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APPENDIX A

LICENSE AGREEMENT FOR USE OF THE UMLS PRODUCTS

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<http://www.nlm.nih.gov/research/umls/license.html>.

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APPENDIX A.1

Appendix to the License Agreement for Use of the UMLS Knowledge Sources

UMLS METATHESAURUS SOURCE VOCABULARIES -- January 2003AA Edition

Sources are listed in order according to the abbreviations used in the UMLS Metathesaurus files. If additional restrictions and notices apply, the category of restrictions and the special notices appear under the name of the source. See the license agreement for an explanation of the categories of restrictions. Many sources publish printed editions and/or other explanatory information that may be essential to understanding the purpose and application of particular sources in data creation and retrieval. Contact information is provided for each source. Please address questions about permissions or license agreements for additional uses not covered by this Agreement, or other inquiries about individual sources, to the appropriate contacts.

NLM is working toward inclusion in the UMLS Metathesaurus of the complete, current edition of most of these vocabulary sources.

AIR93 AI/RHEUM. Bethesda, (MD): National Library of Medicine, Lister Hill Center, 1993.

Contact: May Cheh, Lister Hill Center, NLM; e-mail: cheh@nlm.nih.gov

ALT2000 Alternative Billing Concepts (AltLink). Las Cruces (NM): Alternative Link LLC, 2000.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Alternative Link LLC; 1065 Main Street, Bldg C; Las Cruces, NM 88005; phone: 505-527-0636;
<http://www.alternativelink.com>; e-mail: mail@alternativelink.com

AOD2000 Alcohol and Other Drug Thesaurus: A Guide to Concepts and Terminology in Substance Abuse and Addiction. 3rd ed. [4 volumes]. Bethesda (MD): National Institute on Alcohol Abuse and Alcoholism (NIAAA) and Center for Substance Abuse Prevention (CSAP), 2000.

Contact: Kathleen Mullen; e-mail: kmullen@his.com

BI98 Beth Israel OMR Clinical Problem List Vocabulary. Version 1.0. Boston (MA): Beth Israel Deaconess Medical Center, 1999.

CATEGORY 2 RESTRICTIONS APPLY

Contact: Howard Goldberg, MD.; e-mail: hgoldber@bidmc.harvard.edu

BRMP2002 Descritores em Ciencias da Saude [Portuguese translation of MeSH]. Sao Paulo (Brazil): Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO, 2002.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elenice de Castro; e-mail: elenice@brm.bireme.br

BRMS2002 Descriptores en Ciencias de la Salud [Spanish translation of MeSH]. Sao Paulo (Brazil): Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO, 2002.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elenice de Castro; e-mail: elenice@brm.bireme.br

CCPSS99 Canonical Clinical Problem Statement System (CCPSS). Version 1.0. Nashville (TN): Department of Biomedical Informatics, Vanderbilt University, 1999.

CATEGORY 3 RESTRICTIONS APPLY

Permission will be freely given for any uses and applications containing CCPSS which are not for sale - i.e. those used internally or given to others without charge.

Contact: Steven Brown, MD., Department of Biomedical Informatics, Vanderbilt University; phone: (615)936-1424; e-mail: sbrown@vumclib.mc.vanderbilt.edu

CCS99 Clinical Classifications Software (CCS) Categories. June 1999 release. Rockville (MD): Agency for Health Care Policy and Research (AHCPR), 1999.

Contact: phone: 1-800-358-9295; <http://www.ahcpr.gov/data/hcup/ccsfact.htm>

CDT4 Current Dental Terminology (CDT) contained in the HCFA Common Procedure Coding System (HCPCS). Version 4. Washington (DC): Health Care Financing Administration, 2002.

CATEGORY 3 RESTRICTIONS APPLY

For CDT the following special notice must be displayed: "For CDT only, copyright 2002 American Dental Association, all rights reserved."

Contact for CDT: Mary Essling, American Dental Association; phone: (312)440-2520

COSTAR_89-95 Computer Stored Ambulatory Records (COSTAR). Boston (MA): Massachusetts General Hospital, 1995, 1993, 1992, 1989.

The UMLS Metathesaurus includes terms that were used frequently at 3 COSTAR sites in the years indicated and supplied to NLM by Massachusetts General Hospital.

Contact: G. Octo Barnett, M.D., Laboratory of Computer Science, Massachusetts General Hospital; e-mail: obarnett@warren.med.harvard.edu

CPM93 Columbia Presbyterian Medical Center Medical Entities Dictionary (MED). New York (NY): Columbia Presbyterian Medical Center, 1993.

The UMLS Metathesaurus includes a relatively small number of terms created at Columbia Presbyterian Medical Center for the MED, which also includes terms obtained from the UMLS Metathesaurus and other sources.

CATEGORY 2 RESTRICTIONS APPLY.

Contact: James Cimino, M.D.; e-mail: jjc7@columbia.edu;
<http://www.cpmc.columbia.edu/homepages/gum7001/topics/index.html>

CPT01SP Physicians' Current Procedural Terminology (CPT), Spanish translation. 4th ed. Chicago (IL): American Medical Association, 2001.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: <http://www.ama-assn.org>

CPT2003 Physicians' Current Procedural Terminology (CPTTM). 4th ed. Chicago (IL): American Medical Association, 2003.

CATEGORY 3 RESTRICTIONS APPLY.

The following special notice must be displayed:

"CPTTM only Copyright 2003 American Medical Association. All rights Reserved. No fee schedules, basic unit, relative values or related listings are included in CPTTM. AMA does not directly or indirectly practice medicine or dispense medical services. AMA assumes no liability for data contained herein.

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Contact: Shelley J. Jacobs, CPT Intellectual Property Services, American Medical Association, 515 N. State Street, Chicago, IL 60610; fax: (312)464-5762; <http://www.ama-assn.org>

CSP2002 Computer Retrieval of Information on Scientific Projects (CRISP). Bethesda (MD): National Institutes of Health, Division of Research Grants, Research Documentation Section, 2002.

Contact: <http://www-commons.cit.nih.gov/crisp>

CST95 Coding Symbols for Thesaurus of Adverse Reaction Terms (COSTART) . Rockville (MD): Food and Drug Administration, Center for Drug Evaluation and Research, 1995.

COSTART has been superseded by the Medical Dictionary for Regulatory Activities (MedDRA) Terminology.

DDB00 Diseases Database 2000. London (England): Medical Object Oriented Software Enterprises Ltd., 2000.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Malcolm Duncan; <http://www.diseasesdatabase.com/>

DMD2003 German translation of the MeSH. Cologne (Germany): Deutsches Institut fuer Medizinische Dokumentation und Information, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Elisabeth Berg-Schorn; e-mail: helpdesk@dimdi.de; <http://www.dimdi.de>

DMDICD10_1995 Internationale Klassifikation der Krankheiten 10 [German translation of ICD10]. Cologne (Germany): Deutsches Institut fuer Medizinische Dokumentation und Information, 2000.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Dr. Michael Schopen; e-mail: schopen@dimdi.de; <http://www.dimdi.de>

DMDUMD_1996 Die Nomenklatur fuer Medizinprodukte UMDNS [German translation of UMDNS]. Cologne (Germany): Deutsches Insitut fuer Medizinische Dokumentation und Information, 2000.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Dr. Michael Schopen; e-mail: schopen@dimdi.de; <http://www.dimdi.de>

DSM3R_1987 Diagnostic and Statistical Manual of Mental Disorders (DSM-III-R). 3rd ed. rev. Washington (DC): American Psychiatric Association, 1987.

CATEGORY 3 RESTRICTIONS APPLY

Contact: see entry for DSM4

DSM4_1994 Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). Washington (DC): American Psychiatric Association, 1994.

CATEGORY 3 RESTRICTIONS APPLY

The APA usually charges small administrative fees for copyright permissions, but these may be waived for research purposes. All users should apply for permission in writing or by email to:

Contact: Customer Service, American Psychiatric Press, Inc. 1400 K Street, N.W. Washington, DC 2005; e-mail: csdept@appi.org; <http://www.appi.org>

DUT2001 Nederlandse vertaling van Mesh (Dutch translation of MeSH). Amsterdam, The Netherlands: Nederlands Tijdschrift voor Geneeskunde (Dutch Journal of Medicine), 2001.

CATEGORY 3 RESTRICTIONS APPLY

Contact: A.J.P.M.Overbeke, overbeke@ntvg.nl; Nederlands Tijdschrift voor Geneeskunde (Dutch Journal of Medicine), P.O.Box 75971, 1070 AZ Amsterdam, The Netherlands; <http://www.ntvg.nl>

DXP94 DXplain (An expert diagnosis program). Boston (MA): Massachusetts General Hospital.

Contact: G. Octo Barnett, M.D., Laboratory of Computer Science, Massachusetts General Hospital; e-mail: obarnett@partners.org; <http://www.lcs.mgh.harvard.edu>

FIN2003 Finnish translation of MeSH. Helsinki (Finland): Finnish Medical Society Duodecim, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Peter Nyberg, MD; e-mail: peter.nyberg@sll.fimnet.fi

HCPT03 HCPCS Version of Current Dental Terminology (CDT). Version 4. Washington (DC): Health Care Financing Administration, 2002.

CATEGORY 3 RESTRICTIONS APPLY

HCPCS03 Health Care Financing Administration (HCFA) Common Procedure Coding System (HCPCS). Washington (DC): Health Care Financing Administration, 2003.

The American Medical Association's CPTTM codes in HCPCS have a Source Abbreviation of HCPT03. The American Dental Association's CDT codes in HCPCS have a Source Abbreviation of HCPT03.

Contact for HCPCS: C. Kaye Riley, Health Care Financing Administration; e-mail: criley@hcfa.gov

HCPT03 HCPCS Version of Current Procedural Terminology (CPT). Washington (DC): Health Care Financing Administration, 2003.

CATEGORY 3 RESTRICTIONS APPLY

HHC96 Saba, Virginia. Home Health Care Classification of Nursing Diagnoses and Interventions. Washington (DC): Georgetown University, 1996.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Virginia Saba, Ph.D., R.N.,; e-mail: vsaba@worldnet.att.net; phone: (703)521-6132; fax: (703)521-3866; <http://www.sabacare.com/>

HL7_1998-2002 Health Level Seven Vocabulary (HL7). Ann Arbor (MI): Health Level Seven, 1998.

Contact: Health Level Seven, 3300 Washtenaw Avenue, Suite 227, Ann Arbor MI 48104-4250; phone: (734)677-7777; fax: (734)677-6622; e-mail: HQ@HL7.ORG; <http://www.hl7.org>

ICD10_1998, ICD10AE_1998 International Statistical Classification of Diseases and Related Health Problems (ICD-10). Tenth Revision. Geneva (Switzerland): World Health Organization, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Office of Publications, World Health Organization, 1211 Geneva 27, Switzerland;
<http://www.who.int/whosis/icd10>

ICD10AM_2000 International Statistical Classification of Diseases and Related Health Problems. Tenth Revision, Australian Modification; 2nd Edition: January 2000.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Developed and Maintained by the National Centre for Classification in Health, University of Sydney, Faculty of Health Sciences; PO Box 170 Lidcombe, NSW, Australia 1825; Phone: 2 9351 9461

ICD9CM_2003 International Classification of Diseases: 9th revision, Clinical Modification (ICD-9-CM). 6th ed. Washington (DC): Centers for Medicare and Medicaid Services; July 2002.

NLM has generated fully specified titles for ICD-9-CM codes in cases in which the official ICD-9-CM titles consist of extensions to higher levels in the ICD-9-CM hierarchy. The fully specified names were produced with reasonable care, but have not yet been reviewed and approved by the producers of ICD-9-CM.

Contact: Patricia E. Brooks, pbrooks@cms.hhs.gov; <http://www.cms.hhs.gov/medicare/icd9cm.asp>

ICPC2E_1998, ICPC2AE_1998 International Classification of Primary Care: 2nd ed. electronic form. Classification Committee of the World Organization of National Colleges, Academies, and Academic Associations of General Practitioners/Family Physicians (WONCA), known more briefly as the World Organization of Family Doctors; 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Henk Lamberts (H.Lamberts@AMC.UVA.NL) and Inge Okkes (I.m.okkes@amc.una.nl)

See reference: Okkes, IM; Jamouille, M; Lamberts, H; Bentzen, N. ICPC-2-E: the electronic version of ICPC-2. Differences from the printed version and the consequences. *Family Practice*; 2000; 17:101-107.

ICPC2P_2000, ICPCPAE_2000 International Classification of Primary Care: Version 2-Plus: Australian Modification; January, 2000.

CATEGORY 3 RESTRICTIONS APPLY

ICPC93 Lamberts, Henk, Wood, Maurice, and Hofmans-Okkes, Inge, editors. International Classification of Primary Care (ICPC) in The European Community (with a multi language layer on a floppy disk). Oxford: Oxford University Press, 1993.

This year, the Metathesaurus has also included translations of ICPC93 in Basque (ICPCBAQ_1993), Danish (ICPCDAN_1993), Dutch (ICPCDUT_1993), Finnish (ICPCFIN_1993), French (ICPCFRE_1993), German (ICPCGER_1993), Hebrew (ICPCHEB_1993), Hungarian (ICPCHUN_1993), Italian (ICPCITA_1993), Norwegian (ICPCNOR_1993), Portuguese (ICPCPOR_1993), Spanish (ICPCSPA_1993), and Swedish (ICPCSWE_1993).

Contact: Henk Lamberts; e-mail: H.Lamberts@AMC.UVA.NL or Inge Okkes; e-mail: I.m.okkes@amc.una.nl; University of Amsterdam

INS2002 Thesaurus Biomedical Francais/Anglais [French translation of MeSH]. Paris (France): Institut National de la Sante et Recherche Medicale, 2002.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Annie Advocat; e-mail: advocat@inserm-dicdoc.u-strasbg.fr; <http://www.inserm.fr>

ITA2003 Italian translation of MeSH. Rome (Italy): Istituto Superiore di Sanita Servizio Documentazione, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Dr. Adriana Dracos, Viale Regina Elena, 229 00616 Rome Italy; phone: 39-06-49902280; fax: 39-06-49387117; e-mail: dracos@iss.it

JABL99 Online Congenital Multiple Anomaly/Mental Retardation Syndromes. Stanley Jablonski. Bethesda (MD): National Library of Medicine, 1999.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Stanley Jablonski, National Library of Medicine, Bethesda MD; e-mail: stanley_jablonski@nlm.nih.gov; http://www.nlm.nih.gov/mesh/jablonski/syndrome_title.html

LCH90 Library of Congress Subject Headings. 12th ed. Washington (DC): Library of Congress, 1989.

There are later editions of this source that are not reflected in the UMLS Metathesaurus. This source has considerable non-biomedical content and will never be included in the Metathesaurus in its entirety.

Contact: <http://www.lcweb.loc.gov>

LNC205 Logical Observations Identifiers, Names, and Codes (LOINC). Version 2.05. Indianapolis (IN): The Regenstrief Institute, 2002.

Contact: <http://www.loinc.org>

MCM92 Haynes, Brian. Glossary of Methodologic Terms for Clinical Epidemiologic Studies of Human Disorders. Hamilton, Ontario (Canada): McMaster University, 1992.

Contact: R. Brian Haynes, M.D., Ph.D.; e-mail: bhaynes@fhs.mcmaster.ca

MDDDB99 Master Drug DataBase (MDDDB). St. Louis (MO): Facts and Comparisons, 1999.

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://www.factsandcomparisons.com>

MDR51 Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 5.1, September, 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MDRAE51 Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English Equivalents, Version 5.1, September, 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MDREA51 Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English, with expanded abbreviations, Version 5.1, September, 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).
CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MDREX51 Medical Dictionary for Regulatory Activities Terminology (MedDRA), with expanded abbreviations, Version 5.1, September, 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MDRPOR51 Medical Dictionary for Regulatory Activities Terminology (MedDRA), Version 5.1, Portuguese Edition, October 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MDRSPA51 Medical Dictionary for Regulatory Activities Terminology (MedDRA), Version 5.1, Spanish Edition, October 2002. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH).

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://meddramsso.com>

MIM93 Victor A. McKusick, ed. Online Mendelian Inheritance in Man (OMIM). Baltimore (MD): Johns Hopkins University, 1994.

To date the UMLS Metathesaurus contains a relatively small amount of data from this source.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Joanna Amberger, Johns Hopkins University; e-mail: joanna@ncbi.nlm.nih.gov;
<http://www.ncbi.nlm.nih.gov/omim> (This site contains the entire database).

MMSL01 Multum MediSource Lexicon. Denver (CO): Multum Information Services, Inc., July 2001.

CATEGORY 1 RESTRICTIONS APPLY

Contact: 1-888-633-4772; <http://www.multum.com>

MMX01 Micromedex DRUGDEX. Englewood (CO): Micromedex, 2001.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Micromedex, 6200 South Syracuse Way, Suite 300, Englewood CO 80111-4740; phone: (800) 525-9083;
e-mail: info@mdx.com; <http://www.micromedex.com>

MSH2003_2002_10_24 Medical Subject Headings (MeSH). Bethesda (MD): National Library of Medicine, October 24, 2002.

This source has been translated into many languages. To date, eight of the translations have been incorporated into the UMLS Metathesaurus.

Contact: Stuart Nelson, M.D., Head, MeSH Section; e-mail: nelson@nlm.nih.gov;
<http://www.nlm.nih.gov/mesh>

MTH UMLS Metathesaurus. Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to facilitate creation of the UMLS Metathesaurus. There are relatively few of them.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHCH03 UMLS Metathesaurus Hierarchical CPT terms. Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to provide contextual information for CPTTM.

CATEGORY 3 RESTRICTIONS APPLY

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHHH03 Metathesaurus Hierarchical HCPCS Terms (These terms were created by the NLM to provide contextual information for HCPCS). Bethesda (MD): National Library of Medicine.

Concept names with this source abbreviation were created by NLM to provide contextual information for HCPCS.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHICD9_2003 NLM-generated Entry Terms for ICD-9-CM. Bethesda (MD): National Library of Medicine.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

MTHMST2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: International Edition April 22, 1998.

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

MTHMSTFRE_2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: French Edition April 22, 1998.

*NOTE: Now a CATEGORY 0

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

MTHMSTITA_2001 Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy: Italian Edition April 22, 1998.

*NOTE: Now a CATEGORY 0

Contact: Michele Tringali, tringali.michele@aoud.sanita.fvg.it

NAN99 Carroll-Johnson, Rose Mary, editor. Classification of Nursing Diagnoses. Proceedings of the 10th conference, North American Diagnosis Association. Philadelphia (PA): Lippincott, 1999.

CATEGORY 3 RESTRICTIONS APPLY to commercial use.

Contact: NANDA, 1211 Locust St, Philadelphia, PA 19107; phone: (800)647-9002

NCBI2001 NCBI Taxonomy, Bethesda (MD): National Center for Biotechnology Information, 2001.

Contact: www.ncbi.nlm.nih.gov/Taxonomy

NCI2001a NCI Thesaurus. Version 3.0. Bethesda (MD): National Cancer Institute, National Institutes of Health, July 2001.

Contact: Sherri de Coronado; e-mail: decorons@exchange.nih.gov

NDDF01 National Drug Data File. San Bruno (CA): First DataBank Inc., June 2001.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: <http://www.firstdatabank.com/>

NEU99 Bowden, Douglas M., Martin, Richard F., Dubach, Jov G. Neuronames Brain Hierarchy. Seattle (WA): University of Washington, Primate Information Center, 1999.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Douglas M. Bowden, M.D., Regional Primate Research Center, University of Washington, Box 357330, Seattle, WA 98195; e-mail: dmbowden@u.washington.edu;
<http://rprcsci.rprc.washington.edu/neuronames/index.html>

NIC99 McCloskey, Joanne C.; Bulechek, Gloria M., editors. Nursing interventions classification (NIC): Iowa intervention project. St. Louis (MO): Mosby Year Book, 1999.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Katherine Taylor, Mosby-Year Book; phone: (800)345-8738, ext. 7419; e-mail: katherine.taylor@mosby.com; <http://www.nursing.uiowa.edu/centers/cncce/nic/index.htm>

NOC97 Johnson, Marion; Maas, Meridean, editors. Nursing Outcomes Classification (NOC): Iowa outcomes project. St. Louis (MO): Mosby Year Book, 1997.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: Katherine Taylor, Mosby-Year Book; phone: (800)345-8738, ext. 7419; e-mail: katherine.taylor@mosby.com; <http://www.nursing.uiowa.edu/centers/cncce/noc/index.htm>

OMS94 Martin, Karen S., Scheet, Nancy J. The Omaha System: Applications for Community Health Nursing. Philadelphia (PA): W.B. Saunders, 1992. (with 1994 corrections)

CATEGORY 1 RESTRICTIONS APPLY.

Contact: Karen S. Martin, RN, MSN, FAAN, 2115 South 130th Street, Omaha, Nebraska 68144; fax: (402)333-2091

PCDS97 Ozbolt, Judy Grace. Patient Care Data Set (PCDS). Version 4.0. Nashville (TN): Vanderbilt University School of Nursing, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Judy Ozbolt, Vanderbilt School of Nursing, 400-C Godchaux Hall, Nashville TN 37240-0008; phone: (615)343-3291; e-mail: judy.ozbolt@mcmail.vanderbilt.edu

PDQ2002 Physician Data Query Online System (PDQ). Bethesda (MD): National Cancer Institute, July 2002.

Contact: Dr. Gisele Sarosy, National Cancer Institute; e-mail: gisele@icic.nci.nih.gov; <http://cancernet.nci.nih.gov>

PPAC98 Pharmacy Practice Activity Classification (PPAC). Washington (DC): American Pharmaceutical Association. January, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Scott Antall, American Pharmaceutical Association - Academy of Pharmaceutical Research and Science; e-mail: ssa@mail.aphanet.org

PSY2001 Thesaurus of Psychological Index Terms. Ninth Edition. Washington (DC): American Psychological Association, 2001.

CATEGORY 3 RESTRICTIONS APPLY.

Contact: PsycINFO Permissions; phone: (800)374-2722; e-mail: PsycINFO@APA.org; <http://www.apa.org>

QMR96 Quick Medical Reference (QMR). San Bruno (CA): First Databank, 1997.

Contact: <http://www.firstdatabank.com>

RAM99 Randolph A. Miller Clinically Related Concepts. Nashville (TN): Vanderbilt University, 1999.

Contact: Randy Miller, randolph.a.miller@vanderbilt.edu

RCD99, RCDAE_1999, RCDSA_1999, RCDSY_1999

Clinical Terms Version 3 (Read Codes) (Q199). England: National Health Service Centre for Coding and Classification, March 1999.

CATEGORY 3 RESTRICTIONS APPLY

Contact: NHS Information Authority Loughborough, Woodgate, Loughborough, Leicestershire LE11 2TG; fax: (0) 1509 211611; e-mail: helpdesk3@nhscce.exec.nhs.uk

RUS2003 Russian Translation of MeSH. Moscow (Russia): State Central Scientific Medical Library, 2003.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Natalya Lomova, Head of Department State Central Scientific Medical Library, Nakhimovsky prospekt 49, Moscow, GSP 117418, Russia; e-mail: vld@vyugin.mccme.rssi.ru

RXNORM_03AA RxNorm work done by the National Library of Medicine (NLM), Bethesda (MD), National Library of Medicine, META2003AA release.

This release contains concepts created by the National Library of Medicine which express the meaning of a drug name in a normalized form. These concepts relate the names of orderable medications to a dose form and the components of those medications. For further discussion, see the article at:

<http://umlsinfo.nlm.nih.gov/RxNorm.html>

Contact: Stuart Nelson, M.D., Head, MeSH Section; e-mail: nelson@nlm.nih.gov

SNM2 Cote, Roger A., editor. Systematized nomenclature of medicine. 2nd ed. Skokie (IL): College of American Pathologists, 1979. SNOMED update, 1982. Skokie (IL): College of American Pathologists, 1982.

CATEGORY 3 RESTRICTIONS APPLY

Contact: See entry for SNMI.

SNMI98 Cote, Roger A., editor. Systematized Nomenclature of Human and Veterinary Medicine: SNOMED International. Version 3.5. Northfield (IL): College of American Pathologists; Schaumburg (IL): American Veterinary Medical Association, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: <http://www.snomed.org>

SPN02 Standard Product Nomenclature (SPN). Rockville (MD): U.S. Food and Drug Administration, 2002.

Contact: <http://www.fda.gov/cdrh/prodcode.html>

SRC Entries for UMLS Metathesaurus Source Terminologies. Bethesda (MD): National Library of Medicine.

Contact: William T. Hole, M.D., Lister Hill Center, NLM; e-mail: wth@nlm.nih.gov

ULT93 Bell, Douglas. Ultrasound Structured Attribute Reporting (UltraSTAR). Boston (MA): Brigham & Womens Hospital, 1993.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Robert Greenes, M.D., Ph.D., Brigham & Womens Hospital; e-mail: greenes@harvard.edu

UMD2003 Universal Medical Device Nomenclature System: Product Category Thesaurus. Plymouth Meeting (PA): ECRI, 2003.

CATEGORY 1 RESTRICTIONS APPLY.

Contact: Elizabeth Richardson, Director of Database and Nomenclature Systems, ECRI; e-mail: erichard@ecri.org; <http://www.ecri.org>

UWDA155 University of Washington Digital Anatomist Symbolic Knowledge Base. Rosse Cornelius. Structural Informatics Group, Department of Biological Structure, University of Washington, Seattle, Version 1.5.5, January 2001.

Contact: Jose Mejino, M.D.; e-mail: onard@biostr.washington.edu; <http://sig.biostr.washington.edu/projects/da/>

VANDF01 U.S. Department of Veterans Affairs, Veterans Health Administration National Drug File. Department of Veterans Affairs, Washington, DC. Release Date: September 5, 2001.

*NOTE: Now a CATEGORY 0

Contact: <http://www.vapbm.org/>

WHO97 WHO Adverse Drug Reaction Terminology (WHOART). Uppsala (Sweden): WHO Collaborating Centre for International Drug Monitoring, 1997.

WHOART will be superseded by the Medical Dictionary for Regulatory Activities (MedDRA) Terminology.

CATEGORY 2 RESTRICTIONS APPLY.

The Metathesaurus includes translations of WHO97 in French (WHOFRE_1997), German (WHOGER_1997), Portuguese (WHOPOR_1997), and Spanish (WHOSPA_1997).

Contact: WHO Collaborating Centre for International Drug Monitoring, Stora Target 3, S-753 20 Uppsala, Sweden; fax: 18-656080

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