

MeSH Highlights 2023



Objective and Audience



Objective

This webinar will introduce changes made to MeSH for 2023 and discuss how they may impact you as a PubMed searcher.



Audience

PubMed searchers, librarians, catalogers who are familiar with MeSH's structure (Main Headings, SCR, ET, etc.)

MeSH Database

 **National Library of Medicine**
National Center for Biotechnology Information

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MeSH

MeSH ▾

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MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

Using MeSH

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[E-Utilities](#)

[NLM MeSH Homepage](#)

Agenda

1. Overview
2. Examples of New & Updated Terms
 - a) Post Acute COVID-19 Syndrome
 - b) Bacteria and Disease Terms
 - c) Population Groups
 - i. Tribal Nations and Ethnic Communities
3. New MeSH Terms & Automated Indexing
4. Q&A panel

Overview



NLM TECHNICAL BULLETIN

NATIONAL LIBRARY OF MEDICINE | NATIONAL INSTITUTES OF HEALTH

MEDLINE and MeSH Data Changes — 2023. NLM Tech Bull. 2022 Nov-Dec;(449):e6.

Overview: Stats

30,454

MeSH Main Headings



260

New Main Headings

321,528

Supplementary Concept Records



1,788

New SCRs

New MeSH Headings by Branch

Branch	Nº
A. Anatomy	13
B. Organisms	7
C. Diseases	108
D. Chemicals and Drugs	59
E. Analytical, Diagnostic and Therapeutic Techniques and Equipment	18
F. Psychiatry and Psychology	16
G. Phenomena and Processes	30
H. Disciplines and Occupations	10

Branch	Nº
I. Anthropology, Education, Sociology and Social Phenomena	15
J. Technology, Industry, Agriculture	4
K. Humanities	2
L. Information Science	8
M. Named Groups	37
N. Health Care	43
V. Publication Characteristics	0
Z. Geographicals	2

MeSH in Cataloging

NIH National Library of Medicine
National Center for Biotechnology Information

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NLM Catalog

The NLM Catalog provides access to NLM bibliographic data for journals, books, audiovisuals, computer software, electronic resources and other materials. Links to the library's holdings in LocatorPlus, NLM's online public access catalog, are also provided.

Using NLM Catalog

- [How to Search for Journals](#)
- [NLM Catalog FAQs](#)
- [New and Noteworthy](#)

NLM Catalog Tools

- [Journals in NCBI Databases](#)
- [Broad Subject Terms](#)
- [Journal Lists by FTP](#)

More Resources

- [MeSH Database](#)
- [Images in the History of Medicine](#)
- [E-Utilities](#)

MeSH in Cataloging



NLM TECHNICAL BULLETIN

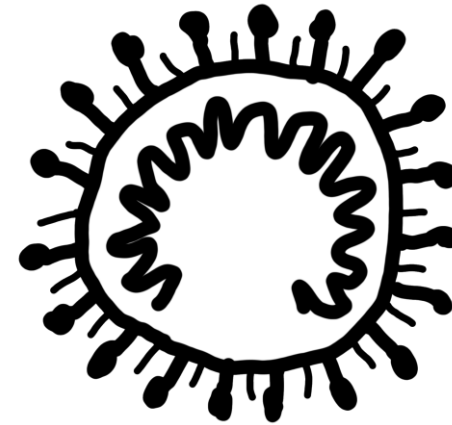
NATIONAL LIBRARY OF MEDICINE | NATIONAL INSTITUTES OF HEALTH

Use of 2023 MeSH in Cataloging. NLM Tech Bull. 2022 Nov-Dec;(449):e5.

Examples of New & Updated Terms

COVID-19

**POST-ACUTE
COVID-19
SYNDROME**



promoted from SCR to Main Heading

How does this affect you?

Before 2023

"post acute covid 19 syndrome" ~~[nm]~~ [MeSH]

PubMed.gov

"post acute covid 19 syndrome" ~~[Supplementary Concept]~~ [MeSH] × **Search**

[Advanced](#) [Create alert](#) [Create RSS](#) [User Guide](#)

[Save](#) [Email](#) [Send to](#) Sorted by: Most recent ↓ [Display options](#) ⚙️

MY NCBI FILTERS 🔗 **1,378 results** ⏪ ⏩ Page 1 of 138 ⏪ ⏩

RESULTS BY YEAR

↶ ↷

2020 2021 2022 2023

Use COVID-19 filters from PubMed Clinical Queries to refine your search ×
[Treatment](#) [Mechanism](#) [Transmission](#) [More filters](#)
[See more SARS-CoV-2 literature, sequence, and clinical content from NCBI](#)

AMBULATORY BLOOD PRESSURE VARIABILITY IN YOUNG ADULTS WITH LONG-
 COVID SYNDROME

MeSH 2023

PubMed.gov "post acute covid 19 syndrome" [Supplementary Concept] × **Search**

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Sorted by: Most recent ↓ ☰ [Display options](#) ⚙️

MY NCBI FILTERS 🔗

TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

No results were found.

[Use COVID-19 filters from PubMed Clinical Queries to refine your search](#) ×
[Treatment](#) [Mechanism](#) [Transmission](#) [More filters](#)

[See more SARS-CoV-2 literature, sequence, and clinical content from NCBI](#)

Your search was processed without automatic term mapping because it retrieved zero results.

The MeSH Database is your friend.

MeSH [Help](#)

[Create alert](#) [Limits](#) [Advanced](#)

Full ▾ Send to: ▾

Post-Acute COVID-19 Syndrome

Post acute stage of COVID-19 virus infection. Persistent symptoms may include FATIGUE; DYSPNEA; and MEMORY LOSS.
Year introduced: 2023(2020)

PubMed search builder options

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): C01.748.610.763.500.500, C01.925.705.500.500, C01.925.782.600.550.200.163.500, C08.381.677.807.500.500, C08.730.610.763.500.500, C23.550.291.500.829.375
MeSH Unique ID: D000094024
Entry Terms:

- COVID-19 Syndrome, Post-Acute
- Post-Acute COVID-19 Syndromes
- Long Haul COVID-19

PubMed Search Builder ▾

"Post-Acute COVID-19 Syndrome"[Mesh]

▾

[YouTube Tutorial](#)

Related information ▾

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

Bacteria





[ET] **LACTOBACILLUS SALIVARIUS**



[MH] **LIGILACTOBACILLUS SALIVARIUS**

How does this affect you?

History and Search Details

 Download  Delete

Search	Actions	Details	Query	Results	Time
#3	...	▼	<p>Search: LACTOBACILLUS SALIVARIUS</p> <p>"ligilactobacillus salivarius"[MeSH Terms] OR ("ligilactobacillus"[All Fields] AND "salivarius"[All Fields]) OR "ligilactobacillus salivarius"[All Fields] OR ("lactobacillus"[All Fields] AND "salivarius"[All Fields]) OR "lactobacillus salivarius"[All Fields]</p> <p>Translations</p> <p>LACTOBACILLUS SALIVARIUS: "ligilactobacillus salivarius"[MeSH Terms] OR ("ligilactobacillus"[All Fields] AND "salivarius"[All Fields]) OR "ligilactobacillus salivarius"[All Fields] OR ("lactobacillus"[All Fields] AND "salivarius"[All Fields]) OR "lactobacillus salivarius"[All Fields]</p>	1,241	15:08:42

When in doubt, consult the MeSH Database

MeSH

[Create alert](#) [Limits](#) [Advanced](#)

Summary Send to:

Search results

Items: 2

- [Ligilactobacillus salivarius](#)
 1. A species of **Lactobacillus** that occurs in the human GASTROINTESTINAL TRACT and ORAL MUCOSA. It produces BACTERIOCINS and is used as a PROBIOTIC.
Year introduced: 2023(2017)

Diseases

ANEURYSM

ANEURYSM, DISSECTING

CAROTID ARTERY, INTERNAL, DISSECTION

LOEYS-DIETZ SYNDROME

VERTEBRAL ARTERY DISSECTION

Diseases (continued 1)

ANEURYSM

AORTIC DISSECTION

CAROTID ARTERY, INTERNAL, DISSECTION

LOEYS-DIETZ SYNDROME

VERTEBRAL ARTERY DISSECTION

Diseases (continued 2)

ANEURYSM

DISSECTION, BLOOD VESSEL

AORTIC DISSECTION

CAROTID ARTERY, INTERNAL, DISSECTION

VERTEBRAL ARTERY DISSECTION

Diseases
(continued 3)

[2022]

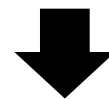
ANEURYSM

ANEURYSM, DISSECTING

CAROTID ARTERY, INTERNAL, DISSECTION

LOEYS-DIETZ SYNDROME

VERTEBRAL ARTERY DISSECTION



[2023]

ANEURYSM


DISSECTION, BLOOD VESSEL

AORTIC DISSECTION

CAROTID ARTERY, INTERNAL, DISSECTION

VERTEBRAL ARTERY DISSECTION


PubMed.gov Search



×

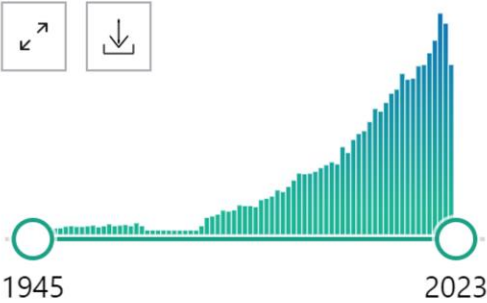
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Sorted by: Best match

MY NCBI FILTERS 
23,123 results

 << < Page of 2,313 > >>

RESULTS BY YEAR



A review of carotid and vertebral artery dissection.

 1 Clark M, Unnam S, Ghosh S.

 Cite Br J Hosp Med (Lond). 2022 Apr 2;83(4):1-11. doi: 10.12968/hmed.2021.0421. Epub 2022 Apr 23.

 PMID: 35506728 Review.

 Share

Spontaneous dissection of the carotid and vertebral arteries.

 2 Schievink WI.

 Cite N Engl J Med. 2001 Mar 22;344(12):898-906. doi: 10.1056/NEJM200103223441206.

 PMID: 11259724 Review No abstract available

TEXT AVAILABILITY


PubMed.gov Search (continued)

PubMed.gov

"DISSECTION, BLOOD VESSEL"[MeSH] × **Search**

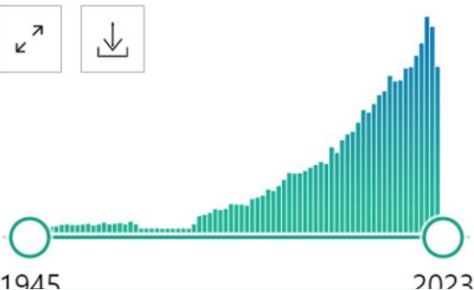
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MY NCBI FILTERS 

23,123 results

RESULTS BY YEAR



1945 2023

[\[Aortic dissection\].](#)

1 Tchana-Sato V, Sakalihan N, Defraigne JO.
Cite Rev Med Liege. 2018 May;73(5-6):290-295.
Share PMID: 29926568 **Free article.** [Review.](#) [French.](#)

[Type A Aortic Dissection-Experience Over 5 Decades: JACC Historical](#)

Navigation: << < Page 1 of 2,313 > >>

AORTIC DISSECTION +
CAROTID ARTERY, INTERNAL, DISSECTION
VERTEBRAL ARTERY DISSECTION

MeSH Changes and PubMed Searching class

MeSH Changes and PubMed Searching 2023

LOGIN TO REGISTER

When the [Medical Subject Headings \(MeSH\)](#) are updated each year, your PubMed searches may be affected. Join us for "MeSH Changes and PubMed Searching" to learn:

- How do MeSH changes affect your PubMed searches?
- What happens when a term gets changed, added, or removed; or moved to a different part of the MeSH hierarchy?
- How do you accommodate vocabulary changes over time in your comprehensive searches?
- How do you check your saved searches and alerts?

Objectives:

Successful participants will be able to:

- Describe how the MeSH vocabulary is maintained
- Explain how the addition, revision, deletion and rearrangement of MeSH terms affect your PubMed searches
- Check your saved searches and alerts for needed changes

By registering for this class, you are agreeing to the [NNLM Code of Conduct](#).

Class Details

Date(s): January 27, 2023

Time: 1:00 PM - 2:30 PM EST

Platform: Zoom

CE Credits: 1.50

Class Experience Level: Beginner, Intermediate, Advanced

This is a National NNLM class.

Learn more about this class and find other upcoming instances:

[MeSH Changes and PubMed Searching On-Demand](#)

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Population Groups

[2022]

RACIAL GROUPS

BLACKS

AMERICAN NATIVE CONTINENTAL ANCESTRY GROUP

ASIANS

WHITES

NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER

ETHNICITY

HISPANIC OR LATINO

Population Groups

[2023]

AFRICAN PEOPLE +

ASIAN PEOPLE +

BLACK PEOPLE +

CARIBBEAN PEOPLE

CENTRAL AMERICAN PEOPLE +

EUROPEAN PEOPLE +

MIDDLE EASTERN AND NORTH AFRICANS +

NORTH AMERICAN PEOPLE +

OCEANIANS +

SOUTH AMERICAN PEOPLE +

WHITE PEOPLE +

1700+

New MeSH Terms on Tribal Nations & Ethnic Communities

HMONG PEOPLE

SWAHILI PEOPLE

MONACAN INDIAN NATION

PISCATAWAY INDIAN NATION

RAMAPOUGH LENAPE NATION

SAC AND FOX NATION

SCHAGHTICOKE TRIBAL NATION

SHINNECOCK INDIAN NATION

UNITED HOUMA NATION

ONEIDA NATION OF WISCONSIN

CATAWBA INDIAN NATION

FORT MCDOWELL YAVAPAI NATION, ARIZONA

PRAIRIE BAND POTAWATOMI NATION

...and much more



National Institute
on Minority Health
and Health Disparities



National Library of Medicine



NLM Office Hours Special Listening Session: MeSH

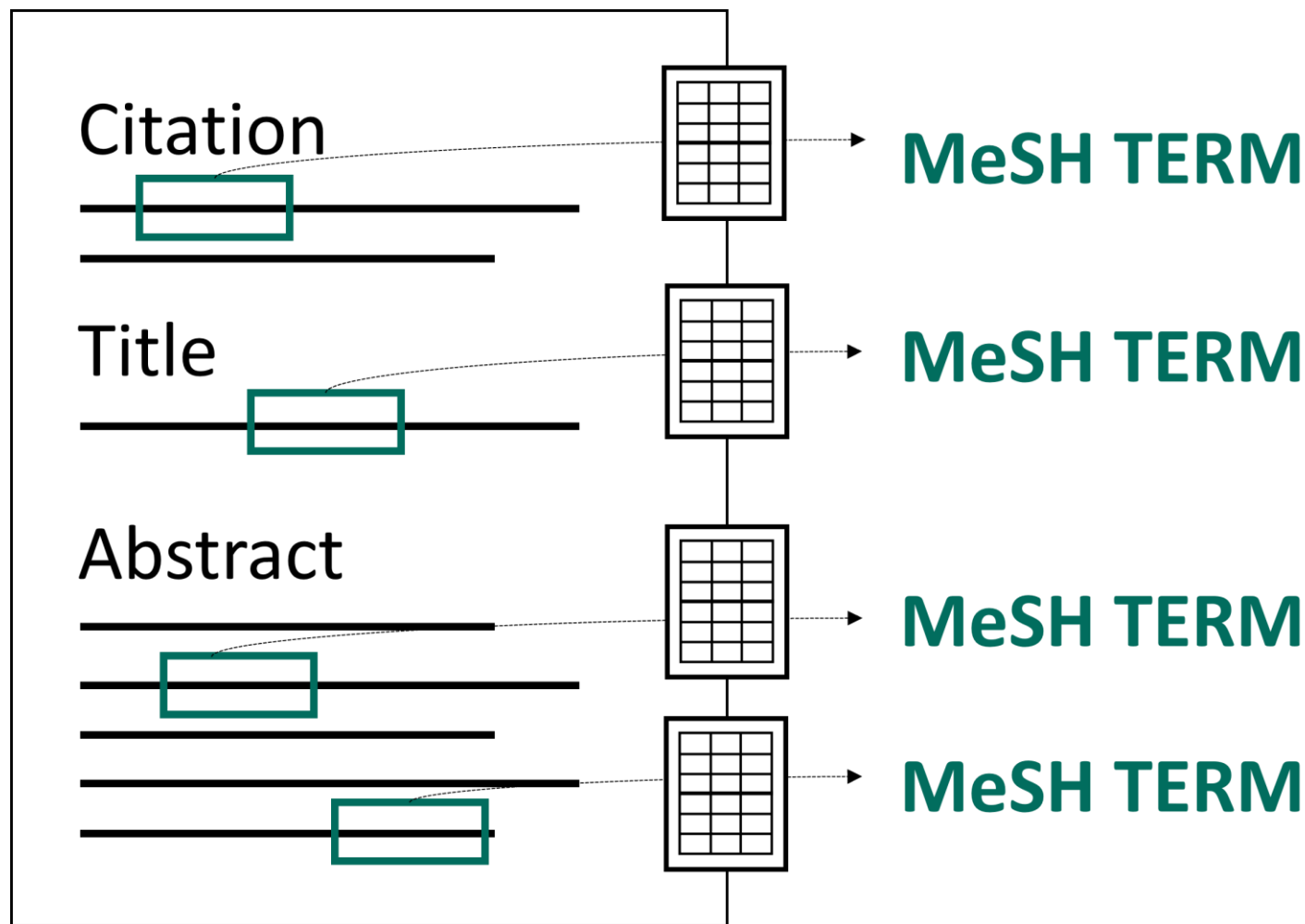
January 18, 2023

2 p.m. – 3 p.m. ET

<https://www.nlm.gov/civicrm-event/737>

New MeSH Terms and Automated Indexing

Medical Text Indexer-Auto (MTIA)



Year-End Processing

MeSH Updates



MTIA
Lookup Lists



MTI-AUTO Indexing Citation

MTI Recommendation Information






MTI-AUTO Indexing Citation

[Provide Feedback](#)

COVID-19 Related

Category Trigger: Has Clinical Trial Highlight PT

Supplementary Concept Record Found

-  Humans
-  sinovac COVID-19 vaccine (NT)
-  *Drug-Related Side Effects and Adverse Reactions
-  Administration, Cutaneous
-  *Exanthema

PMID [34031153](#) (Eur J Hosp Pharm)

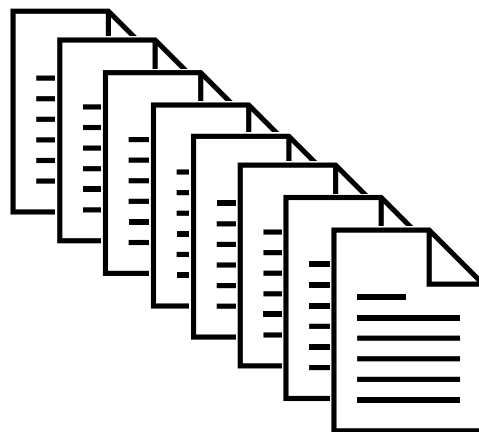
TI - Petechial skin rash associated with CoronaVac vaccination: first cutaneous side effect report before phase 3 results.

Existing PT: Letter

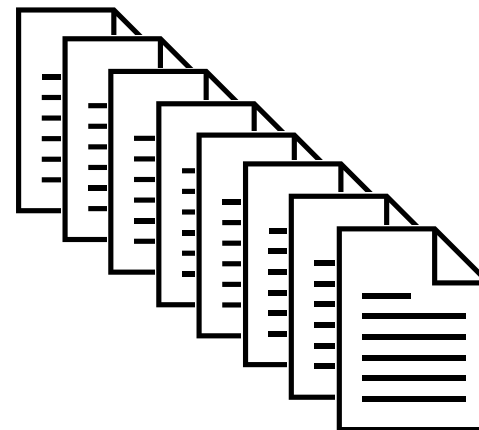
Highlight PT: Clinical Trial, Phase III (phase 3)

MTIA
to
MTIX

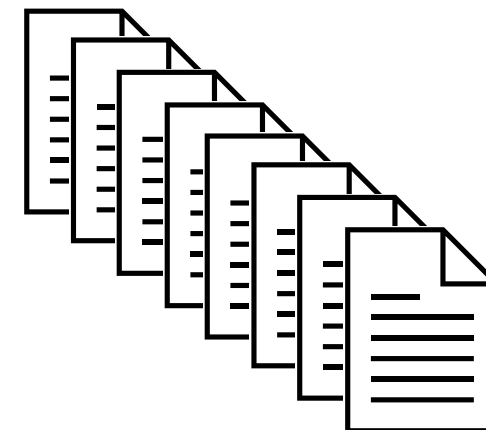
Training Sets



MeSH TERM




MeSH TERM



MeSH TERM

Learn More



PubMed Office Hours

Automated Indexing for MEDLINE

September 21, 2022

Susan Schmidt, Index Section

Q&A with Experts

How to Get Your MLA CE

NNLM & MLA Training Session Evaluation

Thank You!

If you would like to obtain Continuing Education Credit from the Medical Library Association for participating in this class, please go to www.medlib-ed.org and follow the instructions below. ([Learn more about MLA CE](#)).

1. Login (If you do not have a current MLANET login, you will need to create one: [Step-by-step instructions.](#))
2. Click My Learning on the blue bar near the top of the page.
3. Enter the enrollment code , click Redeem, and Claim credit.
4. If you have questions or run into problems with MEDLIB-ED, please email MEDLIB-ED@mail.mlahq.org.

A code will appear in #3 on this screen.

Please note: The Medical Library Association has recently changed their procedures for obtaining CE credit, which includes registering for an account on MEDLIB-ED. While there are several steps, you may note that only a few fields are required. The NNLM no longer provides certificates for MLA CE.

Thank you for completing our evaluation form. Your responses will help the National Network of Libraries of Medicine continue to improve.

100%

MeSH Highlights 2023

