.360.300.715.380.....Hospital Records
N05.715.360.300.715.500.....Medical Records

## 2018 MeSH Tree Hierarchy

Tree location
N05.715.360.300.715.500.249.....Clinical Coding
N05.715.360.300.715.500.500.....Medical Record Linkage
N05.715.360.300.715.500.520.....Medical Records, Problem-Oriented
N05.715.360.300.715.500.530.....Medical Records Systems, Computerized
N05.715.360.300.715.500.530.500.....Health Smart Cards
N05.715.360.300.715.500.665.....Patient Discharge Summaries
N05.715.360.300.715.500.800.....Trauma Severity Indices
N05.715.360.300.715.500.800.100.....Abbreviated Injury Scale
N05.715.360.300.715.500.800.325.....Glasgow Coma Scale
N05.715.360.300.715.500.800.335.....Glasgow Outcome Scale
N05.715.360.300.715.500.800.400.....Injury Severity Score
N05.715.360.300.715.550.....Nursing Records
N05.715.360.300.715.700.....Registries
N05.715.360.300.715.700.725.....SEER Program
N05.715.360.300.800.....Surveys and Questionnaires
N05.715.360.300.800.313.....Contraceptive Prevalence Surveys
N05.715.360.300.800.344.....Health Care Surveys
N05.715.360.300.800.344.500.....Patient Reported Outcome Measures
N05.715.360.300.800.438.....Health Surveys
N05.715.360.300.800.438.149.....Behavioral Risk Factor Surveillance System
N05.715.360.300.800.438.300.....Dental Health Surveys
N05.715.360.300.800.438.300.325.....Dental Plaque Index
N05.715.360.300.800.438.300.340.....DMF Index
N05.715.360.300.800.438.300.505.....Index of Orthodontic Treatment Need
N05.715.360.300.800.438.300.670.....Oral Hygiene Index
N05.715.360.300.800.438.300.690.....Periodontal Index
N05.715.360.300.800.438.375.....Health Status Indicators
N05.715.360.300.800.438.375.182.....Cost of Illness
N05.715.360.300.800.438.375.364.....Patient Acuity
N05.715.360.300.800.438.375.364.500.....Severity of Illness Index
N05.715.360.300.800.438.375.364.500.250.....APACHE
N05.715.360.300.800.438.375.364.500.500.....Karnofsky Performance Status
N05.715.360.300.800.438.375.364.500.625.....Organ Dysfunction Scores
N05.715.360.300.800.438.375.364.500.750.....Simplified Acute Physiology Score
N05.715.360.300.800.438.375.730.....Sickness Impact Profile
N05.715.360.300.800.438.500.....Mass Screening
N05.715.360.300.800.438.500.174.....Anonymous Testing
N05.715.360.300.800.438.500.500.....Mass Chest X-Ray
N05.715.360.300.800.438.500.540.....Multiphasic Screening
N05.715.360.300.800.438.500.575.....Neonatal Screening
N05.715.360.300.800.438.500.825.....Vision Screening

## 2018 MeSH Tree Hierarchy

Tree location
N05.715.360.300.800.438.625.....Population Surveillance
N05.715.360.300.800.438.625.324.....Public Health Surveillance
N05.715.360.300.800.438.625.650.....Sentinel Surveillance
N05.715.360.300.800.469.....Nutrition Surveys
N05.715.360.300.800.469.300.....Diet Surveys
N05.715.360.300.800.485.....Patient Health Questionnaire
N05.715.360.300.800.500.....Self Report
N05.715.360.317.....Advance Directive Adherence
N05.715.360.335.....Evaluation Studies as Topic
N05.715.360.335.500.....Validation Studies as Topic
N05.715.360.395.....Guideline Adherence
N05.715.360.425.....Independent Medical Evaluation
N05.715.360.455.....Organizational Case Studies
N05.715.360.575.....Outcome and Process Assessment (Health Care)
N05.715.360.575.575.....Outcome Assessment (Health Care)
N05.715.360.575.575.200.....Critical Care Outcomes
N05.715.360.575.575.300.....Failure to Rescue, Health Care
N05.715.360.575.575.399.....Patient Outcome Assessment
N05.715.360.575.575.399.250.....Critical Care Outcomes
N05.715.360.575.575.399.500.....Lysholm Knee Score
N05.715.360.575.575.399.750.....Minimal Clinically Important Difference
N05.715.360.575.575.399.875.....Patient Reported Outcome Measures
N05.715.360.575.575.800.....Treatment Outcome
N05.715.360.575.575.800.379.....Early Termination of Clinical Trials
N05.715.360.575.575.800.569.....Response Evaluation Criteria in Solid Tumors
N05.715.360.575.575.800.665.....Sustained Virologic Response
N05.715.360.575.575.800.760.....Treatment Failure
N05.715.360.575.575.800.760.500.....Failure to Rescue, Health Care
N05.715.360.575.625.....Process Assessment (Health Care)
N05.715.360.600.....Patient Satisfaction
N05.715.360.650.....Program Evaluation
N05.715.360.650.150.....Benchmarking
N05.715.360.700.....Root Cause Analysis
N05.715.360.750.....Statistics as Topic
N05.715.360.750.100.....Actuarial Analysis
N05.715.360.750.125.....Analysis of Variance
N05.715.360.750.125.500.....Multivariate Analysis
N05.715.360.750.200.....Cluster Analysis
N05.715.360.750.200.750.....Small-Area Analysis
N05.715.360.750.200.775.....Space-Time Clustering
N05.715.360.750.220.....Confidence Intervals

## 2018 MeSH Tree Hierarchy

Tree location
N05.715.360.750.300.....Data Interpretation, Statistical
N05.715.360.750.325.....Discriminant Analysis
N05.715.360.750.350.....Factor Analysis, Statistical
N05.715.360.750.500.....Matched-Pair Analysis
N05.715.360.750.530.....Models, Statistical
N05.715.360.750.530.450.....Likelihood Functions
N05.715.360.750.530.460.....Linear Models
N05.715.360.750.530.480.....Logistic Models
N05.715.360.750.530.500.....Models, Economic
N05.715.360.750.530.500.500.....Models, Econometric
N05.715.360.750.530.530.....Nomograms
N05.715.360.750.530.650.....Proportional Hazards Models
N05.715.360.750.540.....Monte Carlo Method
N05.715.360.750.625.....Probability
N05.715.360.750.625.150.....Bayes Theorem
N05.715.360.750.625.450.....Likelihood Functions
N05.715.360.750.625.500.....Markov Chains
N05.715.360.750.625.590.....Odds Ratio
N05.715.360.750.625.620.....Propensity Score
N05.715.360.750.625.650.....Proportional Hazards Models
N05.715.360.750.625.700.....Risk
N05.715.360.750.625.700.450.....Logistic Models
N05.715.360.750.625.700.570.....Protective Factors
N05.715.360.750.625.700.690.....Risk Assessment
N05.715.360.750.625.700.690.400.....Healthcare Failure Mode and Effect Analysis
N05.715.360.750.625.700.690.800.....Risk Adjustment
N05.715.360.750.625.700.700.....Risk Factors
N05.715.360.750.625.850.....Uncertainty
N05.715.360.750.695.....Regression Analysis
N05.715.360.750.695.440.....Least-Squares Analysis
N05.715.360.750.695.460.....Linear Models
N05.715.360.750.695.470.....Logistic Models
N05.715.360.750.695.650.....Proportional Hazards Models
N05.715.360.750.695.825.....Spatial Regression
N05.715.360.750.725.....Sensitivity and Specificity
N05.715.360.750.725.500.....Limit of Detection
N05.715.360.750.725.750.....Signal-To-Noise Ratio
N05.715.360.750.746.....Spatial Analysis
N05.715.360.750.746.249.....Geographic Mapping
N05.715.360.750.746.375.....Spatial Regression
N05.715.360.750.746.500.....Spatio-Temporal Analysis

## 2018 MeSH Tree Hierarchy

Tree location	
N05.715.360.750.750.....	Statistical Distributions
N05.715.360.750.750.150.....	Binomial Distribution
N05.715.360.750.750.200.....	Chi-Square Distribution
N05.715.360.750.750.565.....	Normal Distribution
N05.715.360.750.750.620.....	Poisson Distribution
N05.715.360.750.760.....	Statistics, Nonparametric
N05.715.360.750.770.....	Stochastic Processes
N05.715.360.750.770.500.....	Markov Chains
N05.715.360.750.795.....	Survival Analysis
N05.715.360.750.795.300.....	Disease-Free Survival
N05.715.360.750.795.650.....	Kaplan-Meier Estimate
N05.715.360.750.795.825.....	Proportional Hazards Models
N05.715.360.775.....	Epidemiologic Study Characteristics
N05.715.360.775.088.....	Clinical Studies as Topic
N05.715.360.775.088.500.....	Clinical Trials as Topic
N05.715.360.775.088.500.100.....	Adaptive Clinical Trials as Topic
N05.715.360.775.088.500.200.....	Clinical Trials, Phase I as Topic
N05.715.360.775.088.500.210.....	Clinical Trials, Phase II as Topic
N05.715.360.775.088.500.220.....	Clinical Trials, Phase III as Topic
N05.715.360.775.088.500.230.....	Clinical Trials, Phase IV as Topic
N05.715.360.775.088.500.387.....	Controlled Clinical Trials as Topic
N05.715.360.775.088.500.387.250.....	Non-Randomized Controlled Trials as Topic
N05.715.360.775.088.500.387.500.....	Randomized Controlled Trials as Topic
N05.715.360.775.088.500.387.500.250.....	Equivalence Trials as Topic
N05.715.360.775.088.500.387.500.500.....	Intention to Treat Analysis
N05.715.360.775.088.500.387.500.750.....	Pragmatic Clinical Trials as Topic
N05.715.360.775.088.750.....	Observational Studies as Topic
N05.715.360.775.175.....	Epidemiologic Studies
N05.715.360.775.175.200.....	Case-Control Studies
N05.715.360.775.175.200.710.....	Retrospective Studies
N05.715.360.775.175.250.....	Cohort Studies
N05.715.360.775.175.250.350.....	Follow-Up Studies
N05.715.360.775.175.250.450.....	Longitudinal Studies
N05.715.360.775.175.250.450.500.....	National Longitudinal Study of Adolescent Health
N05.715.360.775.175.250.630.....	Prospective Studies
N05.715.360.775.175.250.815.....	Retrospective Studies
N05.715.360.775.175.262.....	Controlled Before-After Studies
N05.715.360.775.175.275.....	Cross-Sectional Studies
N05.715.360.775.175.537.....	Interrupted Time Series Analysis
N05.715.360.775.175.800.....	Seroepidemiologic Studies
N05.715.360.775.175.800.375.....	HIV Seroprevalence

## 2018 MeSH Tree Hierarchy

Tree location	
N05.715.360.775.225.....	Clinical Protocols
N05.715.360.775.225.500.....	Antineoplastic Protocols
N05.715.360.775.225.750.....	Standing Orders
N05.715.360.775.350.....	Feasibility Studies
N05.715.360.775.508.....	Multicenter Studies as Topic
N05.715.360.775.625.....	Pilot Projects
N05.715.360.775.700.....	Sampling Studies
N05.715.360.775.700.500.....	Lot Quality Assurance Sampling
N05.715.360.775.750.....	Twin Studies as Topic
N05.715.360.780.....	Epidemiologic Research Design
N05.715.360.780.150.....	Cross-Over Studies
N05.715.360.780.320.....	Double-Blind Method
N05.715.360.780.500.....	Matched-Pair Analysis
N05.715.360.780.515.....	Meta-Analysis as Topic
N05.715.360.780.515.500.....	Network Meta-Analysis
N05.715.360.780.675.....	Random Allocation
N05.715.360.780.685.....	Reproducibility of Results
N05.715.360.780.685.250.....	Data Accuracy
N05.715.360.780.685.500.....	Dimensional Measurement Accuracy
N05.715.360.780.692.....	Sample Size
N05.715.360.780.700.....	Sensitivity and Specificity
N05.715.360.780.700.640.....	Predictive Value of Tests
N05.715.360.780.700.680.....	ROC Curve
N05.715.360.780.700.840.....	Signal-To-Noise Ratio
N05.715.360.780.730.....	Single-Blind Method
N05.715.360.825.....	Technology Assessment, Biomedical
N05.715.520.....	Narrative Medicine
N05.715.680.....	Peer Review, Health Care
N05.715.840.....	Standard of Care
N05.715.840.500.....	Patient Handoff
N06.....	Environment and Public Health
N06.230.....	Environment
N06.230.058.....	Altitude
N06.230.063.....	Carbon Footprint
N06.230.066.....	Caves
N06.230.069.....	Cities
N06.230.074.....	Confined Spaces
N06.230.080.....	Conservation of Natural Resources
N06.230.080.078.....	Conservation of Energy Resources
N06.230.080.200.....	Endangered Species
N06.230.080.600.....	Environmental Restoration and Remediation

## 2018 MeSH Tree Hierarchy

Tree location	
N06.230.080.600.500.....	Biodegradation, Environmental
N06.230.080.800.....	Conservation of Water Resources
N06.230.100.....	Disasters
N06.230.100.035.....	Disaster Planning
N06.230.100.035.500.....	Strategic Stockpile
N06.230.100.083.....	Emergencies
N06.230.100.121.....	Emergency Shelter
N06.230.100.160.....	Mass Casualty Incidents
N06.230.100.300.....	Relief Work
N06.230.100.350.....	Rescue Work
N06.230.124.....	Ecosystem
N06.230.124.049.....	Biodiversity
N06.230.124.049.100.....	Biota
N06.230.124.049.100.500.....	Microbiota
N06.230.124.049.100.500.250.....	Gastrointestinal Microbiome
N06.230.124.049.100.500.500.....	Microbial Consortia
N06.230.124.049.100.500.750.....	Mycobiome
N06.230.124.049.100.500.875.....	Periphyton
N06.230.124.049.230.....	Ecotype
N06.230.124.049.250.....	Endangered Species
N06.230.124.049.400.....	Introduced Species
N06.230.124.100.....	Biomass
N06.230.124.130.....	Coral Reefs
N06.230.124.240.....	Ecological Systems, Closed
N06.230.124.250.....	Food Chain
N06.230.124.343.....	Forests
N06.230.124.343.500.....	Rainforest
N06.230.124.343.750.....	Taiga
N06.230.124.390.....	Grassland
N06.230.124.437.....	Rhizosphere
N06.230.124.531.....	Tundra
N06.230.124.531.500.....	Permafrost
N06.230.124.625.....	Wetlands
N06.230.132.....	Energy-Generating Resources
N06.230.132.258.....	Fossil Fuels
N06.230.132.258.108.....	Coal
N06.230.132.258.108.110.....	Coke
N06.230.132.258.369.....	Natural Gas
N06.230.132.258.630.....	Petroleum
N06.230.132.258.630.500.....	Fuel Oils
N06.230.132.258.630.540.....	Gasoline



## 2018 MeSH Tree Hierarchy

Tree location
N06.230.132.258.630.600.....Kerosene
N06.230.132.580.....Nuclear Energy
N06.230.132.580.500.....Nuclear Fission
N06.230.132.580.520.....Nuclear Fusion
N06.230.132.644.....Renewable Energy
N06.230.132.644.124.....Biofuels
N06.230.132.644.186.....Geothermal Energy
N06.230.132.644.500.....Solar Energy
N06.230.132.644.750.....Water Movements
N06.230.132.644.750.500.....Tidal Waves
N06.230.132.644.875.....Wind
N06.230.150.....Environment, Controlled
N06.230.150.050.....Air Conditioning
N06.230.150.150.....Diving
N06.230.150.225.....Ecological Systems, Closed
N06.230.150.300.....Heating
N06.230.150.360.....Housing
N06.230.150.360.250.....Housing, Animal
N06.230.150.360.250.200.....Hospitals, Animal
N06.230.150.360.260.....Housing for the Elderly
N06.230.150.360.650.....Public Housing
N06.230.150.372.....Humidity
N06.230.150.391.....Life Support Systems
N06.230.150.410.....Lighting
N06.230.150.440.....Space Simulation
N06.230.150.440.950.....Weightlessness Simulation
N06.230.150.440.950.400.....Hindlimb Suspension
N06.230.150.450.....Temperature
N06.230.150.520.....Ventilation
N06.230.200.....Environment Design
N06.230.204.....Environmental Policy
N06.230.208.....Explosions
N06.230.216.....Fires
N06.230.216.500.....Fire Extinguishing Systems
N06.230.216.750.....Spontaneous Combustion
N06.230.216.875.....Wildfires
N06.230.232.....Fresh Water
N06.230.232.500.....Lakes
N06.230.232.625.....Ponds
N06.230.232.650.....Rivers
N06.230.265.....Greenhouse Effect

## 2018 MeSH Tree Hierarchy

Tree location
N06.230.291.....Ice
N06.230.291.500.....Ice Cover
N06.230.295.....Islands
N06.230.300.....Meteorological Concepts
N06.230.300.100.....Atmosphere
N06.230.300.100.150.....Air
N06.230.300.100.150.100.....Air Ionization
N06.230.300.100.150.185.....Air Movements
N06.230.300.100.150.185.200.....Wind
N06.230.300.100.150.592.....Compressed Air
N06.230.300.100.185.....Atmospheric Pressure
N06.230.300.100.185.100.....Air Pressure
N06.230.300.100.185.902.....Vacuum
N06.230.300.100.250.....Climate
N06.230.300.100.250.275.....Cold Climate
N06.230.300.100.250.325.....Desert Climate
N06.230.300.100.250.450.....Microclimate
N06.230.300.100.250.525.....Seasons
N06.230.300.100.250.600.....Tropical Climate
N06.230.300.100.300.....Cosmic Radiation
N06.230.300.100.700.....Stratospheric Ozone
N06.230.300.100.700.500.....Ozone Depletion
N06.230.300.100.725.....Weather
N06.230.300.100.725.154.....Cold Temperature
N06.230.300.100.725.154.500.....Extreme Cold
N06.230.300.100.725.232.....Hot Temperature
N06.230.300.100.725.232.500.....Extreme Heat
N06.230.300.100.725.310.....Humidity
N06.230.300.100.725.375.....Lightning
N06.230.300.100.725.450.....Rain
N06.230.300.100.725.450.050.....Acid Rain
N06.230.300.100.725.480.....Snow
N06.230.300.100.725.525.....Sunlight
N06.230.300.100.725.525.400.....Infrared Rays
N06.230.300.100.725.525.600.....Ultraviolet Rays
N06.230.300.100.725.710.....Temperature
N06.230.300.100.725.710.300.....Cold Temperature
N06.230.300.100.725.710.300.500.....Extreme Cold
N06.230.300.100.725.710.380.....Hot Temperature
N06.230.300.100.725.710.380.500.....Extreme Heat
N06.230.300.100.725.780.....Wind

## 2018 MeSH Tree Hierarchy

Tree location
N06.230.350.....Natural Resources
N06.230.350.500.....Water Resources
N06.230.400.....Noise
N06.230.400.500.....Noise, Occupational
N06.230.400.550.....Noise, Transportation
N06.230.480.....Odorants
N06.230.520.....Rain
N06.230.520.050.....Acid Rain
N06.230.600.....Soil
N06.230.600.500.....Permafrost
N06.230.650.....Steam
N06.230.750.....Structure Collapse
N06.230.850.....Water Movements
N06.850.....Public Health
N06.850.135.....Accidents
N06.850.135.060.....Accident Prevention
N06.850.135.060.075.....Safety
N06.850.135.060.075.199.....Chemical Safety
N06.850.135.060.075.249.....Containment of Biohazards
N06.850.135.060.075.299.....Hazard Analysis and Critical Control Points
N06.850.135.060.075.349.....Patient Harm
N06.850.135.060.075.399.....Patient Safety
N06.850.135.060.075.800.....Safety Management
N06.850.135.060.075.800.500.....Material Safety Data Sheets
N06.850.135.122.....Accidental Falls
N06.850.135.185.....Accidents, Aviation
N06.850.135.190.....Biohazard Release
N06.850.135.190.500.....Sverdlovsk Accidental Release
N06.850.135.195.....Chemical Hazard Release
N06.850.135.195.249.....Bhopal Accidental Release
N06.850.135.195.500.....Seveso Accidental Release
N06.850.135.217.....Accidents, Home
N06.850.135.240.....Accidents, Occupational
N06.850.135.392.....Accidents, Traffic
N06.850.135.696.....Drowning
N06.850.135.696.500.....Near Drowning
N06.850.135.848.....Radioactive Hazard Release
N06.850.135.848.500.....Chernobyl Nuclear Accident
N06.850.135.848.750.....Fukushima Nuclear Accident
N06.850.160.....Carrier State
N06.850.210.....Consumer Product Safety

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.210.275.....Device Approval
N06.850.210.275.500.....Diagnostic Test Approval
N06.850.210.637.....Product Recalls and Withdrawals
N06.850.210.637.200.....Drug Recalls
N06.850.210.637.500.....Medical Device Recalls
N06.850.210.637.700.....Safety-Based Drug Withdrawals
N06.850.210.637.750.....Safety-Based Medical Device Withdrawals
N06.850.275.....Disease Eradication
N06.850.275.500.....Mass Drug Administration
N06.850.290.....Disease Outbreaks
N06.850.290.200.....Epidemics
N06.850.290.200.600.....Pandemics
N06.850.295.....Disease Reservoirs
N06.850.295.300.....Fomites
N06.850.310.....Disease Transmission, Infectious
N06.850.310.149.....Basic Reproduction Number
N06.850.310.350.....Disease Vectors
N06.850.310.350.100.....Arthropod Vectors
N06.850.310.350.100.100.....Arachnid Vectors
N06.850.310.350.100.500.....Insect Vectors
N06.850.310.350.100.500.500.....Mosquito Vectors
N06.850.310.405.....Infectious Disease Incubation Period
N06.850.310.410.....Infectious Disease Transmission, Patient-to-Professional
N06.850.310.415.....Infectious Disease Transmission, Professional-to-Patient
N06.850.310.425.....Infectious Disease Transmission, Vertical
N06.850.360.....Drug Contamination
N06.850.376.....Emergencies
N06.850.392.....Endemic Diseases
N06.850.420.....Environmental Medicine
N06.850.425.....Environmental Microbiology
N06.850.425.110.....Air Microbiology
N06.850.425.200.....Food Microbiology
N06.850.425.300.....Soil Microbiology
N06.850.425.450.....Water Microbiology
N06.850.460.....Environmental Pollution
N06.850.460.100.....Air Pollution
N06.850.460.100.080.....Air Pollution, Indoor
N06.850.460.100.110.....Air Pollution, Radioactive
N06.850.460.100.555.....Tobacco Smoke Pollution
N06.850.460.150.....Biofouling
N06.850.460.200.....Body Burden

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.460.200.250.....Drug Residues
N06.850.460.200.700.....Pesticide Residues
N06.850.460.350.....Environmental Exposure
N06.850.460.350.040.....Dietary Exposure
N06.850.460.350.080.....Environmental Monitoring
N06.850.460.350.080.250.....Environmental Biomarkers
N06.850.460.350.080.500.....Biological Oxygen Demand Analysis
N06.850.460.350.080.750.....Water Quality
N06.850.460.350.112.....Inhalation Exposure
N06.850.460.350.145.....Maternal Exposure
N06.850.460.350.210.....Maximum Allowable Concentration
N06.850.460.350.600.....Occupational Exposure
N06.850.460.350.600.615.....Maximum Allowable Concentration
N06.850.460.350.600.807.....Threshold Limit Values
N06.850.460.350.600.903.....War Exposure
N06.850.460.350.600.903.500.....War-Related Injuries
N06.850.460.350.700.....Paternal Exposure
N06.850.460.350.850.....Radiation Exposure
N06.850.460.350.850.500.....Radiation Injuries
N06.850.460.350.850.500.031.....Abnormalities, Radiation-Induced
N06.850.460.350.850.500.158.....Acute Radiation Syndrome
N06.850.460.350.850.500.285.....Radiation Injuries, Experimental
N06.850.460.375.....Environmental Restoration and Remediation
N06.850.460.375.500.....Biodegradation, Environmental
N06.850.460.400.....Food Contamination
N06.850.460.400.250.....Food Contamination, Radioactive
N06.850.460.400.300.....Food Microbiology
N06.850.460.400.650.....Food Parasitology
N06.850.460.610.....Noise
N06.850.460.610.526.....Noise, Occupational
N06.850.460.610.680.....Noise, Transportation
N06.850.460.660.....Petroleum Pollution
N06.850.460.710.....Waste Products
N06.850.460.710.189.....Electronic Waste
N06.850.460.710.380.....Hazardous Waste
N06.850.460.710.380.638.....Radioactive Waste
N06.850.460.710.420.....Industrial Waste
N06.850.460.710.460.....Medical Waste
N06.850.460.710.460.150.....Dental Waste
N06.850.460.710.460.300.....Medical Waste Disposal
N06.850.460.710.730.....Solid Waste

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.460.710.865.....Waste Water
N06.850.460.790.....Water Pollution
N06.850.460.790.205.....Non-Point Source Pollution
N06.850.460.790.410.....Water Pollution, Chemical
N06.850.460.790.410.050.....Acid Rain
N06.850.460.790.460.....Water Pollution, Radioactive
N06.850.460.790.730.....Water Quality
N06.850.490.....Epidemiologic Factors
N06.850.490.250.....Age Factors
N06.850.490.250.100.....Age of Onset
N06.850.490.250.550.....Maternal Age
N06.850.490.500.....Bias
N06.850.490.500.250.....Observer Variation
N06.850.490.500.500.....Selection Bias
N06.850.490.625.....Causality
N06.850.490.625.500.....Precipitating Factors
N06.850.490.625.625.....Protective Factors
N06.850.490.625.750.....Risk Factors
N06.850.490.687.....Comorbidity
N06.850.490.687.500.....Multimorbidity
N06.850.490.718.....Confounding Factors (Epidemiology)
N06.850.490.734.....Effect Modifier, Epidemiologic
N06.850.490.734.500.....Cohort Effect
N06.850.490.734.750.....Healthy Worker Effect
N06.850.490.734.875.....Placebo Effect
N06.850.490.734.875.500.....Nocebo Effect
N06.850.490.812.....Reproductive History
N06.850.490.812.250.....Gravidity
N06.850.490.812.600.....Parity
N06.850.490.875.....Sex Factors
N06.850.505.....Epidemiologic Measurements
N06.850.505.200.....Biometry
N06.850.505.200.100.....Anthropometry
N06.850.505.200.100.175.....Body Mass Index
N06.850.505.200.100.300.....Cephalometry
N06.850.505.200.100.400.....Crown-Rump Length
N06.850.505.200.100.700.....Kinanthropometry
N06.850.505.400.....Demography
N06.850.505.400.050.....Age Distribution
N06.850.505.400.225.....Censuses
N06.850.505.400.400.....Family Characteristics

## 2018 MeSH Tree Hierarchy

Tree location	
N06.850.505.400.400.160.....	Birth Order
N06.850.505.400.425.....	Health Status
N06.850.505.400.425.350.....	Geriatric Assessment
N06.850.505.400.425.675.....	Health Status Disparities
N06.850.505.400.425.837.....	Quality of Life
N06.850.505.400.600.....	Population Density
N06.850.505.400.700.....	Population Dynamics
N06.850.505.400.700.400.....	Health Transition
N06.850.505.400.700.525.....	Human Migration
N06.850.505.400.700.525.500.....	Emigration and Immigration
N06.850.505.400.700.650.....	Population Control
N06.850.505.400.700.660.....	Population Growth
N06.850.505.400.800.....	Residence Characteristics
N06.850.505.400.800.200.....	Catchment Area (Health)
N06.850.505.400.800.400.....	Housing
N06.850.505.400.800.550.....	Independent Living
N06.850.505.400.850.....	Sex Distribution
N06.850.505.400.850.815.....	Sex Ratio
N06.850.505.400.975.....	Vital Statistics
N06.850.505.400.975.450.....	Life Expectancy
N06.850.505.400.975.475.....	Life Tables
N06.850.505.400.975.525.....	Morbidity
N06.850.505.400.975.525.080.....	Basic Reproduction Number
N06.850.505.400.975.525.375.....	Incidence
N06.850.505.400.975.525.750.....	Prevalence
N06.850.505.400.975.550.....	Mortality
N06.850.505.400.975.550.250.....	Cause of Death
N06.850.505.400.975.550.287.....	Child Mortality
N06.850.505.400.975.550.325.....	Fatal Outcome
N06.850.505.400.975.550.362.....	Fetal Mortality
N06.850.505.400.975.550.400.....	Hospital Mortality
N06.850.505.400.975.550.475.....	Infant Mortality
N06.850.505.400.975.550.475.500.....	Perinatal Mortality
N06.850.505.400.975.550.500.....	Maternal Mortality
N06.850.505.400.975.550.550.....	Mortality, Premature
N06.850.505.400.975.550.900.....	Survival Rate
N06.850.505.400.975.775.....	Pregnancy Rate
N06.850.505.400.975.775.500.....	Birth Rate
N06.850.505.557.....	Nutrition Assessment
N06.850.505.616.....	Nutrition Surveys
N06.850.505.616.300.....	Diet Surveys

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.505.636.....Pharmacovigilance
N06.850.505.715.....Risk Assessment
N06.850.505.715.250.....Adverse Outcome Pathways
N06.850.505.715.500.....Healthcare Failure Mode and Effect Analysis
N06.850.505.715.750.....Risk Evaluation and Mitigation
N06.850.520.....Epidemiologic Methods
N06.850.520.270.....Contact Tracing
N06.850.520.308.....Data Collection
N06.850.520.308.056.....Datasets as Topic
N06.850.520.308.112.....Focus Groups
N06.850.520.308.225.....Geriatric Assessment
N06.850.520.308.420.....Interviews as Topic
N06.850.520.308.461.....Lot Quality Assurance Sampling
N06.850.520.308.502.....Narration
N06.850.520.308.585.....Nutrition Assessment
N06.850.520.308.763.....Preliminary Data
N06.850.520.308.940.....Records as Topic
N06.850.520.308.940.250.....Birth Certificates
N06.850.520.308.940.350.....Death Certificates
N06.850.520.308.940.375.....Dental Records
N06.850.520.308.940.425.....Hospital Records
N06.850.520.308.940.968.....Medical Records
N06.850.520.308.940.968.249.....Clinical Coding
N06.850.520.308.940.968.500.....Medical Record Linkage
N06.850.520.308.940.968.550.....Medical Records, Problem-Oriented
N06.850.520.308.940.968.625.....Medical Records Systems, Computerized
N06.850.520.308.940.968.625.500.....Health Smart Cards
N06.850.520.308.940.968.750.....Patient Discharge Summaries
N06.850.520.308.940.968.875.....Trauma Severity Indices
N06.850.520.308.940.984.....Nursing Records
N06.850.520.308.970.....Registries
N06.850.520.308.970.725.....SEER Program
N06.850.520.308.980.....Surveys and Questionnaires
N06.850.520.308.980.313.....Contraceptive Prevalence Surveys
N06.850.520.308.980.344.....Health Care Surveys
N06.850.520.308.980.344.500.....Patient Reported Outcome Measures
N06.850.520.308.980.438.....Health Surveys
N06.850.520.308.980.438.149.....Behavioral Risk Factor Surveillance System
N06.850.520.308.980.438.300.....Dental Health Surveys
N06.850.520.308.980.438.300.300.....Dental Plaque Index
N06.850.520.308.980.438.300.350.....DMF Index



## 2018 MeSH Tree Hierarchy

Tree location
N06.850.520.308.980.438.300.512.....Index of Orthodontic Treatment Need
N06.850.520.308.980.438.300.675.....Oral Hygiene Index
N06.850.520.308.980.438.300.725.....Periodontal Index
N06.850.520.308.980.438.475.....Health Status Indicators
N06.850.520.308.980.438.475.046.....Cost of Illness
N06.850.520.308.980.438.475.091.....Global Burden of Disease
N06.850.520.308.980.438.475.364.....Patient Acuity
N06.850.520.308.980.438.475.364.500.....Severity of Illness Index
N06.850.520.308.980.438.475.364.500.250.....APACHE
N06.850.520.308.980.438.475.364.500.500.....Karnofsky Performance Status
N06.850.520.308.980.438.475.364.500.625.....Organ Dysfunction Scores
N06.850.520.308.980.438.475.364.500.750.....Simplified Acute Physiology Score
N06.850.520.308.980.438.475.730.....Sickness Impact Profile
N06.850.520.308.980.438.580.....Mass Screening
N06.850.520.308.980.438.580.174.....Anonymous Testing
N06.850.520.308.980.438.580.510.....Mass Chest X-Ray
N06.850.520.308.980.438.580.560.....Multiphasic Screening
N06.850.520.308.980.438.580.580.....Neonatal Screening
N06.850.520.308.980.438.580.925.....Vision Screening
N06.850.520.308.980.438.700.....Population Surveillance
N06.850.520.308.980.438.700.324.....Public Health Surveillance
N06.850.520.308.980.438.700.650.....Sentinel Surveillance
N06.850.520.308.980.469.....Nutrition Surveys
N06.850.520.308.980.469.350.....Diet Surveys
N06.850.520.308.980.485.....Patient Health Questionnaire
N06.850.520.308.980.500.....Self Report
N06.850.520.308.985.....Vital Statistics
N06.850.520.308.985.450.....Life Expectancy
N06.850.520.308.985.475.....Life Tables
N06.850.520.308.985.525.....Morbidity
N06.850.520.308.985.525.080.....Basic Reproduction Number
N06.850.520.308.985.525.375.....Incidence
N06.850.520.308.985.525.750.....Prevalence
N06.850.520.308.985.550.....Mortality
N06.850.520.308.985.550.250.....Cause of Death
N06.850.520.308.985.550.287.....Child Mortality
N06.850.520.308.985.550.325.....Fatal Outcome
N06.850.520.308.985.550.362.....Fetal Mortality
N06.850.520.308.985.550.400.....Hospital Mortality
N06.850.520.308.985.550.475.....Infant Mortality
N06.850.520.308.985.550.475.500.....Perinatal Mortality

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.520.308.985.550.500.....Maternal Mortality
N06.850.520.308.985.550.550.....Mortality, Premature
N06.850.520.308.985.550.900.....Survival Rate
N06.850.520.308.985.775.....Pregnancy Rate
N06.850.520.308.985.775.500.....Birth Rate
N06.850.520.373.....Disease Notification
N06.850.520.445.....Epidemiologic Research Design
N06.850.520.445.150.....Cross-Over Studies
N06.850.520.445.300.....Double-Blind Method
N06.850.520.445.392.....Genome-Wide Association Study
N06.850.520.445.485.....Matched-Pair Analysis
N06.850.520.445.500.....Meta-Analysis as Topic
N06.850.520.445.500.500.....Network Meta-Analysis
N06.850.520.445.700.....Random Allocation
N06.850.520.445.725.....Reproducibility of Results
N06.850.520.445.725.500.....Dimensional Measurement Accuracy
N06.850.520.445.762.....Sample Size
N06.850.520.445.800.....Sensitivity and Specificity
N06.850.520.445.800.650.....Predictive Value of Tests
N06.850.520.445.800.750.....ROC Curve
N06.850.520.445.800.875.....Signal-To-Noise Ratio
N06.850.520.445.850.....Single-Blind Method
N06.850.520.450.....Epidemiologic Study Characteristics
N06.850.520.450.250.....Clinical Studies as Topic
N06.850.520.450.250.250.....Clinical Trials as Topic
N06.850.520.450.250.250.100.....Adaptive Clinical Trials as Topic
N06.850.520.450.250.250.200.....Clinical Trials, Phase I as Topic
N06.850.520.450.250.250.210.....Clinical Trials, Phase II as Topic
N06.850.520.450.250.250.220.....Clinical Trials, Phase III as Topic
N06.850.520.450.250.250.230.....Clinical Trials, Phase IV as Topic
N06.850.520.450.250.250.365.....Controlled Clinical Trials as Topic
N06.850.520.450.250.250.365.250.....Non-Randomized Controlled Trials as Topic
N06.850.520.450.250.250.365.500.....Randomized Controlled Trials as Topic
N06.850.520.450.250.250.365.500.250.....Equivalence Trials as Topic
N06.850.520.450.250.250.365.500.500.....Intention to Treat Analysis
N06.850.520.450.250.250.365.500.750.....Pragmatic Clinical Trials as Topic
N06.850.520.450.250.500.....Observational Studies as Topic
N06.850.520.450.500.....Epidemiologic Studies
N06.850.520.450.500.500.....Case-Control Studies
N06.850.520.450.500.500.500.....Retrospective Studies
N06.850.520.450.500.750.....Cohort Studies

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.520.450.500.750.350.....Follow-Up Studies
N06.850.520.450.500.750.500.....Longitudinal Studies
N06.850.520.450.500.750.500.500.....National Longitudinal Study of Adolescent Health
N06.850.520.450.500.750.650.....Prospective Studies
N06.850.520.450.500.750.825.....Retrospective Studies
N06.850.520.450.500.812.....Controlled Before-After Studies
N06.850.520.450.500.875.....Cross-Sectional Studies
N06.850.520.450.500.912.....Interrupted Time Series Analysis
N06.850.520.450.500.950.....Seroepidemiologic Studies
N06.850.520.450.500.950.375.....HIV Seroprevalence
N06.850.520.450.550.....Feasibility Studies
N06.850.520.450.643.....Multicenter Studies as Topic
N06.850.520.450.720.....Pilot Projects
N06.850.520.450.875.....Sampling Studies
N06.850.520.450.900.....Twin Studies as Topic
N06.850.520.460.....Epidemiological Monitoring
N06.850.520.470.....Molecular Epidemiology
N06.850.520.470.500.....Genome-Wide Association Study
N06.850.520.699.....Sentinel Surveillance
N06.850.520.830.....Statistics as Topic
N06.850.520.830.100.....Actuarial Analysis
N06.850.520.830.150.....Analysis of Variance
N06.850.520.830.150.500.....Multivariate Analysis
N06.850.520.830.200.....Area Under Curve
N06.850.520.830.250.....Cluster Analysis
N06.850.520.830.250.675.....Small-Area Analysis
N06.850.520.830.250.700.....Space-Time Clustering
N06.850.520.830.275.....Confidence Intervals
N06.850.520.830.300.....Data Interpretation, Statistical
N06.850.520.830.350.....Discriminant Analysis
N06.850.520.830.400.....Factor Analysis, Statistical
N06.850.520.830.475.....Matched-Pair Analysis
N06.850.520.830.500.....Models, Statistical
N06.850.520.830.500.475.....Likelihood Functions
N06.850.520.830.500.500.....Linear Models
N06.850.520.830.500.525.....Logistic Models
N06.850.520.830.500.600.....Models, Economic
N06.850.520.830.500.600.500.....Models, Econometric
N06.850.520.830.500.625.....Nomograms
N06.850.520.830.500.700.....Proportional Hazards Models
N06.850.520.830.525.....Monte Carlo Method

## 2018 MeSH Tree Hierarchy

Tree location	
N06.850.520.830.562.....	Multilevel Analysis
N06.850.520.830.600.....	Probability
N06.850.520.830.600.200.....	Bayes Theorem
N06.850.520.830.600.400.....	Likelihood Functions
N06.850.520.830.600.500.....	Markov Chains
N06.850.520.830.600.600.....	Odds Ratio
N06.850.520.830.600.650.....	Propensity Score
N06.850.520.830.600.700.....	Proportional Hazards Models
N06.850.520.830.600.800.....	Risk
N06.850.520.830.600.800.450.....	Logistic Models
N06.850.520.830.600.800.582.....	Protective Factors
N06.850.520.830.600.800.715.....	Risk Assessment
N06.850.520.830.600.800.715.500.....	Healthcare Failure Mode and Effect Analysis
N06.850.520.830.600.800.725.....	Risk Factors
N06.850.520.830.600.900.....	Uncertainty
N06.850.520.830.750.....	Regression Analysis
N06.850.520.830.750.400.....	Least-Squares Analysis
N06.850.520.830.750.425.....	Linear Models
N06.850.520.830.750.450.....	Logistic Models
N06.850.520.830.750.725.....	Proportional Hazards Models
N06.850.520.830.750.862.....	Spatial Regression
N06.850.520.830.872.....	Sensitivity and Specificity
N06.850.520.830.872.500.....	Limit of Detection
N06.850.520.830.872.750.....	Signal-To-Noise Ratio
N06.850.520.830.933.....	Spatial Analysis
N06.850.520.830.933.249.....	Geographic Mapping
N06.850.520.830.933.375.....	Spatial Regression
N06.850.520.830.933.500.....	Spatio-Temporal Analysis
N06.850.520.830.994.....	Statistical Distributions
N06.850.520.830.994.250.....	Binomial Distribution
N06.850.520.830.994.300.....	Chi-Square Distribution
N06.850.520.830.994.500.....	Normal Distribution
N06.850.520.830.994.750.....	Poisson Distribution
N06.850.520.830.995.....	Statistics, Nonparametric
N06.850.520.830.996.....	Stochastic Processes
N06.850.520.830.996.500.....	Markov Chains
N06.850.520.830.998.....	Survival Analysis
N06.850.520.830.998.300.....	Disease-Free Survival
N06.850.520.830.998.650.....	Kaplan-Meier Estimate
N06.850.540.....	Equipment Contamination
N06.850.540.500.....	Biofouling

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.585.....Equipment Reuse
N06.850.601.....Food Quality
N06.850.601.500.....Food Safety
N06.850.601.500.249.....Food Contamination
N06.850.601.500.249.250.....Food Contamination, Radioactive
N06.850.601.500.249.300.....Food Microbiology
N06.850.601.500.249.650.....Food Parasitology
N06.850.601.500.500.....Food Inspection
N06.850.601.500.750.....Hazard Analysis and Critical Control Points
N06.850.601.750.....Nutritive Value
N06.850.601.750.500.....Glycemic Index
N06.850.601.750.750.....Glycemic Load
N06.850.650.....Health Transition
N06.850.670.....Hygiene
N06.850.670.150.....Hand Hygiene
N06.850.670.150.500.....Hand Disinfection
N06.850.670.300.....Military Hygiene
N06.850.725.....Patient Harm
N06.850.780.....Public Health Practice
N06.850.780.200.....Communicable Disease Control
N06.850.780.200.112.....Animal Culling
N06.850.780.200.225.....Contact Tracing
N06.850.780.200.262.....Disease Notification
N06.850.780.200.300.....Fumigation
N06.850.780.200.425.....Immunization
N06.850.780.200.425.900.....Vaccination
N06.850.780.200.425.900.500.....Mass Vaccination
N06.850.780.200.450.....Infection Control
N06.850.780.200.450.150.....Antisepsis
N06.850.780.200.450.150.160.....Asepsis
N06.850.780.200.450.325.....Blood Safety
N06.850.780.200.450.500.....Infection Control, Dental
N06.850.780.200.450.650.....Patient Isolation
N06.850.780.200.450.700.....Quarantine
N06.850.780.200.450.850.....Sterilization
N06.850.780.200.450.850.375.....Disinfection
N06.850.780.200.550.....Mandatory Testing
N06.850.780.200.600.....Mass Drug Administration
N06.850.780.200.650.....Pest Control
N06.850.780.200.650.425.....Insect Control
N06.850.780.200.650.425.500.....Mosquito Control

## 2018 MeSH Tree Hierarchy

Tree location
N06.850.780.200.650.650.....Pest Control, Biological
N06.850.780.200.650.700.....Rodent Control
N06.850.780.200.650.850.....Tick Control
N06.850.780.200.650.925.....Weed Control
N06.850.780.200.800.....Sanitation
N06.850.780.200.800.325.....Food Inspection
N06.850.780.200.800.800.....Sanitary Engineering
N06.850.780.200.800.800.350.....Drainage, Sanitary
N06.850.780.200.800.800.525.....Recycling
N06.850.780.200.800.800.700.....Refuse Disposal
N06.850.780.200.800.800.700.500.....Composting
N06.850.780.200.800.800.795.....Toilet Facilities
N06.850.780.200.800.800.890.....Waste Disposal, Fluid
N06.850.780.200.800.800.900.....Waste Management
N06.850.780.200.800.800.900.449.....Waste Disposal Facilities
N06.850.780.200.800.800.900.449.500.....Hazardous Waste Sites
N06.850.780.200.800.800.900.900.....Water Purification
N06.850.780.200.925.....Universal Precautions
N06.850.780.325.....Decontamination
N06.850.780.375.....Environmental Monitoring
N06.850.780.375.349.....Biological Oxygen Demand Analysis
N06.850.780.375.700.....Radiation Monitoring
N06.850.780.500.....Mass Screening
N06.850.780.500.162.....Anonymous Testing
N06.850.780.500.412.....Mandatory Testing
N06.850.780.500.500.....Mass Chest X-Ray
N06.850.780.500.560.....Multiphasic Screening
N06.850.780.500.580.....Neonatal Screening
N06.850.780.500.765.....Substance Abuse Detection
N06.850.780.500.950.....Vision Screening
N06.850.780.675.....Population Surveillance
N06.850.780.675.324.....Biosurveillance
N06.850.780.675.487.....Public Health Surveillance
N06.850.780.675.650.....Sentinel Surveillance
N06.850.780.680.....Primary Prevention
N06.850.780.680.310.....Immunization
N06.850.780.680.310.890.....Vaccination
N06.850.780.680.310.890.500.....Mass Vaccination
N06.850.780.680.655.....Pre-Exposure Prophylaxis
N06.850.780.750.....Secondary Prevention
N06.850.780.800.....Tertiary Prevention

## 2018 MeSH Tree Hierarchy

Tree location	
N06.850.810.....	Radiologic Health
N06.850.810.080.....	Air Pollution, Radioactive
N06.850.810.125.....	Food Contamination, Radioactive
N06.850.810.250.....	Radiation Dosage
N06.850.810.250.180.....	Dose-Response Relationship, Radiation
N06.850.810.250.275.....	Relative Biological Effectiveness
N06.850.810.300.....	Radiation Effects
N06.850.810.300.360.....	Radiation Injuries
N06.850.810.300.360.031.....	Abnormalities, Radiation-Induced
N06.850.810.300.360.158.....	Acute Radiation Syndrome
N06.850.810.300.360.285.....	Radiation Injuries, Experimental
N06.850.810.335.....	Radiation Genetics
N06.850.810.370.....	Radiation Monitoring
N06.850.810.370.310.....	Film Dosimetry
N06.850.810.370.365.....	Optically Stimulated Luminescence Dosimetry
N06.850.810.370.420.....	Thermoluminescent Dosimetry
N06.850.810.425.....	Radiation Protection
N06.850.810.460.....	Radioactive Fallout
N06.850.810.485.....	Radioactive Waste
N06.850.810.530.....	Water Pollution, Radioactive
N06.850.860.....	Sanitation
N06.850.860.510.....	Sanitary Engineering
N06.850.860.510.244.....	Recycling
N06.850.860.510.490.....	Toilet Facilities
N06.850.860.510.900.....	Waste Management
N06.850.860.510.900.600.....	Refuse Disposal
N06.850.860.510.900.600.200.....	Composting
N06.850.860.510.900.600.400.....	Garbage
N06.850.860.510.900.600.500.....	Incineration
N06.850.860.510.900.600.600.....	Medical Waste Disposal
N06.850.860.510.900.600.900.....	Waste Disposal, Fluid
N06.850.860.510.900.700.....	Waste Disposal Facilities
N06.850.860.510.900.700.500.....	Hazardous Waste Sites
N06.850.860.510.900.900.....	Water Purification
N06.850.860.510.910.....	Water Softening
N06.890.....	Public Health Dentistry
N06.890.160.....	Dental Health Surveys
N06.890.160.090.....	Dental Plaque Index
N06.890.160.100.....	DMF Index
N06.890.160.134.....	Index of Orthodontic Treatment Need
N06.890.160.168.....	Oral Hygiene Index

## 2018 MeSH Tree Hierarchy

Tree location
N06.890.160.215.....Periodontal Index
N06.890.235.....Fluoridation
N06.890.410.....Health Education, Dental
V01.....Publication Components
V01.070.....Abstracts
V01.100.....Advertisements
V01.110.....Animation
V01.140.....Architectural Drawings
V01.165.....Bibliography
V01.165.150.....Biobibliography
V01.175.....Biography
V01.175.125.....Blogs
V01.175.250.....Interview
V01.175.500.....Personal Narratives
V01.175.500.100.....Autobiography
V01.185.....Book Illustrations
V01.185.500.....Caricatures
V01.185.625.....Drawings
V01.185.687.....Maps
V01.185.843.....Portraits
V01.195.....Bookplates
V01.200.....Charts
V01.205.....Comment
V01.250.....Editorial
V01.255.....Electronic Supplementary Materials
V01.255.500.....Video-Audio Media
V01.255.500.500.....Instructional Films and Videos
V01.255.500.625.....Interactive Tutorial
V01.255.500.750.....Webcasts
V01.260.....English Abstract
V01.405.....Expression of Concern
V01.550.....Letter
V01.630.....News
V01.665.....Patient Education Handout
V01.700.....Published Erratum
V01.775.....Retraction of Publication
V02.....Publication Formats
V02.025.....Abbreviations
V02.035.....Abstracts
V02.050.....Academic Dissertations
V02.060.....Account Books



## 2018 MeSH Tree Hierarchy

Tree location
V02.070.....Addresses
V02.070.500.....Lectures
V02.070.750.....Sermons
V02.110.....Almanacs
V02.115.....Anecdotes
V02.120.....Animation
V02.130.....Annual Reports
V02.135.....Aphorisms and Proverbs
V02.140.....Architectural Drawings
V02.150.....Atlases
V02.165.....Bibliography
V02.165.500.....Biobibliography
V02.170.....Biography
V02.170.250.....Blogs
V02.170.500.....Interview
V02.170.750.....Personal Narratives
V02.170.750.100.....Autobiography
V02.180.....Book Reviews
V02.200.....Broadsides
V02.220.....Calendars
V02.240.....Catalogs
V02.240.500.....Price Lists
V02.245.....Charts
V02.250.....Chronology
V02.255.....Classical Article
V02.260.....Collected Works
V02.260.260.....Collected Correspondence
V02.260.400.....Festschrift
V02.265.....Collections
V02.267.....Comment
V02.270.....Congresses
V02.270.250.....Consensus Development Conference
V02.270.250.500.....Consensus Development Conference, NIH
V02.270.500.....Overall
V02.272.....Cookbooks
V02.275.....Corrected and Republished Article
V02.300.....Database
V02.302.....Dataset
V02.305.....Diaries
V02.310.....Dictionary
V02.310.500.....Phrases

## 2018 MeSH Tree Hierarchy

Tree location
V02.310.750.....Terminology
V02.312.....Directory
V02.315.....Documentaries and Factual Films
V02.320.....Duplicate Publication
V02.335.....Editorial
V02.350.....Encyclopedias
V02.355.....Ephemera
V02.355.249.....Advertisements
V02.355.374.....Letter
V02.355.500.....Posters
V02.355.750.....Programs
V02.355.775.....Prospectuses
V02.365.....Essays
V02.375.....Eulogies
V02.375.400.....Funeral Sermons
V02.395.....Examination Questions
V02.415.....Exhibitions
V02.450.....Fictional Works
V02.460.....Forms
V02.480.....Formularies
V02.500.....Government Publications
V02.503.....Graphic Novels
V02.510.....Guidebooks
V02.515.....Guideline
V02.515.500.....Practice Guideline
V02.520.....Handbooks
V02.530.....Historical Article
V02.530.150.....Biography
V02.530.150.250.....Blogs
V02.530.150.500.....Interview
V02.530.150.750.....Personal Narratives
V02.530.150.750.100.....Autobiography
V02.530.250.....Classical Article
V02.530.400.....Festschrift
V02.540.....Humor
V02.540.200.....Cartoons
V02.545.....Incunabula
V02.550.....Indexes
V02.575.....Instructional Films and Videos
V02.600.....Journal Article
V02.600.249.....Introductory Journal Article

## 2018 MeSH Tree Hierarchy

Tree location
V02.600.500.....Review
V02.600.500.500.....Consensus Development Conference
V02.600.500.500.500.....Consensus Development Conference, NIH
V02.605.....Laboratory Manuals
V02.607.....Lecture Notes
V02.610.....Legal Cases
V02.620.....Legislation
V02.625.....Letter
V02.630.....Manuscripts
V02.650.....Meeting Abstracts
V02.660.....Monograph
V02.660.500.....Textbooks
V02.665.....News
V02.667.....Newspaper Article
V02.668.....Nurses' Instruction
V02.670.....Outlines
V02.672.....Overall
V02.672.500.....Festschrift
V02.675.....Patents
V02.682.....Periodical Index
V02.690.....Periodicals
V02.695.....Pharmacopoeias
V02.695.500.....Herbals
V02.697.....Photographs
V02.700.....Pictorial Works
V02.700.074.....Caricatures
V02.700.149.....Cartoons
V02.700.300.....Drawings
V02.700.375.....Graphic Novels
V02.700.450.....Maps
V02.700.600.....Portraits
V02.712.....Poetry
V02.725.....Popular Works
V02.725.500.....Juvenile Literature
V02.725.750.....Patient Education Handout
V02.731.....Postcards
V02.734.....Problems and Exercises
V02.735.....Programmed Instruction
V02.736.....Public Service Announcements
V02.737.....Published Erratum
V02.750.....Resource Guides

## 2018 MeSH Tree Hierarchy

Tree location
V02.800.....Retracted Publication
V02.825.....Retraction of Publication
V02.912.....Review
V02.912.500.....Consensus Development Conference
V02.912.500.500.....Consensus Development Conference, NIH
V02.925.....Statistics
V02.928.....Study Guide
V02.930.....Tables
V02.935.....Technical Report
V02.940.....Unedited Footage
V02.945.....Union Lists
V02.950.....Unpublished Works
V02.970.....Video-Audio Media
V02.990.....Webcasts
V03.....Study Characteristics
V03.100.....Case Reports
V03.150.....Clinical Conference
V03.175.....Clinical Study
V03.175.250.....Clinical Trial
V03.175.250.050.....Adaptive Clinical Trial
V03.175.250.100.....Clinical Trial, Phase I
V03.175.250.200.....Clinical Trial, Phase II
V03.175.250.300.....Clinical Trial, Phase III
V03.175.250.400.....Clinical Trial, Phase IV
V03.175.250.500.....Controlled Clinical Trial
V03.175.250.500.500.....Randomized Controlled Trial
V03.175.250.500.500.125.....Equivalence Trial
V03.175.250.500.500.500.....Pragmatic Clinical Trial
V03.175.500.....Observational Study
V03.250.....Comparative Study
V03.300.....Consensus Development Conference
V03.300.300.....Consensus Development Conference, NIH
V03.400.....Evaluation Studies
V03.600.....Meta-Analysis
V03.650.....Multicenter Study
V03.800.....Scientific Integrity Review
V03.900.....Twin Study
V03.950.....Validation Studies
V04.....Support of Research
V04.124.....Research Support, Non-U.S. Gov't
V04.750.....Research Support, U.S. Government

## 2018 MeSH Tree Hierarchy

Tree location	
V04.750.124.....	Research Support, American Recovery and Reinvestment Act
V04.750.249.....	Research Support, U.S. Gov't, Non-P.H.S.
V04.750.500.....	Research Support, U.S. Gov't, P.H.S.
V04.750.500.500.....	Research Support, N.I.H., Extramural
V04.750.500.750.....	Research Support, N.I.H., Intramural
Z01.....	Geographic Locations
Z01.058.....	Africa
Z01.058.266.....	Africa, Northern
Z01.058.266.104.....	Algeria
Z01.058.266.317.....	Egypt
Z01.058.266.513.....	Libya
Z01.058.266.629.....	Morocco
Z01.058.266.887.....	Tunisia
Z01.058.290.....	Africa South of the Sahara
Z01.058.290.100.....	Africa, Central
Z01.058.290.100.110.....	Cameroon
Z01.058.290.100.120.....	Central African Republic
Z01.058.290.100.130.....	Chad
Z01.058.290.100.140.....	Congo
Z01.058.290.100.220.....	Democratic Republic of the Congo
Z01.058.290.100.300.....	Equatorial Guinea
Z01.058.290.100.380.....	Gabon
Z01.058.290.100.690.....	Sao Tome and Principe
Z01.058.290.120.....	Africa, Eastern
Z01.058.290.120.180.....	Burundi
Z01.058.290.120.275.....	Djibouti
Z01.058.290.120.292.....	Eritrea
Z01.058.290.120.310.....	Ethiopia
Z01.058.290.120.400.....	Kenya
Z01.058.290.120.680.....	Rwanda
Z01.058.290.120.730.....	Somalia
Z01.058.290.120.745.....	South Sudan
Z01.058.290.120.760.....	Sudan
Z01.058.290.120.840.....	Tanzania
Z01.058.290.120.880.....	Uganda
Z01.058.290.175.....	Africa, Southern
Z01.058.290.175.095.....	Angola
Z01.058.290.175.230.....	Botswana
Z01.058.290.175.400.....	Lesotho
Z01.058.290.175.500.....	Malawi
Z01.058.290.175.545.....	Mozambique

## 2018 MeSH Tree Hierarchy

Tree location
Z01.058.290.175.580.....Namibia
Z01.058.290.175.735.....South Africa
Z01.058.290.175.795.....Swaziland
Z01.058.290.175.920.....Zambia
Z01.058.290.175.960.....Zimbabwe
Z01.058.290.190.....Africa, Western
Z01.058.290.190.200.....Benin
Z01.058.290.190.245.....Burkina Faso
Z01.058.290.190.258.....Cabo Verde
Z01.058.290.190.272.....Cote d'Ivoire
Z01.058.290.190.300.....Gambia
Z01.058.290.190.320.....Ghana
Z01.058.290.190.375.....Guinea
Z01.058.290.190.380.....Guinea-Bissau
Z01.058.290.190.425.....Liberia
Z01.058.290.190.500.....Mali
Z01.058.290.190.520.....Mauritania
Z01.058.290.190.560.....Niger
Z01.058.290.190.565.....Nigeria
Z01.058.290.190.710.....Senegal
Z01.058.290.190.725.....Sierra Leone
Z01.058.290.190.800.....Togo
Z01.107.....Americas
Z01.107.084.....Caribbean Region
Z01.107.084.113.....Aruba
Z01.107.084.169.....Caribbean Netherlands
Z01.107.084.225.....Curacao
Z01.107.084.450.....Sint Maarten
Z01.107.084.900.....West Indies
Z01.107.084.900.050.....Antigua and Barbuda
Z01.107.084.900.100.....Bahamas
Z01.107.084.900.140.....Barbados
Z01.107.084.900.182.....British Virgin Islands
Z01.107.084.900.225.....Cuba
Z01.107.084.900.262.....Dominica
Z01.107.084.900.300.....Dominican Republic
Z01.107.084.900.362.....Grenada
Z01.107.084.900.393.....Guadeloupe
Z01.107.084.900.425.....Haiti
Z01.107.084.900.525.....Jamaica
Z01.107.084.900.600.....Martinique

## 2018 MeSH Tree Hierarchy

Tree location	
Z01.107.084.900.750.....	Puerto Rico
Z01.107.084.900.787.....	Saint Kitts and Nevis
Z01.107.084.900.825.....	Saint Lucia
Z01.107.084.900.862.....	Saint Vincent and the Grenadines
Z01.107.084.900.900.....	Trinidad and Tobago
Z01.107.084.900.970.....	United States Virgin Islands
Z01.107.169.....	Central America
Z01.107.169.133.....	Belize
Z01.107.169.238.....	Costa Rica
Z01.107.169.339.....	El Salvador
Z01.107.169.454.....	Guatemala
Z01.107.169.534.....	Honduras
Z01.107.169.690.....	Nicaragua
Z01.107.169.772.....	Panama
Z01.107.169.772.584.....	Panama Canal Zone
Z01.107.424.....	Latin America
Z01.107.567.....	North America
Z01.107.567.176.....	Canada
Z01.107.567.176.064.....	Alberta
Z01.107.567.176.160.....	British Columbia
Z01.107.567.176.410.....	Manitoba
Z01.107.567.176.494.....	New Brunswick
Z01.107.567.176.540.....	Newfoundland and Labrador
Z01.107.567.176.564.....	Northwest Territories
Z01.107.567.176.589.....	Nova Scotia
Z01.107.567.176.614.....	Nunavut
Z01.107.567.176.639.....	Ontario
Z01.107.567.176.732.....	Prince Edward Island
Z01.107.567.176.791.....	Quebec
Z01.107.567.176.858.....	Saskatchewan
Z01.107.567.176.929.....	Yukon Territory
Z01.107.567.403.....	Greenland
Z01.107.567.589.....	Mexico
Z01.107.567.875.....	United States
Z01.107.567.875.075.....	Appalachian Region
Z01.107.567.875.075.100.....	Alabama
Z01.107.567.875.075.250.....	Georgia
Z01.107.567.875.075.400.....	Kentucky
Z01.107.567.875.075.418.....	Maryland
Z01.107.567.875.075.437.....	New York
Z01.107.567.875.075.475.....	North Carolina

## 2018 MeSH Tree Hierarchy

Tree location
Z01.107.567.875.075.512.....Ohio
Z01.107.567.875.075.550.....Pennsylvania
Z01.107.567.875.075.662.....South Carolina
Z01.107.567.875.075.775.....Tennessee
Z01.107.567.875.075.837.....Virginia
Z01.107.567.875.075.900.....West Virginia
Z01.107.567.875.350.....Great Lakes Region
Z01.107.567.875.350.350.....Illinois
Z01.107.567.875.350.350.200.....Chicago
Z01.107.567.875.350.360.....Indiana
Z01.107.567.875.350.500.....Michigan
Z01.107.567.875.350.510.....Minnesota
Z01.107.567.875.350.530.....New York
Z01.107.567.875.350.530.530.....New York City
Z01.107.567.875.350.540.....Ohio
Z01.107.567.875.350.550.....Pennsylvania
Z01.107.567.875.350.900.....Wisconsin
Z01.107.567.875.500.....Mid-Atlantic Region
Z01.107.567.875.500.200.....Delaware
Z01.107.567.875.500.210.....District of Columbia
Z01.107.567.875.500.500.....Maryland
Z01.107.567.875.500.500.100.....Baltimore
Z01.107.567.875.500.525.....New Jersey
Z01.107.567.875.500.530.....New York
Z01.107.567.875.500.530.530.....New York City
Z01.107.567.875.500.550.....Pennsylvania
Z01.107.567.875.500.550.525.....Philadelphia
Z01.107.567.875.510.....Midwestern United States
Z01.107.567.875.510.350.....Illinois
Z01.107.567.875.510.350.200.....Chicago
Z01.107.567.875.510.360.....Indiana
Z01.107.567.875.510.370.....Iowa
Z01.107.567.875.510.390.....Kansas
Z01.107.567.875.510.400.....Kentucky
Z01.107.567.875.510.500.....Michigan
Z01.107.567.875.510.510.....Minnesota
Z01.107.567.875.510.515.....Missouri
Z01.107.567.875.510.520.....Nebraska
Z01.107.567.875.510.525.....North Dakota
Z01.107.567.875.510.540.....Ohio
Z01.107.567.875.510.550.....Oklahoma



## 2018 MeSH Tree Hierarchy

Tree location
Z01.107.567.875.510.700.....South Dakota
Z01.107.567.875.510.900.....Wisconsin
Z01.107.567.875.550.....New England
Z01.107.567.875.550.200.....Connecticut
Z01.107.567.875.550.500.....Maine
Z01.107.567.875.550.510.....Massachusetts
Z01.107.567.875.550.510.210.....Boston
Z01.107.567.875.550.580.....New Hampshire
Z01.107.567.875.550.680.....Rhode Island
Z01.107.567.875.550.880.....Vermont
Z01.107.567.875.560.....Northwestern United States
Z01.107.567.875.560.380.....Idaho
Z01.107.567.875.560.500.....Montana
Z01.107.567.875.560.550.....Oregon
Z01.107.567.875.560.900.....Washington
Z01.107.567.875.560.925.....Wyoming
Z01.107.567.875.580.....Pacific States
Z01.107.567.875.580.100.....Alaska
Z01.107.567.875.580.200.....California
Z01.107.567.875.580.200.450.....Los Angeles
Z01.107.567.875.580.200.700.....San Francisco
Z01.107.567.875.580.375.....Hawaii
Z01.107.567.875.580.550.....Oregon
Z01.107.567.875.580.900.....Washington
Z01.107.567.875.750.....Southeastern United States
Z01.107.567.875.750.100.....Alabama
Z01.107.567.875.750.110.....Arkansas
Z01.107.567.875.750.350.....Florida
Z01.107.567.875.750.370.....Georgia
Z01.107.567.875.750.480.....Louisiana
Z01.107.567.875.750.480.500.....New Orleans
Z01.107.567.875.750.500.....Mississippi
Z01.107.567.875.750.530.....North Carolina
Z01.107.567.875.750.700.....South Carolina
Z01.107.567.875.750.870.....Virginia
Z01.107.567.875.750.900.....West Virginia
Z01.107.567.875.760.....Southwestern United States
Z01.107.567.875.760.100.....Arizona
Z01.107.567.875.760.200.....California
Z01.107.567.875.760.200.450.....Los Angeles
Z01.107.567.875.760.200.700.....San Francisco

## 2018 MeSH Tree Hierarchy

Tree location
Z01.107.567.875.760.210.....Colorado
Z01.107.567.875.760.550.....Nevada
Z01.107.567.875.760.560.....New Mexico
Z01.107.567.875.760.750.....Texas
Z01.107.567.875.760.800.....Utah
Z01.107.757.....South America
Z01.107.757.077.....Argentina
Z01.107.757.136.....Bolivia
Z01.107.757.176.....Brazil
Z01.107.757.235.....Chile
Z01.107.757.284.....Colombia
Z01.107.757.362.....Ecuador
Z01.107.757.435.....French Guiana
Z01.107.757.488.....Guyana
Z01.107.757.656.....Paraguay
Z01.107.757.702.....Peru
Z01.107.757.833.....Suriname
Z01.107.757.904.....Uruguay
Z01.107.757.943.....Venezuela
Z01.158.....Antarctic Regions
Z01.208.....Arctic Regions
Z01.252.....Asia
Z01.252.100.....Asia, Central
Z01.252.100.420.....Kazakhstan
Z01.252.100.450.....Kyrgyzstan
Z01.252.100.900.....Tajikistan
Z01.252.100.940.....Turkmenistan
Z01.252.100.975.....Uzbekistan
Z01.252.122.....Asia, Northern
Z01.252.122.500.....Russia
Z01.252.122.500.500.....Siberia
Z01.252.145.....Asia, Southeastern
Z01.252.145.103.....Borneo
Z01.252.145.130.....Brunei
Z01.252.145.182.....Cambodia
Z01.252.145.232.....Indochina
Z01.252.145.281.....Timor-Leste
Z01.252.145.380.....Indonesia
Z01.252.145.435.....Laos
Z01.252.145.487.....Malaysia
Z01.252.145.530.....Mekong Valley

## 2018 MeSH Tree Hierarchy

Tree location
Z01.252.145.570.....Myanmar
Z01.252.145.671.....Philippines
Z01.252.145.774.....Singapore
Z01.252.145.841.....Thailand
Z01.252.145.945.....Vietnam
Z01.252.245.....Asia, Western
Z01.252.245.131.....Bangladesh
Z01.252.245.162.....Bhutan
Z01.252.245.393.....India
Z01.252.245.393.750.....Sikkim
Z01.252.245.500.....Middle East
Z01.252.245.500.125.....Afghanistan
Z01.252.245.500.175.....Bahrain
Z01.252.245.500.350.....Iran
Z01.252.245.500.360.....Iraq
Z01.252.245.500.375.....Israel
Z01.252.245.500.400.....Jordan
Z01.252.245.500.425.....Kuwait
Z01.252.245.500.450.....Lebanon
Z01.252.245.500.600.....Oman
Z01.252.245.500.690.....Qatar
Z01.252.245.500.750.....Saudi Arabia
Z01.252.245.500.795.....Syria
Z01.252.245.500.850.....Turkey
Z01.252.245.500.900.....United Arab Emirates
Z01.252.245.500.950.....Yemen
Z01.252.245.674.....Nepal
Z01.252.245.723.....Pakistan
Z01.252.245.840.....Sri Lanka
Z01.252.474.....Far East
Z01.252.474.164.....China
Z01.252.474.164.225.....Beijing
Z01.252.474.164.450.....Hong Kong
Z01.252.474.164.675.....Macau
Z01.252.474.164.900.....Tibet
Z01.252.474.463.....Japan
Z01.252.474.463.709.....Tokyo
Z01.252.474.557.....Korea
Z01.252.474.557.500.....Democratic People's Republic of Korea
Z01.252.474.557.750.....Republic of Korea
Z01.252.474.557.750.500.....Seoul

## 2018 MeSH Tree Hierarchy

Tree location
Z01.252.474.651.....Mongolia
Z01.252.474.872.....Taiwan
Z01.433.....Cities
Z01.433.100.....Baltimore
Z01.433.114.....Beijing
Z01.433.128.....Berlin
Z01.433.210.....Boston
Z01.433.305.....Chicago
Z01.433.429.....District of Columbia
Z01.433.553.....London
Z01.433.565.....Los Angeles
Z01.433.653.....Moscow
Z01.433.697.....New Orleans
Z01.433.741.....New York City
Z01.433.800.....Paris
Z01.433.820.....Philadelphia
Z01.433.850.....Rome
Z01.433.875.....San Francisco
Z01.433.887.....Seoul
Z01.433.900.....Tokyo
Z01.542.....Europe
Z01.542.049.....Andorra
Z01.542.088.....Austria
Z01.542.101.....Balkan Peninsula
Z01.542.115.....Belgium
Z01.542.248.....Europe, Eastern
Z01.542.248.020.....Albania
Z01.542.248.136.....Baltic States
Z01.542.248.136.360.....Estonia
Z01.542.248.136.560.....Latvia
Z01.542.248.136.580.....Lithuania
Z01.542.248.160.....Bosnia and Herzegovina
Z01.542.248.180.....Bulgaria
Z01.542.248.295.....Croatia
Z01.542.248.395.....Czech Republic
Z01.542.248.495.....Hungary
Z01.542.248.506.....Kosovo
Z01.542.248.517.....Macedonia (Republic)
Z01.542.248.540.....Moldova
Z01.542.248.609.....Montenegro
Z01.542.248.679.....Poland

## 2018 MeSH Tree Hierarchy

Tree location	
Z01.542.248.700.....	Republic of Belarus
Z01.542.248.764.....	Romania
Z01.542.248.775.....	Russia
Z01.542.248.775.150.....	Bashkiria
Z01.542.248.775.310.....	Dagestan
Z01.542.248.775.510.....	Moscow
Z01.542.248.775.900.....	Tatarstan
Z01.542.248.786.....	Serbia
Z01.542.248.797.....	Slovakia
Z01.542.248.820.....	Slovenia
Z01.542.248.960.....	Ukraine
Z01.542.286.....	France
Z01.542.286.588.....	Paris
Z01.542.315.....	Germany
Z01.542.315.182.....	Berlin
Z01.542.335.....	Gibraltar
Z01.542.363.....	United Kingdom
Z01.542.363.161.....	Channel Islands
Z01.542.363.161.500.....	Guernsey
Z01.542.363.300.....	England
Z01.542.363.300.553.....	London
Z01.542.363.602.....	Northern Ireland
Z01.542.363.766.....	Scotland
Z01.542.363.766.500.....	Hebrides
Z01.542.363.914.....	Wales
Z01.542.383.....	Greece
Z01.542.467.....	Ireland
Z01.542.489.....	Italy
Z01.542.489.569.....	Rome
Z01.542.489.751.....	Sicily
Z01.542.524.....	Liechtenstein
Z01.542.550.....	Luxembourg
Z01.542.580.....	Mediterranean Region
Z01.542.580.500.....	Mediterranean Islands
Z01.542.580.500.300.....	Cyprus
Z01.542.580.500.650.....	Malta
Z01.542.580.500.751.....	Sicily
Z01.542.616.....	Monaco
Z01.542.651.....	Netherlands
Z01.542.727.....	Portugal
Z01.542.786.....	San Marino

## 2018 MeSH Tree Hierarchy

Tree location	
Z01.542.816.....	Scandinavian and Nordic Countries
Z01.542.816.124.....	Denmark
Z01.542.816.124.500.....	Greenland
Z01.542.816.186.....	Finland
Z01.542.816.249.....	Iceland
Z01.542.816.374.....	Norway
Z01.542.816.374.500.....	Svalbard
Z01.542.816.500.....	Sweden
Z01.542.846.....	Spain
Z01.542.883.....	Switzerland
Z01.542.900.....	Transcaucasia
Z01.542.900.099.....	Armenia
Z01.542.900.120.....	Azerbaijan
Z01.542.900.420.....	Georgia (Republic)
Z01.542.931.....	USSR
Z01.542.931.099.....	Armenia
Z01.542.931.420.....	Georgia (Republic)
Z01.542.931.440.....	Kazakhstan
Z01.542.931.450.....	Kyrgyzstan
Z01.542.931.540.....	Moldova
Z01.542.931.960.....	Ukraine
Z01.542.931.975.....	Uzbekistan
Z01.542.961.....	Vatican City
Z01.586.....	Historical Geographic Locations
Z01.586.035.....	Ancient Lands
Z01.586.035.100.....	Arabia
Z01.586.035.150.....	Armenia
Z01.586.035.175.....	Byzantium
Z01.586.035.325.....	Egypt, Ancient
Z01.586.035.519.....	Greece, Ancient
Z01.586.035.587.....	Mesopotamia
Z01.586.035.725.....	Persia
Z01.586.117.....	Austria-Hungary
Z01.586.200.....	Commonwealth of Independent States
Z01.586.200.940.....	Turkmenistan
Z01.586.225.....	Confederate States of America
Z01.586.250.....	Czechoslovakia
Z01.586.338.....	Germany, East
Z01.586.350.....	Germany, West
Z01.586.361.....	Holy Roman Empire
Z01.586.407.....	Korea

## 2018 MeSH Tree Hierarchy

Tree location	
Z01.586.575.....	Netherlands Antilles
Z01.586.650.....	New Guinea
Z01.586.687.....	Ottoman Empire
Z01.586.744.....	Panama Canal Zone
Z01.586.772.....	Prussia
Z01.586.800.....	Russia (Pre-1917)
Z01.586.950.....	USSR
Z01.586.950.099.....	Armenia
Z01.586.950.420.....	Georgia (Republic)
Z01.586.950.440.....	Kazakhstan
Z01.586.950.450.....	Kyrgyzstan
Z01.586.950.540.....	Moldova
Z01.586.950.960.....	Ukraine
Z01.586.950.975.....	Uzbekistan
Z01.586.980.....	Yugoslavia
Z01.639.....	Islands
Z01.639.040.....	Atlantic Islands
Z01.639.040.109.....	Aruba
Z01.639.040.218.....	Azores
Z01.639.040.390.....	Bermuda
Z01.639.040.543.....	Cabo Verde
Z01.639.040.619.....	Caribbean Netherlands
Z01.639.040.695.....	Falkland Islands
Z01.639.040.847.....	Sao Tome and Principe
Z01.639.100.....	Australia
Z01.639.100.500.....	Australian Capital Territory
Z01.639.100.750.....	New South Wales
Z01.639.100.875.....	Northern Territory
Z01.639.100.937.....	Queensland
Z01.639.100.968.....	South Australia
Z01.639.100.984.....	Tasmania
Z01.639.100.992.....	Victoria
Z01.639.100.996.....	Western Australia
Z01.639.160.....	Borneo
Z01.639.400.....	Greenland
Z01.639.490.....	Iceland
Z01.639.520.....	Indian Ocean Islands
Z01.639.520.200.....	Comoros
Z01.639.520.500.....	Madagascar
Z01.639.520.520.....	Mauritius
Z01.639.520.700.....	Reunion

## 2018 MeSH Tree Hierarchy

Tree location
Z01.639.520.750.....Seychelles
Z01.639.520.875.....Sri Lanka
Z01.639.580.....Indonesia
Z01.639.587.....Ireland
Z01.639.595.....Japan
Z01.639.610.....Macau
Z01.639.640.....Mediterranean Islands
Z01.639.640.300.....Cyprus
Z01.639.640.650.....Malta
Z01.639.640.751.....Sicily
Z01.639.760.....Pacific Islands
Z01.639.760.590.....Melanesia
Z01.639.760.590.373.....Fiji
Z01.639.760.590.620.....New Caledonia
Z01.639.760.590.715.....Papua New Guinea
Z01.639.760.590.736.....Vanuatu
Z01.639.760.680.....Micronesia
Z01.639.760.680.435.....Guam
Z01.639.760.680.717.....Palau
Z01.639.760.747.....New Zealand
Z01.639.760.815.....Polynesia
Z01.639.760.815.482.....Hawaii
Z01.639.760.815.700.....Pitcairn Island
Z01.639.760.815.800.....Samoa
Z01.639.760.815.800.100.....American Samoa
Z01.639.760.815.800.400.....Independent State of Samoa
Z01.639.760.815.890.....Tonga
Z01.639.790.....Philippines
Z01.639.820.....Prince Edward Island
Z01.639.835.....Svalbard
Z01.639.850.....Taiwan
Z01.639.880.....West Indies
Z01.639.880.050.....Antigua and Barbuda
Z01.639.880.100.....Bahamas
Z01.639.880.140.....Barbados
Z01.639.880.225.....Cuba
Z01.639.880.262.....Dominica
Z01.639.880.300.....Dominican Republic
Z01.639.880.362.....Grenada
Z01.639.880.393.....Guadeloupe
Z01.639.880.425.....Haiti



## 2018 MeSH Tree Hierarchy

Tree location
Z01.639.880.525.....Jamaica
Z01.639.880.600.....Martinique
Z01.639.880.750.....Puerto Rico
Z01.639.880.787.....Saint Kitts and Nevis
Z01.639.880.825.....Saint Lucia
Z01.639.880.862.....Saint Vincent and the Grenadines
Z01.639.880.900.....Trinidad and Tobago
Z01.639.880.970.....United States Virgin Islands
Z01.678.....Oceania
Z01.678.100.....Australasia
Z01.678.100.373.....Australia
Z01.678.100.373.500.....Australian Capital Territory
Z01.678.100.373.750.....New South Wales
Z01.678.100.373.875.....Northern Territory
Z01.678.100.373.937.....Queensland
Z01.678.100.373.968.....South Australia
Z01.678.100.373.984.....Tasmania
Z01.678.100.373.992.....Victoria
Z01.678.100.373.996.....Western Australia
Z01.678.100.747.....New Zealand
Z01.678.100.873.....Pacific Islands
Z01.756.....Oceans and Seas
Z01.756.092.....Atlantic Ocean
Z01.756.092.325.....Gulf of Mexico
Z01.756.092.650.....North Sea
Z01.756.217.....Black Sea
Z01.756.342.....Indian Ocean
Z01.756.592.....Mediterranean Sea
Z01.756.700.....Pacific Ocean