

Unified Medical Language System

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APPENDIX A

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[Previous](#) | [Table of Contents](#) | [Next](#)

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APPENDIX A.1

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UMLS METATHESAURUS® SOURCE VOCABULARIES - 2004AC Edition

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NLM is working toward inclusion in the UMLS Metathesaurus of the complete and most current edition of most 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

ALT2004 - Alternative Billing Concepts (Altlink). Version 2004, sixth edition.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Alternative Link LLC, 6121 Indian School Road NE, Suite 131, Albuquerque, NM 87110; Phone: (505) 875-0001; Toll Free: (877)621-5465; Fax: (505) 875-0002; e-mail: ail@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: 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

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

[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.

[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, M.D., Associate Professor, Biomedical Informatics, Room 442, Eskind Biomedical Library, Vanderbilt University Medical Center, 2209 Garland Ave Nashville TN 37232-8340; Office: (615) 321-6335; email: sbrown@vumc.lib.mc.vanderbilt.edu

CCS2003 - Clinical Classifications Software (CCS). Agency for Healthcare Research and Quality (AHRQ), Rockville, MD. Release Date: April 2003.

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

CDT4 - Version of Current Dental Terminology (CDT) version 4, included in the Healthcare Common Procedure Coding System (HCPCS).

[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: Mary Essling, American Dental Association, 211 E. Chicago Avenue, Chicago IL 60611;
Phone: (312) 440-2520; phone: (312)440-2520; no@email.nil

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

CATEGORY 2 RESTRICTIONS APPLY

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.

Contact: James J Cimino M.D., Professor, Department of Medical Informatics, Columbia University, Vanderbilt Clinic VC-5, 622 W. 168th Street, New York NY 10032; phone: (212) 305-8127; fax: (212) 305-3302; e-mail: ciminoj@dbmi.columbia.edu

CPT2004 - Current Procedural Terminology (CPT), 4th ed. Chicago (IL): American Medical Association, 2004. <http://www.ama-assn.org>

CATEGORY 3 RESTRICTIONS APPLY

The following special notice must be displayed:

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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>.

CATEGORY 3 RESTRICTIONS APPLY

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

CSP2004 - Computer Retrieval of Information on Scientific Projects (CRISP). Bethesda (MD): National Institutes of Health, Division of Research Grants, Research Documentation Section, 2004.

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/search/results.asp?loc=3-0-0>

DDB00 - Diseases Database 2000. May, 2000. London (England): Medical Object Oriented

Software Enterprises Ltd., 2000.

CATEGORY 3 RESTRICTIONS APPLY

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.

CATEGORY 1 RESTRICTIONS APPLY

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.

CATEGORY 3 RESTRICTIONS APPLY

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.

CATEGORY 3 RESTRICTIONS APPLY

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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 20005; e-mail: csdept@appi.org

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)

GO2004_03_02 - Gene Ontology: tool for the unification of biology. The Gene Ontology Consortium (2000) Nature Genet. 25: 25-29, http://www.geneontology.org/#cite_go.

Contact: http://www.geneontology.org/#cite_go

HCDT4 - Version of Current Dental Terminology (CDT) version 4, included in the Healthcare Common Procedure Coding System (HCPCS).

CATEGORY 3 RESTRICTIONS APPLY

Contact: Mary Essling, American Dental Association; phone: (312)440-2520 no@email.nil

HCPCS04 - Healthcare Common Procedure Coding System (HCPCS). Washington (DC): Centers for Medicare & Medicaid Services, 2004.

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 Blvd., Mailstop C5-09-16, Baltimore MD 21244; e-mail: CHake@cms.hhs.gov; phone: (410) 786-3404

HCPT04 - Version of Physicians' Current Procedural Terminology (CPT) included in the Healthcare Common Procedure Coding System (HCPCS), 2004.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Cynthia Hake, Centers for Medicare & Medicaid Services (CMS) 7500 Security Blvd.,
Mailstop C5-09-16, Baltimore MD 21244; e-mail: CHake@cms.hhs.gov; phone: (410) 786-3404

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

CATEGORY 1 RESTRICTIONS APPLY

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

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

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.

CATEGORY 3 RESTRICTIONS APPLY

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

HUGO_2004_04 - HUGO Gene Nomenclature. London: HUGO Gene Nomenclature Committee,
Department of Biology, University College London, April 2004.

Contact: Dr Hester Wain, 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; 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

ICD10AE_1998 - International Statistical Classification of Diseases and Related Health Problems (ICD-10): Americanized Version. 10th rev. Geneva (Switzerland): World Health Organization, 1998.

[CATEGORY 3 RESTRICTIONS APPLY](#)

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

ICD10AM_2000 - International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Australian Modification; 2nd Edition, published January 2000.

Developed and Maintained by the National Centre for Classification in Health, University of Sydney, Faculty of Health Sciences.

[CATEGORY 3 RESTRICTIONS APPLY](#)

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. <http://www3.fhs.usyd.edu.au/ncchwww/site/>

ICD10AMAE_2000 - International Statistical Classification of Diseases and Related Health Problems, Australian Modification (ICD-10-AM), Americanized English Equivalents, produced by NLM. Bethesda (MD): National Library of Medicine, UMLS project, 2000

[CATEGORY 3 RESTRICTIONS APPLY](#)

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

ICD10DUT_200403 - Hirs, W., H.W. Becker, C. van Boven, S.K. Oskam, I.M. Okkes, H. Lamberts. ICD-10, Dutch Translation, 200403. Amsterdam: Department of General Practice, Academic Medical Center/University of Amsterdam, Dutch College of General Practitioners (NHG), March 2004.

[CATEGORY 3 RESTRICTIONS APPLY](#)

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_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.

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: 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;

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

The Metathesaurus also includes 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

[CATEGORY 3 RESTRICTIONS APPLY](#)

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

ICPC2ICD10DUT_200403 - 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, Americanized English Equivalents, 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

ICPC2ICD10ENG_200403 - Becker, H.W., C. van Boven, S.K. Oskam, I.M. Okkes, W. Hirs, H. Lamberts. ICPC2 - ICD10 Thesaurus, Version March, 2004. Amsterdam: Project "Adaptation ICPC, integration and implementation of ICPC2 and ICD10(-CM)." Department of General Practice, Academic Medical Center/University of Amsterdam, Dutch College of General Practitioners (NHG), March 2004.

CATEGORY 3 RESTRICTIONS APPLY

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

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

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Contact: HelenaB@genprac.wsahs.nsw.gov.au

ICPCBAQ_1993 - The International Classification of Primary Care (ICPC). Basque Translation.
Denmark: World Organisation of Family Doctors, 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.

ICPCDAN_1993 - The International Classification of Primary Care (ICPC). Danish Translation.
Denmark: World Organisation of Family Doctors, 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

ICPCDUT_1993 - The International Classification of Primary Care (ICPC). Dutch Translation.
Denmark: World Organisation of Family Doctors, 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.

ICPCFIN_1993 - The International Classification of Primary Care (ICPC). Finnish Translation.
Denmark: World Organisation of Family Doctors, 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.

ICPCFRE_1993 - The International Classification of Primary Care (ICPC). French Translation.
Denmark: World Organisation of Family Doctors, 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.

ICPCGER_1993 - The International Classification of Primary Care (ICPC). German Translation.
Denmark: World Organisation of Family Doctors, 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.

ICPCHEB_1993 - The International Classification of Primary Care (ICPC). Hebrew Translation, Denmark: World Organisation of Family Doctors, 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.

ICPCHUN_1993 - The International Classification of Primary Care (ICPC). Hungarian Translation. Denmark: World Organisation of Family Doctors, 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.

ICPCITA_1993 - The International Classification of Primary Care (ICPC). Italian Translation. Denmark: World Organisation of Family Doctors, 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.

ICPCNOR_1993 - The International Classification of Primary Care (ICPC). Norwegian Translation. Denmark: World Organisation of Family Doctors, 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.

ICPCPAE_2000 - International Classification of Primary Care, Version 2-Plus, Australian Modification. Americanized English Equivalents, January, 2000. Produced by NLM. Bethesda (MD): National Library of Medicine, UMLS project

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Contact: HelenaB@genprac.wsahs.nsw.gov.au

ICPCPOR_1993 - The International Classification of Primary Care (ICPC). Portuguese

Translation. Denmark: World Organisation of Family Doctors, 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.

ICPCSPA_1993 - The International Classification of Primary Care (ICPC). Spanish Translation. Denmark: World Organisation of Family Doctors, 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.

ICPCSWE_1993 - The International Classification of Primary Care (ICPC). Swedish Translation. Denmark: World Organisation of Family Doctors, 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.

JABL99 - Online Congenital Multiple Anomaly/Mental Retardation Syndromes, 1999.

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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

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>

LNC212 - Logical Observation Identifier Names and Codes (LOINC). Version 2.12. Indianapolis, IN: The Regenstrief Institute, February 09, 2004

Contact: kmerc@regenstrief.org

MBD04 - MEDLINE Backfiles (1994-1998). Bethesda (MD): National Library of Medicine.

Contact: National Library of Medicine. Bethesda, MD; <http://www.nlm.nih.gov>

MCM92 - Glossary of Methodologic Terms for Clinical Epidemiologic Studies of Human Disorders. Canada: McMaster University, 1992.

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

MDDB_2003_03 - Master Drug Data Base, 2003

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Karen Eckert, RPh, Medi-Span, 8425 Woodfield Crossing Blvd., Suite 490, Indianapolis IN 46240; phone (800) 388-8884; fax (317) 735-5390; email: Keckert@drugfacts.com; ms-support@drugfacts.com; <http://www.medi-span.com/products/index.aspx?id=1>

MDR70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA), Version 7.0. International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: MedDRA MSSO, Attn: Customer Operations, VAR1/7B/MSSO, 12011 Sunset Hills Rd., Reston VA 20190-3285; phone: 877-258-8280; e-mail: MSSOhelp@ngc.com

MDRAE70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English Equivalents, Version 7.0. Bethesda, MD: National Library of Medicine, March 1, 2004.

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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 the rights to use the parent source.

MDRDUT70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 7.0, Dutch Edition. International conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

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Contact: Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Rd. 8A16; Reston, VA 20910; Elizabeth.d'Alelio@trw.com; phone: (703)345-8821; fax: (703)345-7791

MDREA70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA), American English Equivalents with expanded abbreviations, Version 7.0. Bethesda, MD: National Library of Medicine, March 1, 2004.

[CATEGORY 3 RESTRICTIONS APPLY](#)

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 NOTE: Users must also obtain the rights to use the parent source.

MDREX70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA), with expanded abbreviations, Version 7.0. Bethesda, MD: National Library of Medicine, March 1, 2004.

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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 NOTE: Users must also obtain the rights to use the parent source.

MDRFRE70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 7.0, French Edition. International conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

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Contact: Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Rd. 8A16; Reston, VA 20910; Elizabeth.d'Alelio@trw.com; phone: (703)345-8821; fax: (703)345-7791

MDRGER70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 7.0, German Edition. International conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elizabeth d'Alelio; Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Rd. 8A16; Reston, VA 20910; Elizabeth.d'Alelio@trw.com; phone: (703)345-8821; fax: (703)345-7791

MDRPOR70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 7.0, Portuguese Edition. International conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Rd. 8A16; Reston, VA 20910; Elizabeth.d'Alelio@trw.com; phone: (703)345-8821; fax: (703)345-7791

MDRSPA70 - Medical Dictionary for Regulatory Activities Terminology (MedDRA) Version 7.0, Spanish Edition. International conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Use (ICH). Reston, VA: MedDRA MSSO, March 1, 2004.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Elizabeth d'Alelio; Customer Operations Manager; MedDRA MSSO; 12011 Sunset Hills Rd. 8A16; Reston, VA 20910; Elizabeth.d'Alelio@trw.com; phone: (703)345-8821; fax: (703)345-7791

MEDO4 - MEDLINE Current Files (1999-2004). Bethesda (MD): National Library of Medicine.

Contact: National Library of Medicine. Bethesda, MD; <http://www.nlm.nih.gov>

MEDLINEPLUS_20040814 - MedlinePlus Health Topics. Bethesda (MD): National Library of Medicine, August 14, 2004.

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

MIM93 - Online Mendelian Inheritance in Man (OMIM). Baltimore (MD): Johns Hopkins University, Center for Biotechnology Information, 1994.

CATEGORY 1 RESTRICTIONS APPLY

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

Contact: Joanna Amberger, Johns Hopkins University; e-mail: joanna@ncbi.nlm.nih.gov; Leigh Penfield, OMIM, McKusick-Nathans Institute of Genetic Medicine, Johns Hopkins Hospital, Blalock 1007, 600 N. Wolfe St., Baltimore MD 21287-4922; phone 410-955-0313; fax 410-955-4999; email: techlicense@jhmi.edu

MMSL_2004_03 - Medisource Lexicon. Multum Information Services, Inc., Denver, CO. Release Date: March 1, 2004.

[CATEGORY 1 RESTRICTIONS APPLY](#)

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

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[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; URL: <http://www.micromedex.com/> Phone: 800-525-9083.

MSH2005_2004_08_06 - Medical Subject Headings (MeSH). Bethesda (MD): National Library of Medicine, 2004

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

MSHCZE2003 - Czech translation of Medical Subject Headings (MeSH) 2003. Prague: Dept. of Bibliography, National Library of Medicine, 2003.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Marie Votipkova, Dept. of Bibliography, National Library of Medicine, Prague, Sokolska 54, Czech Republic; e-mail: votipkov@nlk.cz; URL: <http://www.nlk.cz>

MSHDUT2004 - Nederlandse vertaling van MeSH [Dutch translation of MeSH], 2004.
Amsterdam: Nederlands Tijdschrift voor Geneeskunde [Dutch Journal of Medicine], 2004.

[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: A.J.P.M. Overbeke, Nederlands Tijdschrift voor Geneeskunde [Dutch Journal of Medicine], P.O.Box 75971, 1070 AZ Amsterdam, The Netherlands; phone: *20 662 0150; e-mail: overbeke@ntvg.nl

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Contact: Peter Nyberg, MD; phone: 09-393-091; e-mail: peter.nyberg@sll.fimnet.fi

MSHFRE2004 - Thesaurus Biomedical Francais/Anglais [French translation of MeSH], 2004.
Paris: Institut National de la Sante et Recherche Medicale, 2004.

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Contact: Claudie Hasenfuss, Institut National de la Sante et Recherche Medicale; phone: 33-1-45-59-52-91; e-mail: hasenfus@vjf.inserm.fr; <http://www.inserm.fr>

MSHGER2004 - German translation of Medical Subject Headings (MeSH), 2004. Cologne: Deutsches Institut fur Medizinische Dokumentation und Information, 2004.

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Contact: Dr. Michael Schopen, Deutsches Institut fur Medizinische Dokumentation und Information; phone: 49-221-472-4325; e-mail: schopen@dimdi.de

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Contact: Dr. Adriana Dracos, Viale Regina Elena, 229 00161 Rome Italy; phone: 39-06-

49903277; e-mail: 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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Contact: Arthur Alberto Correa Treuherz, Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO; e-mail: treuherz@bireme.ops.oms.org

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Contact: Tatyana Kolpakova; State Central Scientific Medical Library, Nakhimovsky prospekt 49, Moscow, GSP 117418, Russia; e-mail: tat-40@mail.ru

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Contact: Arthur Alberto Correa Treuherz, Latin American and Caribbean Center on Health Sciences Information. BIREME/PAHO/WHO; e-mail: treuherz@bireme.ops.oms.org

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CATEGORY 3 RESTRICTIONS APPLY

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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

MTHCHO4 - Metathesaurus Hierarchical CPT Terms. Bethesda, MD: National Library of Medicine, 2004

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 the rights to use the parent source.

MTHFDA_2004_01 - Metathesaurus Forms of FDA National Drug Code Directory, 2004_01. Bethesda, MD: National Library of Medicine, 2004.

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 20894; phone: 301-496-7715; e-mail: jwillis@nlm.nih.gov NOTE: Users must also obtain rights to use the parent source.

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

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 NOTE: Users must also obtain the rights to use the parent source.

MTHICD9_2005 - Metathesaurus additional entry terms for ICD-9-CM [computer file]: international classification of diseases, ninth revision, clinical modification. Version 22. Bethesda, MD: U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, September 2004.

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 NOTE: Users must also obtain the rights to use the parent source.

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

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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_0403 - 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

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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

MTHICPC2ICD10AE_0403 - 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

CATEGORY 3 RESTRICTIONS APPLY

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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CATEGORY 3 RESTRICTIONS APPLY

Contact: Jan Willis, National Library of Medicine, UMLS Support, 38A-Room 4S-2, 8600 Rockville Pike, Bethesda MD 20894; phone 301-496-7715; email: jwillis@nlm.nih.gov NOTE: Users must also obtain the rights to use the parent source.

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.

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.

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

MTHPDQ2004 - Metathesaurus Forms of Physician Data Query (PDQ), 2004. Bethesda, MD: National Library of Medicine, 2004.

These terms were created by NLM to provide contextual information for PDQ terms.

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

MTHSCT_2004_07_31 - Metathesaurus forms of SNOMED Clinical Terms. Bethesda (MD): National Library of Medicine, July 31, 2004.

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MTHSCTSPA_2004_04_30 - Metathesaurus forms of Spanish SNOMED Clinical Terms. Bethesda (MD): National Library of Medicine, April 30, 2004.

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[CATEGORY 3 RESTRICTIONS APPLY](#)

Contact: Mary A. Lavin, lavinma@slu.edu

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Subset only; includes diseases, genes and proteins

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

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

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

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

NIC99 - McCloskey, Joanne C., Bulechek, Gloria M., editors. NIC (Nursing Interventions Classification): Iowa Intervention Project. 2nd ed. St. Louis (MO): Mosby-Year Book, 1999.

CATEGORY 3 RESTRICTIONS APPLY

Contact: Katherine Taylor Mosby-Year Book phone: (800)345-8738, ext. 7419 email: katherine.taylor@mosby.com

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

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

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CATEGORY 3 RESTRICTIONS APPLY

Contact: Katherine Taylor, Mosby-Year Book; phone: (800)345-8738, ext. 7419; email: katherine.taylor@mosby.com

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

PCDS97 - Ozbolt, Judy Grace. Patient Data Care Set (PCDS), Version 4.0, 1998.

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

PDQ2004 - Physician Data Query (PDQ). Bethesda, MD: National Cancer Institute, 2004.

Contact: Dr. Gisele Sarosy, National Cancer Institute; Bldg. 6116, Room 3001, 6116 Executive Boulevard, Bethesda MD 20892; phone: (310) 496-9096; fax: (301) 402-8105; e-mail:

gsarosy@mail.nih.gov; <http://www.nci.nih.gov/cancerinfo/pdq/>

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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

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

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Contact: PsycINFO Permissions; phone: (800)374-2722; e-mail: PsycINFO@APA.org; American Psychological Association 750 First Street NE, Washington DC 20002-4242; phone: 800-374-2722; fax: 202-336-5633; email: PsycINFO@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 Randolph 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.

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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.

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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.

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

RXNORM_04AC - RxNorm work done by NLM. National Library of Medicine (NLM). Bethesda (MD): National Library of Medicine, META2004AC 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://www.nlm.nih.gov/research/umls/rxnorm/index.html>

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

SCTSPA_2004_04_30 - College of American Pathologists, SNOMED Clinical Terms, Spanish Language Edition, April 30, 2004. SNOMED International, 325 Waukegan Road, Northfield, IL 60093-2750. Phone: 800-323-4040 ext. 7700. Email: snomed@cap.org URL: <http://www.snomed.org>

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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.

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SNOMEDCT_2004_07_31 - SNOMED Clinical Terms. Northfield, IL: College of American Pathologists, July 31, 2004. Email: snomed@cap.org Release Date: July 31, 2004. URL: <http://www.snomed.org>.

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Contact: U.S. Department of Veterans Affairs, Veterans Health Administration, Washington DC; Steven Brown, CPEP office 1310 24th Avenue South, Nashville TN 37215; email: Steven.Brown@med.va.gov.

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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

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[Previous](#) | [Table of Contents](#) | [Next](#)

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