



Unified Medical Language System

APPENDIX A

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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 National Center for Biomedical Communications, National Library of Medicine, Building 38A, Room 9E902, 8600 Rockville Pike, Bethesda, MD 20894; e-mail: cheh@nlm.nih.gov.

ALT2008 (updated) - ABC Codes and Terminology; 9th; Albuquerque, NM; ABC Coding Solutions - Alternative Link; 2008

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Contact: ABC Coding Solutions - Alternative Link; 6121 Indian School Road NE; Suite 131; Albuquerque; NM; United States; 87110; 1-877-621-5465; 1-505-875-0002; Legal@ABCcodes.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: Nancy Winstanley, NIAAA Library, c/o CSR Incorporated 2107 Wilson Blvd., Suite 1000, Arlington, VA 22201; phone: 703-741-7147; e-mail: nwinstanley@csrincorporated.com

AOT2003 - Authorized Osteopathic Thesaurus. Educational Council of Osteopathic Principles of the American Association of Colleges of Osteopathic Medicine: Chevy Chase MD, 2004

Contact:

BI 98 - Beth Israel OMR Clinical Problem List Vocabulary. Version 1.0. Boston (MA): Beth Israel Deaconess Medical Center, 1999. Contact: Howard Goldberg, MD.; <http://clinquery.bidmc.harvard.edu>.

[CATEGORY 2 RESTRICTIONS APPLY](#)

Contact: Daniel Z. Sands, M.D., M.P.H., Clinical Systems Integration Architect, Center for Clinical Computing, Beth Israel Deaconess Medical Center, Harvard University, 330 Brookline Avenue, Boston, MA 02215; Phone: 617-667-1510; Fax: 810-592-0716; e-mail: dsands@bidmc.harvard.edu

CCPSS99 - Canonical Clinical Problem Statement System, Version 1.0 June 23, 1999.

Contact: sbrown@vumclib.mc.vanderbilt.edu

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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.

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Biomedical Library, Vanderbilt University Medical Center, 2209 Garland Ave Nashville TN 37232-8340;
Office: (615) 321-6335; email: sbrown@vumclib.mc.vanderbilt.edu

CCS2005 - Clinical Classifications Software (CCS). Agency for Healthcare Research and Quality (AHRQ), Rockville, MD. Release Date: April 2005. URL: <http://www.hcup-us.ahrq.gov/toolssoftware/ccs/ccs.jsp> Phone: 301-594-1364.

Contact: Anne Elixhauser, Ph.D., Senior Research Scientist, Agency for Healthcare Research and Quality, 540 Gaither Road, Rockville, MD 20850; phone: (301) 427-1411; fax: (301) 594-1430; phone: 1-800-358-9295; email: AElixhau@AHRQ.gov

CDT2007-2008B (updated) - Current Dental Terminology 2007-2008B (CDT-2007/2008); Chicago, IL; American Dental Association; 2008

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For CDT the following special notice must be displayed:

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Contact: Tamra Kempf; Chief Legal Counsel; American Dental Association; 211 East Chicago Ave.; Chicago; IL; United States; 60611-2678; 1-312-440-2500 ext. 2813; kempft@ada.org

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

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, 50 Staniford Street, 5th Floor, Boston, MA 02114; phone: (617) 726-3939; fax: (617) 726-8481; e-mail: Barnett.Octo@mgh.harvard.edu

CPM2003 - Medical Entities Dictionary (CPM), Columbia Presbyterian Medical Center Medical Entities Dictionary. New York (NY): Columbia Presbyterian Medical Center, 2003

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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.

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CPT2008 (updated) - Current Procedural Terminology (CPT); American Medical Association; 2008; Chicago (IL)

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CPT2005 - Current Procedural Terminology (CPT), 4th ed. Chicago (IL): American Medical Association, 2004. <http://www.ama-assn.org/>

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Contact: Dorith Brown, CPT Intellectual Property Services, American Medical Association, 515 N. State Street, Chicago, IL 60610; fax: (312)464-5762

CPT01SP - Current Procedural Terminology (CPT), Spanish Translation. 4th ed. Chicago (IL): American Medical Association, 2000. <http://www.ama-assn.org/>.

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Contact: Dorith Brown, CPT Intellectual Property Services, American Medical Association, 515 N. State Street, Chicago IL 60610; Fax: (312) 464-5762

CSP2006 - Computer Retrieval of Information on Scientific Projects (CRISP). Bethesda (MD): National Institutes of Health, Division of Research Grants, Research Documentation Section, 2006.

Contact: Dorrette Finch, Director, Division of Research Documentation, ORA, OER, National Institutes of Health, 6701 Rockledge Drive, Bethesda MD 20892-7983; email: dw33v@nih.gov

CST95 - Coding Symbols for Thesaurus of Adverse Reaction Terms (COSTART). 5th ed. Rockville (MD): U. S. Food and Drug Administration, Center for Drug Evaluation and Research, 1995.

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

Contact: National Technical Information Service. <http://www.ntis.gov/fcpc/cpn5580.htm>

DDB00 - Diseases Database 2000. May, 2000. London (England): Medical Object Oriented Software Enterprises Ltd., 2000. Contact: Malcolm Duncan <mhduncan@compuserve.com>; <http://www.diseasesdatabase.com/>.

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Contact: Malcolm H. Duncan, Medical Object Oriented Software Enterprises Ltd, Unit 36c Marryat Square, Fulham, London SW6 6UA, UK; Tel: 44 (0)20 7381 4220; Mobile: 07710 483088; email: mhduncan@compuserve.com; URL: <http://www.diseasesdatabase.com/>

DMDICD10_1995 - Internationale Klassifikation der Krankheiten 10 [German translation of ICD10]. Germany: Deutsches Institut fuer Medizinische Dokumentation und Information, 1998.

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Contact: Dr. Michael Schopen; e-mail: schopen@dimdi.de; Deutsches Institut fur Medizinische Dokumentation und Information (DIMDI), Postfach 420580, D-50899 Koln, Germany; phone: 49-221-472-4252; fax: 49-221-41-1429

DMDUMD_1996 - Die Nomenklatur fuer Medizinprodukte UMDNS [German translation of UMDNS]. Germany: Deutsches Institut fuer Medizinische Dokumentation und Information, 1996.

CATEGORY 1 RESTRICTIONS APPLY

Contact: Dr. Michael Schopen; Deutsches Institut fur Medizinische Dokumentation und Information (DIMDI), Postfach 420580, D-50899 Koln, Germany; tel: 49-221-472-4252; FAX: 49-221-41-1429; e-mail: helpdesk@dimdi.de; URL: www.dimdi.de

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

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Contact: Customer Service, American Psychiatric Press Inc., 1400 K Street N.W., Washington DC 20005; e-mail: csdept@appi.org

DSM4_1994 - Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). 4th ed. Washington (DC): American Psychiatric Association, 1994.

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DXP94 - DXplain (An expert diagnosis program). Boston (MA): Massachusetts General Hospital, 1994.

Contact: G. Octo Barnett, M.D., Laboratory of Computer Science, Massachusetts General Hospital, 50 Staniford Street, 5th Floor, Boston, MA 02114; phone: (617) 726-3939; fax: (617) 726-8481; e-mail: [Barnett.Octo@mgh.harvard](mailto:Barnett.Octo@mgh.harvard.edu)

GO2007_02_01 - Gene Ontology. The Gene Ontology Consortium. February 1, 2007. To reference the Gene Ontology Consortium, cite this paper: The Gene Ontology Consortium. Gene Ontology: tool for the unification of biology. Nature Genet. (2000) 25:25-29. Article available from: <http://www.geneontology.org/GO.cite.shtml#cite>.

Contact: <http://www.geneontology.org/GO.cite.shtml>; go@geneontology.org

GS_2008_01_08 (updated) - Gold Standard Alchemy; 302 Knights Run Ave, Suite 800, Tampa, FL 33602; Gold Standard

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

HCDT2007-2008B (updated) - HCPCS Version of Current Dental Terminology 2007-2008 (CDT-7/8); Chicago, IL; American Dental Association; 2008

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Contact: Tamra Kempf; Chief Legal Counsel; American Dental Association; 211 East Chicago Ave.; Chicago; IL; United States; 60611-2678; 1-312-440-2500 ext. 2813; kempft@ada.org

HCPCS2008 (updated) - Healthcare Common Procedure Coding System (HCPCS); Baltimore, MD; Centers for Medicare & Medicaid Services; 2008

The American Medical Association's CPT™ codes in HCPCS have a Source Abbreviation of HCPT04. The American Dental Association's CDT codes in HCPCS have a Source Abbreviation of HCDT4.

Contact: Cynthia Hake; Centers for Medicare & Medicaid Services (CMS); 7500 Security Boulevard; Baltimore; MD; United States; 21244; 1-410-786-3404; Cynthia.Hake@cms.hhs.gov; <http://cms.hhs.gov/>

HCPT2008 (updated) - Version of Physicians' Current Procedural Terminology (CPT) included in the Healthcare Common Procedure Coding System (HCPCS); Baltimore, MD; Centers for Medicare & Medicaid Services; 2008

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Contact: Cynthia Hake; Centers for Medicare & Medicaid Services (CMS); 7500 Security Blvd.; Baltimore; MD; United States; 21244; 1-410-786-3404; Cynthia.Hake@cms.hhs.gov; <http://cms.hhs.gov/>

HHC2003 - Saba, Virginia. Home Health Care Classification of Nursing Diagnoses and Interventions. Washington (DC): Georgetown University, 2003.

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Contact: Virginia K. Saba, EdD, RN, FAAN, FACMI, LL, Distinguished Scholar, Adjunct, Georgetown University, Washington, DC; Professor, Adjunct, USUHS, Bethesda, MD 2332 South Queen Street, Arlington VA 22202; Tel: 703-521-6132; Fax: 703-521-3866; e-mail: vsaba@worldnet.att.net

HL7V2.5_2003_08_30 - Health Level Seven Vocabulary (HL7). Ann Arbor (MI): Health Level Seven, 1998-2002. Contact: Mark McDougall, Executive Director, Health Level Seven; 3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104-4250; Phone: (734)677-7777; Fax: (734)677-6622; Email: HQ@HL7.ORG ; Web site: www.HL7.ORG.

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

HL7V3.0_2006_05 - Health Level Seven Vocabulary (HL7). Ann Arbor (MI): Health Level Seven, 1998-2006. Contact: Mark McDougall, Executive Director, Health Level Seven; 3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104-4250; Phone: (734)677-7777; Fax: (734)677-6622; Email: HQ@HL7.ORG ; Web site: www.HL7.ORG.

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

HLREL_1998 - ICPC2E-ICD10 relationships from Dr. Henk Lamberts (HLREL), 1998. University of Amsterdam. Contact: H.Lamberts@AMC.UVA.NL.

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Contact: Henk Lamberts (HLREL), University of Amsterdam; email: H.Lamberts@AMC.UVA.NL.

HUGO2007_01 - HUGO Gene Nomenclature, HUGO Gene Nomenclature Committee, Department of Biology, University College London, Wolfson House, 4 Stephenson Way, London NW1 2HE, UK. Tel: 44-20-7679-5027 Fax: 44-20-7387-3496 e-mail: nome@galton.ucl.ac.uk

Contact: nome@galton.ucl.ac.uk

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

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Office of Publications, World Health Organization, 1211 Geneva 27, Switzerland

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Contact: National Centre for Classification in Health, University of Sydney, Faculty of Health Sciences; PO Box 170 Lidcombe, NSW, Australia 1825; Phone: +61 2 9351 9461

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Contact: National Centre for Classification in Health University of Sydney Faculty of Health Sciences PO Box 170 Lidcombe, NSW Australia 1825; phone: +61 2 9351 9461

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Contact: Inge M. Okkes, PhD, Department of Family Practice, Division Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ AMSTERDAM, The Netherlands; Tel: 31 20 566 4660; E-mail: i.m.okkes@amc.uva.nl

ICD9CM_2008 - U.S. Department of Health and Human Services, Centers for Medicare & Medicaid Services; ICD-9-CM [computer file]: International Classification of Diseases, Ninth Revision, Clinical Modification; October 1, 2006; Baltimore, MD

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 Brooks; Contact for Procedures; Health Care Financing Administration; Centers for Medicare & Medicaid Services; 7500 Security Boulevard; Baltimore; MD; United States; 21244; pbrooks@hcfa.gov; <http://www.cms.hhs.gov/>

ICD9CM_1998 - ICD-9-CM [computer file]: international classification of diseases, ninth revision, clinical modification. Baltimore, MD: U.S. Department of Health and Human Services, Centers for Medicare & Medicaid Services, effective October 1, 1997.

NLM has generated fully specified titles for ICD-9-CM codes in cases in which the official ICD- 9-CM

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Contact: Contact for Diseases: Donna Pickett, National Center for Health Statistics; e-mail: dfp4@cdc.gov; Contact for Procedures: Patricia Brooks, Health Care Financing Administration; e-mail: pbrooks@hcfa.gov

ICD9CM_2005 - ICD-9-CM [computer file]: international classification of diseases, ninth revision, clinical modification. Version 22. Baltimore, MD: U.S. Department of Health and Human Services, Centers for Medicare & Medicaid Services, effective October 1, 2004.

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Contact: Contact for Diseases: Donna Pickett, National Center for Health Statistics; e-mail: dfp4@cdc.gov; Contact for Procedures: Patricia Brooks, Health Care Financing Administration; e-mail: pbrooks@hcfa.gov

ICNP1_0 (new) - International Classification for Nursing Practice (ICNP); 1.0; Geneva, Switzerland; International Council of Nurses; 2005

CATEGORY 3 RESTRICTIONS APPLY

Contact: Amy Coenen; ICNP Programme Director; University of Wisconsin - Milwaukee, College of Nursing; P.O. Box 413; Milwaukee; WI; United States; 53201-0413; 1-414-229-6474; coenena@uwm.edu

ICPC93 - The International Classification of Primary Care (ICPC). Denmark: World Organisation of Family Doctors, 1993.

This year, the Metathesaurus has also included translations of ICPC93 in the following languages:

- 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 Hofmans-Okkes; e-mail: I.m.okkes@amc.una.nl; University of Amsterdam

ICPC2EDUT_200203 - Hirs, W., H.W. Becker, C. van Boven, S.K. Oskam, I.M. Okkes, H. Lamberts. International Classification of Primary Care 2E: 2nd ed. electronic. Dutch Translation. Amsterdam: Department of General Practice, Academic Medical Center/University of Amsterdam, Dutch College of General Practitioners (NHG), March 2002

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Contact: Prof. Dr. H.Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

ICPC2EENG_200203 - International Classification of Primary Care / prepared by the 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. 2nd ed. Henk Lamberts and Inge Hofmans-Okkes, 2002

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Contact: Prof. Dr. H.Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division Clinical Methods & Public Health, Academic Medical Center - University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

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Contact: Prof. Dr. H. Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division of Clinical Methods & Public Health, Academic Medical Center - University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

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Contact: Prof. Dr. H. Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division of Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

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[CATEGORY 3 RESTRICTIONS APPLY](#)

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9845 8155; email: fmrc@fmrc.org.au; <http://www.fmrc.org.au/>

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

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

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

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

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

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

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

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Contact: Stanley Jablonski; National Library of Medicine, 8600 Rockville Pike, Bethesda MD 20894;
email: stanley_jablonski@nlm.nih.gov

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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/>

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Contact: LOINC c/o Medical Informatics; The Regenstrief Institute, Inc ; Health Information and Translational Sciences Bldg (HITS), 410 West 10th Street; Suite 2000; Indianapolis; Indiana; United States; 46202; 1-317-423-5558; 1-317-423-5695; loinc@regenstrief.org

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Contact: kmercer@regenstrief.org

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Contact: Prevention Plus; Jball79686@aol.com; <http://www.bradenscale.com/copyright.asp>

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Contact: University of Michigan Medical Center; University of Michigan Health System; Ann Arbor; MI; United States; 48109; <http://www.med.umich.edu/pain/pediatric.htm>

LNC222_MDS20 (updated) - Institute of Gerontology; Minimum Data Set; 2.0; University of Michigan; Ann Arbor, Michigan

[CATEGORY 4 RESTRICTIONS APPLY](#) to U.S. UMLS USERS

[CATEGORY 3 RESTRICTIONS APPLY](#) to Non-U.S. UMLS USERS

Contact: Brant E. Fries ; Ph.D; University of Michigan, Institute of Gerontology; 300 North Ingalls; Ann Arbor ; Michigan ; United States; bfries@umich.edu

LNC222_OASIS_2002 (updated) - The Outcome and Assessment Information Set (OASIS); Center for Health Services Research, UCHSC; 2002; Denver, CO

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Contact: Andrew Kramer; MD; andy.kramer@uchsc.edu

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Contact: 212-573-2273; requestsforpermission@pfizer.com

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Contact: HIV/AIDS Department; World Health Organization; Geneva; Switzerland; 41-22-791-1497; 41-22-791-1580; <http://www.who.int/hiv/pub/en>

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Contact: R. Brian Haynes, M.D., Ph.D.; e-mail: bhaynes@mcmaster.ca; Clinical Epidemiology & Biostatistics and Medicine, Faculty of Health Sciences, McMaster University, Room 2C10B, 1200 Main Street, West Hamilton Ontario, Canada L8N 3Z5; phone (905) 525-9140

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Contact: Karen Eckert, RPh; Medi-Span; 8425 Woodfield Crossing Blvd., Suite 490; Indianapolis; IN; United States; 46240; phone (800) 388-8884; fax (317) 735-5390; email: Keckert@drugfacts.com, ms-support@drugfacts.com; http://www.medi-span.com/products/product_mddb.asp

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Regulatory Activities Terminology; Version 10.1; September, 2007; Reston, VA

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Kate Studeman; Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Road; Mailstop: VAR1/7B50/MSSO; Reston; VA; United States; 20190; 1-703-345-8175; 1-703-345-7791; kathryn.studeman@ngc.com; http://www.meddramsso.com/MSSOWeb/contact_us/index.htm

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[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Eric Lindamood; Customer Operations; MedDRA; 12011 Sunset Hills Rd; VAR1/7B34/MSSO; Reston; VA; United States; 20190-3285; 1-703-345-8175; 1-703-345-7791; <http://www.meddramsso.com/MSSOWeb/index.htm>

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Contact: Eric Lindamood; Customer Operations; MedDRA; 12011 Sunset Hills Rd; VAR1/7B34/MSSO; Reston; VA; United States; 20190-3285; 1-877-258-8280; 1-703-345-7791; <http://www.meddramsso.com/MSSOWeb/index.htm>

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Contact: Eric Lindamood; Customer Operations; MedDRA MSSO; 12011 Sunset Hills Road; VAR1/7B34/MSSO; Reston; VA; United States; 20190-3285; 1-877-258-8280; 1-703-345-7791; <http://www.meddramsso.com/MSSOWeb/index.htm>

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Contact: Eric Lindamood; Customer Operations; MedDRA MSSO; 12011 Sunset Hills Rd; VAR1/7B34/MSSO; Reston; VA; United States; 20190-3285; 1-877-258-8280; 1-703-345-7791; <http://www.meddramsso.com/MSSOWeb/index.htm>

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Contact: Naomi Miller; e-mail: millern@mail.nlm.nih.gov

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Contact: Multum Information Services; 3200 Cherry Creek South Drive, Suite 300; Denver; CO; United States; 80209; Phone: 888-633-4772 x1420; URL: <http://www.multum.com/>

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CATEGORY 3 RESTRICTIONS APPLY

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

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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; National Library of Medicine; 8600 Rockville Pike; Bethesda; Maryland; United States; 20894; nelsonst@mail.nih.gov; <http://www.nlm.nih.gov/mesh/meshhome.html>

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

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Contact: Marie Votipkova; Dept. of Bibliography, National Library of Medicine; Prague, Sokolska 54; Czech Republic; votipkov@nlk.cz; www.nlk.cz

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Contact: Claudie Hasenfuss; Institut National de la Sante et Recherche Medicale; 101 Rue de Tolbiac; Paris Cedex 13; Paris; France; 75654; (33)-1-44-23-60-70; (33)-1-44-23-60-99; hasenfus@vjf.inserm.fr; <http://www.inserm.fr/>

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Contact: Dr. Michael Schopen; Deutsches Institut fur Medizinische Dokumentation und Information; Waisenhausgasse 36-38a; Koln; Germany; 50676; (49)-221-4724-1; (49)-221-4724-444; posteingang@dimdi.de; <http://www.dimdi.de/>

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Contact: Dr. Adriana Dracos; Istituto Superiore di Sanita; Viale Regina Elena; 299; Rome; Italy; 00161; (39)-0-6-4990-3277; (39)-0-6-4938-7117; dracos@iss.it; <http://www.iss.it/>

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Contact: Tsuneki Shinohara, MD, President, Japan Medical Abstracts Society, 2-5-18, Tokaido-Higashi, Suginami, Tokyo 168-0072, Japan; e-mail: shinohara@jamas.gr.jp

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[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Mr Adalberto Otranto Tardelli; Centro Latino-Americano e do Caribe de Informacao em Ciencias da Saude; Rua Botucatu, 862; Sao Paulo; Brasil; 04023-901; 55 11 5576-9800; 55 11 5575-8868; adalberto.tardelli@bireme.org

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Contact: Natalya Lomova; The State Central Scientific Medical Library; 30, Krasikova St.;
Moscow; Russia; 117418; (7)-095-128-33-46; (7)-095-128-87-39; loginov@server.scsml.rssi.ru

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adalberto.tardelli@bireme.org

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Contact: Ylva Gavel; ; Library of Karolinska Institutet; Box 200; Stockholm; Sweden; SE-171 77; (46)-0-8-524 84 000; (46)-0-8-524 84 310; Ylva.Gavel@kib.ki.se; http://mesh.kib.ki.se/swemesh/licence_en.html

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: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th floor, 8600 Rockville Pike, Bethesda MD 20894; phone: 301-496-7715; e-mail: jwillis@nlm.nih.gov

MTHCH2008 (updated) - Metathesaurus Hierarchical CPT Terms; National Library of Medicine; 2008; Bethesda, MD

Contact: Jan Willis; UMLS Project Manager; National Library of Medicine; 8600 Rockville Pike; Bldg 38-A; Bethesda; MD; United States; 20894; 1-301-496-7715; willisj@mail.nlm.nih.gov

MTHFDA_2008_01_04 (updated) - Metathesaurus Forms of FDA National Drug Code Directory; 2008_01_04; Bethesda, MD; National Library of Medicine

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

Contact: Jan Willis; National Library of Medicine; UMLS Support, 38A-4th fl; 8600 Rockville Pike; Bethesda; MD; United States; 20894; phone: 301-496-7715; e-mail: jwillis@nlm.nih.gov

MTHHH2008 (updated) - Metathesaurus Hierarchical HCPCS Terms; Bethesda, MD; National Library of Medicine; 2008

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

Contact: Jan Willis; U.S. National Library of Medicine; UMLS Support/MEDLARS Management Section; 8600 Rockville Pike; Bethesda; MD; United States; 20894; jwillis@nlm.nih.gov

MTHHL7V2.5_2003_08 - HL7 Vocabulary Version 2.5, 7-bit equivalents created by the National Library of Medicine. Bethesda (MD): August 30, 2003

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th floor, 8600 Rockville Pike, Bethesda MD 20894; phone: 301-496-7715; email: jwillis@nlm.nih.gov

MTHICD9_2008 - Metathesaurus additional entry terms for ICD-9-CM [computer file]: international classification of diseases, ninth revision, clinical modification; National Library of Medicine; September 2007.; Bethesda, MD

Contact: Jan Willis; MMS UMLS Project Manager; National Library of Medicine; 8600 Rockville Pike; Bethesda; Maryland; United States; 20894; 301-496-7715; willisj@mail.nlm.nih.gov

MTHICPC2EAE_200203 - Henk Lamberts and Inge Hofmans-Okkes. International Classification of Primary Care 2nd Edition, Electronic, 2E, American English Equivalents. Amsterdam: International Classification of Primary Care / prepared by the 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, 2002

[CATEGORY 3 RESTRICTIONS APPLY](#)

Concept names with this source abbreviation were created by NLM to provide contextual information for ICPC2E terms.

Contact: Prof. Dr. H.Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

MTHICPC2ICD107B_0412 - International Classification of Primary Care / prepared by the 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. 2nd ed. Henk Lamberts and Inge Hofmans-Okkes, 7-bit Equivalents, 2002

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Prof. Dr. H. Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division of Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

MTHICPC2ICD10AE_0412 - International Classification of Primary Care / prepared by the 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. 2nd ed. Henk Lamberts and Inge Hofmans-Okkes, American English Equivalents, 2002

CATEGORY 3 RESTRICTIONS APPLY

Contact: Prof. Dr. H. Lamberts and Inge M. Okkes, PhD, Department of Family Practice, Division of Clinical Methods & Public Health, Academic Medical Center/University of Amsterdam, Meibergdreef 15 (Room J2-213), 1105 AZ Amsterdam, The Netherlands; Tel: 31 20 566 4711

MTHMST2001 - Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy. Bethesda, MD: National Library of Medicine, 2001.

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th fl, 8600 Rockville Pike, Bethesda, MD 20894; phone: 301 496-7715; e-mail: jwillis@nlm.nih.gov

MTHMSTFRE_2001 - Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy, French Translation. Bethesda, MD: National Library of Medicine, 2001.

***NOTE:** Now a CATEGORY 0.

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th fl, 8600 Rockville Pike, Bethesda MD 20894; phone: 301 496-7715; e-mail: jwillis@nlm.nih.gov. NOTE: Users must also obtain rights to use the parent source.

MTHMSTITA_2001 - Metathesaurus Version of Minimal Standard Terminology Digestive Endoscopy, Italian Translation. Bethesda, MD: National Library of Medicine, 2001.

***NOTE:** Now a CATEGORY 0.

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th fl, 8600 Rockville Pike, Bethesda MD 20894; phone: 301-496-7715; e-mail: jwillis@nlm.nih.gov

MTHSPL_2008_01_23 (updated) - Metathesaurus Forms of the FDA Structured Product Labels; 2008_01_23; Bethesda, MD; National Library of Medicine

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

NAN2004 - Sparks Ralph, Sheila, Craft-Rosenberg, Martha, Herdman, T. Heather, Lavin, Mary Ann, editors. NANDA nursing diagnoses: definitions and classification 2003-2004. Philadelphia: NANDA International, 2003.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Mary A. Lavin [lavinma@slu.edu]

NCBI 2007_07_02 - U.S. Department of Health and Human Services; NCBI Taxonomy; National Institutes of Health, National Library of Medicine, National Center for Biotechnology Information; July 2, 2007; Bethesda, MD

Contact: info@ncbi.nlm.nih.gov; <http://www.ncbi.nlm.nih.gov/Taxonomy>

NCI 2007_05E - Sherri de Coronado; NCI Thesaurus; TDE version; National Cancer Institute; May 2007; Bethesda, MD

Subset only.

Contact: Francis W. Hartel; PhD; Center for Bioinformatics, National Cancer Institute; 6116 Executive Blvd.; Room 4019; Rockville; MD; United States of America; 20892-8335; 301-435-3869; hartel@mail.nih.gov

NCISEER_1999 - NCI Surveillance, Epidemiology, and End Results (SEER) conversions between ICD-9-CM and ICD-10 neoplasm codes. National Cancer Institute, Bethesda, MD. Release Date: June 1999.

URL: <http://www-seer.ims.nci.nih.gov/Admin/ConvProgs/> Phone: 301-496-8510.

Contact: National Cancer Institute Bethesda, MD; phone: 301-496-8510

NDDF_2008_01_04 (updated) - National Drug Data File Plus Source Vocabulary 2008; January 04, 2008; San Bruno, CA; First DataBank

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: First DataBank Customer Support; 1111 Bayhill Drive; San Bruno; CA; United States; 94066; phone: 800-633-3453; e-mail: cs@firstdatabank.com

NDFRT_2004_01 - National Drug File - Reference Terminology, 2004_01. Washington, DC: U. S. Department of Veterans Affairs, Veterans Health Administration, January 2004.

Contact: Steven Brown; CPEP Office; 1310 24th Avenue S; Nashville, TN 37215; e-mail: steven.brown@med.va.gov

NEU99 - Bowden, Douglas M., Martin, Richard F., Dubach, Jov G. Neuronames Brain Hierarchy. Seattle (WA): University of Washington, Primate Information Center, 1999. <http://rprcsgi.rprc.washington.edu/neuronames/>

[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

NIC2005 - Nursing Interventions Classification (NIC)

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact:

NLM-MED - National Library of Medicine (NLM) Medline Data. Bethesda (MD): National Library of Medicine. Contact: <http://www.nlm.nih.gov/>.

Contact:

NOC3 - Moorhead, Sue, Johnson, Marion, Maas, Meridean, editors. Nursing Outcomes Classification (NOC): Iowa Outcomes Project. St. Louis (MO): Mosby, Inc., 2004.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Licensing Department, Elsevier. The Curtis Center, Independence Square West. Philadelphia, PA 19106.

OMIM2007_12_19 (updated) - Online Mendelian Inheritance in Man, OMIM (TM). McKusick-Nathans Institute for Genetic Medicine, Johns Hopkins University (Baltimore, MD) and National Center for Biotechnology Information, National Library of Medicine (Bethesda, MD), {date of download}. World Wide Web URL: <http://www.ncbi.nlm.nih.gov/omim/>

Contact: Jan Willis, NLM; email: willisj@mail.nlm.nih.gov

OMS2005 - Martin, Karen S., Scheet, Nancy J.; The Omaha System; 2005

[CATEGORY 1 RESTRICTIONS APPLY](#)

Contact: Karen S. Martin; RN, MSN, FAAN; Martin Associates; 2115 S. 130th St.; Omaha; Nebraska; United States; 68144; 1-402-333-1962; martinks@tconl.com; <http://www.omahasystem.org/>

PCDS97 - Ozbolt, Judy Grace. Patient Data Care Set (PCDS), Version 4.0, 1998. Contact: judy.ozbolt@mcm.vanderbilt.edu; Vanderbilt University School of Nursing; 400-C Godchaux Hall; Nashville, TN 37240-0008; Telephone 615-343-3291

CATEGORY 3 RESTRICTIONS APPLY

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

PDQ2007_02 - PDQ. Bethesda (MD): National Cancer Institute, February 2007.

Contact: Margaret Haber, NCI, Building 6116 - 6116 Exec Blvd, Room 3124, Rockville, MD; telephone: 301-594-9185; Fax: 301-480-8105; Email: mhaber@mail.nih.gov

PNDS2002 - Perioperative nursing data set : the perioperative nursing vocabulary, 2nd Ed. edited by Suzanne C. Beyea. / AORN; Denver, Colo. : AORN, 2002

Contact: Susan Kleinbeck, info@aorn.org

PPAC98 - Pharmacy Practice Activity Classification (PPAC). Version 1. Washington (DC): American Pharmaceutical Association, 1998.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Scott Antall, American Pharmaceutical Association - Academy of Pharmaceutical Research and Science; email: ssa@mail.aphanet.org; Academy of Pharmaceutical Research and Science, 2215 Constitution Avenue NW, Washington DC 20037-2985

PSY2004 - American Psychological Association. Thesaurus of psychological index terms/Lisa A. Gallagher, ed., 10th ed., 30th anniversary, 1974-2004. Washington, DC: American Psychological

Association, c2005.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Lisa A. Gallagher, American Psychological Association, 750 First Stree, NE, Washington, DC 20002-4242; phone: 202-336-5726; email" LGallagher@apa.org

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

Contact: Quick Medical Reference, First Databank, 1111 Bayhill Drive San Bruno, CA 94066

RAM99 - QMR clinically related terms from Randolf A. Miller, 1999.

Contact: Dr. Randolph A. Miller (email: randolph.a.miller@vanderbilt.edu), Chair, Dept. of Biomedical Informatics, Vanderbilt University, 436 Eskind Biomedical Library, 2209 Garland Ave., Nashville TN 37232-8340

RCD99 - Clinical Terms Version 3 (CTV3) (Read Codes) (Q199): National Health Service National Coding and Classification Centre; March, 1999.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: NHS Information Authority Loughborough, Woodgate, Loughborough, Leicestershire LE11 2TG; fax: +44 (0) 1509 211611; e-mail: helpdesk3@nhscce.exec.nhs.uk

RCDAE_1999 - American English equivalent of the Clinical Terms Version 3 (Q1, 1999), produced by NLM. Bethesda (MD): National Library of Medicine, UMLS project, 1999.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact:

RCDSA_1999 - American English equivalent of synthesized terms from the Clinical Terms Version 3 (Q1, 1999), produced by NLM. Bethesda (MD): National Library of Medicine, UMLS project, 1999.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: NHS Information Authority Loughborough, Woodgate, Loughborough, Leicestershire LE11 2TG;
fax: +44 (0) 1509 211611; e-mail: helpdesk3@nhscce.exec.nhs.uk

RCDSY_1999 - Synthesized Read terms (without initial bracketed letters) of the Clinical Terms Version 3 (Q1, 1999), produced by NLM. Bethesda (MD): National Library of Medicine, UMLS project, 1999.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: NHS Information Authority Loughborough, Woodgate, Loughborough, Leicestershire LE11 2TG;
fax: +44 (0) 1509 211611; e-mail: helpdesk3@nhscce.exec.nhs.uk

RXNORM_07AC_080131F (updated) - RxNorm;META2007AC Full Update 2008_01_31; Bethesda, MD; National Library of Medicine

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; National Library of Medicine; 8600 Rockville Pike; Bethesda; Maryland; United States; 20894; nelson@nlm.nih.gov

SCTSPA_2007_10_31 (updated) - International Health Terminology Standards Development Organisation, SNOMED Clinical Terms. IHTSDO, Rued Langgaards Vej 7, 5, 2300 Copenhagen S, Denmark. Phone: +45 36 44 87 36. E-mail: info@ihtsdo.org. Release Date: October 31, 2007. URL: <http://www.ihtsdo.org/>

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Contact: National Library of Medicine; e-mail: custserv@nlm.nih.gov. NLM is a Charter Member of the IHTSDO on behalf of the U.S.

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. IHTSDO, Rued Langgaards Vej 7, 5, 2300 Copenhagen S, Denmark. Phone: +45 36 44 87 36. E-Mail: info@ihtsdo.org. URL: <http://www.ihtsdo.org/>

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Contact: National Library of Medicine; e-mail: custserv@nlm.nih.gov. NLM is a Charter Member of the IHTSDO on behalf of the U.S.

SNMI 98 - Cote, Roger A., editor. Systematized Nomenclature of Human and Veterinary Medicine: SNOMED International. Northfield (IL): College of American Pathologists; Schaumburg (IL): American Veterinary Medical Association, Version 3.5, 1998. IHTSDO, Rued Langgaards Vej 7, 5,

2300 Copenhagen S, Denmark. Phone: +45 36 44 87 36. Email: info@ihtsdo.org. URL: <http://www.ihtsdo.org/>

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Contact: National Library of Medicine; e-mail: custserv@nlm.nih.gov. NLM is a Charter Member of the IHTSDO on behalf of the U.S.

SNOMEDCT_2008_01_31 (updated) - International Health Terminology Standards Development Organisation, SNOMED Clinical Terms. January 2008 IHTSDO, Rued Langgaards Vej 7, 5, 2300 Copenhagen S, Denmark. Phone: +45 36 44 87 36. Email: info@ihtsdo.org. URL: <http://www.ihtsdo.org/>

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Contact: National Library of Medicine; e-mail: custserv@nlm.nih.gov. NLM is a Charter Member of the IHTSDO on behalf of the U.S.

SPN2003 - Standard Product Nomenclature (SPN). Rockville, (MD); U.S. Food and Drug Administration, 2003

Contact: Stolber, Carey [Cstolber@ECRI.org]

SRC - UMLS Metathesaurus Source Terminologies. Bethesda, MD: National Library of Medicine.

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-4th fl, 8600 Rockville Pike, Bethesda MD 20894; phone: 301 496-7715; e-mail: jwillis@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; Department of Radiology, 75 Francis Street, Boston MA 02115 e-mail: greenes@harvard.edu phone: (617) 732-6281

UMD2008 - The Universal Medical Device Nomenclature System; ECRI; Plymouth Meeting; 2008

[CATEGORY 1 RESTRICTIONS APPLY](#)

Contact: Elizabeth Richardson; Director of Database and Nomenclature Systems; ECRI; 5200 Butler Pike; Plymouth Meeting; Pennsylvania; United States; 19462-1298; 1-610-825-6000; 1-610-834-1275; erichard@ecri.org; <http://www.ecri.org/Products/Pages/UMDNS.aspx>

USPMG_2004 - United States Pharmacopeia (USP). Medicare Prescription Drug Benefit Model Guidelines: Drug Categories and Classes in Part D, 2004. <http://www.usp.org/pdf/EN/mmg/comprehensiveDrugListing2004-12-31.pdf>

Contact: <http://www.usp.org/healthcareInfo/mmg/finalGuidelines.html>

UWDA173 - University of Washington Digital Anatomist, (UWDA). Seattle (WA): University of Washinton, Version 1.7.3, March, 2003. Jose Mejino, M.D.; email: onard@biostr.washington.edu

Contact: Jose Mejino, M.D.; e-mail: onard@biostr.washington.edu; University of Washington Digital Anatomist Symbolic Knowledge Base, University of Washington Digital Anatomist Information System, Structural Informatics Group, Department of Biological Structure, University of Washington, Seattle WA 98195

VANDF_2007_12_18 (updated) - Veterans Health Administration National Drug File; December 18, 2007; Washington, DC; U.S. Department of Veterans Affairs

***NOTE:** Now a CATEGORY 0.

Contact: Michael Lincoln, M.D.; U.S. Department of Veterans Affairs, Veterans Health Administration; Washington; DC; United States; email: michael.lincoln@med.va.gov; URL: <http://www.pbm.va.gov/default.aspx>

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

[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: +46-18-656080

WHOFRE_1997 - WHO Adverse Drug Reaction Terminology (WHOART). French Translation. Uppsala (Sweden): WHO Collaborating Centre for International Drug Monitoring, 1997.

[CATEGORY 2 RESTRICTIONS APPLY](#)

Contact: WHO Collaborating Centre for International Drug Monitoring, Stora Target 3, S-753 20 Uppsala, Sweden; fax: +46-18-656080

WHOGER_1997 - WHO Adverse Drug Reaction Terminology (WHOART). German Translation. Uppsala (Sweden): WHO Collaborating Centre for International Drug Monitoring, 1997.

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Contact: WHO Collaborating Centre for International Drug Monitoring, Stora Target 3, S-753 20 Uppsala, Sweden; fax: +46-18-656080

WHOPOR_1997 - WHO Adverse Drug Reaction Terminology (WHOART). Portuguese Translation. Uppsala (Sweden): WHO Collaborating Centre for International Drug Monitoring, 1997.

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Contact: WHO Collaborating Centre for International Drug Monitoring, Stora Target 3, S-753 20 Uppsala, Sweden; fax: +46-18-656080

WHOSPA_1997 - WHO Adverse Drug Reaction Terminology (WHOART). Spanish Translation. Uppsala (Sweden): WHO Collaborating Centre for International Drug Monitoring, 1997.

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