

DICOM Correction Item

Correction Number	CP 752
Log Summary: Update reference to HL7 OID registry for coding schemes	
Type of Modification	Name of Standard
Correction	PS 3.16 2007
<p>Rationale for Correction</p> <p>The reference to the HL7 URL for OIDs is out of date.</p> <p>The UID values from the HL7 registry for many of the existing entries in the DICOM table are not populated. Rather than populate them all by copying all the values from the HL7 registry and create a list that will always be out of date and will contain many coding schemes unlikely to ever be used in DICOM objects, instead a rule is specified to use the HL7 registry “symbolic name” as the DICOM Coding Scheme Designator, provided that it does not conflict with an entry in this table.</p> <p>Some specific additions are made of coding schemes likely to be useful in DICOM objects, including the open source Foundational Model of Anatomy, and the specific coding scheme for UMLS CUIs, which is potentially useful for allowing any term from any coding scheme that has been captured in the meta-thesaurus to be used.</p> <p>Future CPs will likely be required to assign OIDs in the HL7 Registry for:</p> <ul style="list-style-type: none"> - BIRADS - BARI 	
Sections of documents affected	
PS 3.16 Sections 2.	
Correction Wording:	

PS 3.16 Section 8: Update reference:

Table 8-1 list the coding schemes (and their designators) **that have been used in HL7, ASTM and defined for use in DICOM. Additionally, any coding scheme may be used that has an entry in the HL7 Registry of Coding Schemes, in which case the HL7 Symbolic Name shall be used as the value for the Coding Scheme Designator in DICOM, as long as it does not conflict with an entry in Table 8-1 and fits within the Value Representation of the DICOM Coding Scheme Designator (0008,0102) attribute.**

Notes: ...

4. The HL7 registration of Coding Schemes is available at
<http://hl7.org/oid/codingsystems.pdf> <http://www.hl7.org/oid/index.cfm>.

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Table 8-1 Coding Schemes

Coding Scheme Designator	Coding Scheme UID	Description
99SDM		SNOMED Version 3 (Retired)
ACR	<u>2.16.840.1.113883.6.76</u>	ACR Index for Radiological Diagnosis Revised, 3 rd Edition

		1986
ART	<u>2.16.840.1.113883.6.74</u>	WHO Adverse Reaction terms
AS4	<u>2.16.840.1.113883.6.30</u>	American Society for Testing & Materials and CPT4 (see Appendix A of ASTM E1238 and its codes revisions).
ASTM-sigpurpose	1.2.840.10065.1.12	ASTM E 2084 Signature Purpose codes (see Annex A1 of ASTM E 2084), ASTM Subcommittee E 31.20 Data and System Security for Health Information
ATC	<u>2.16.840.1.113883.6.77</u>	American Type Culture Collection
BARI		Bypass Angiography Revascularization Investigation, Alderman, EL and Stadius, M, Coronary Artery Disease 1992,3:1189-1207; endorsed by ACC/AHA Guidelines for Coronary Angiography, J Am Coll Cardiol 1999,33:1791
BI		ACR Breast Imaging Reporting and Data System (BI-RADS®BI-RADS®), Coding Scheme Version (0008,0103) is required; code values are section and paragraph identifiers within the publication where the code meaning is defined (e.g., "I.D.1", where I = Breast Imaging Lexicon, D = Special Cases, 1 = Tubular Density, as the code value for "Tubular Density"). Note: In the HL7 registry, the abbreviation BI is assigned to a different coding scheme, specifically the Beth Israel problem list.
C4	2.16.840.1.113883.6.12	American Medical Association's Current Procedure Terminology 4 (CPT-4)
C5	2.16.840.1.113883.6.82	American Medical Association's Current Procedure Terminology 5 (CPT-5)
CAS	<u>2.16.840.1.113883.6.61</u>	Chemical abstract codes—United States Pharmacopeial Convention
CD2	2.16.840.1.113883.6.13	American Dental Association's (ADA) Current Dental Terminology 2 (CDT-2)
CDCA	<u>2.16.840.1.113883.6.57</u>	CDC Analyte Codes
GDCM	<u>2.16.840.1.113883.6.58</u>	GDC Methods/Instruments Codes
CDS	<u>2.16.840.1.113883.6.79</u>	CDC Surveillance Codes
CE	<u>2.16.840.1.113883.6.80</u>	CEN PT007 ECG Diagnostic Codes.
GST	<u>2.16.840.1.113883.6.62</u>	COSTART coding system for adverse drug reactions
CVX	<u>2.16.840.1.113883.6.59</u>	CDC Vaccine Codes
DGL		DICOM—never used
DCM	1.2.840.10008.2.16.4	DICOM Controlled Terminology; PS 3.16 Content Mapping Resource, Annex D (Note that HL7 also specifies an OID of 2.16.840.1.113883.6.31, but deprecates it in favor of 1.2.840.10008.2.16.4).
DCMUID	1.2.840.10008.2.6.1	DICOM UID Registry
DQL		DICOM—never used
E	<u>2.16.840.1.113883.6.34</u>	Euclides AFP Codes
E5	<u>2.16.840.1.113883.6.35</u>	Euclides kind of quantity codes
E6	<u>2.16.840.1.113883.6.36</u>	Euclides Lab method codes

E7	<u>2.16.840.1.113883.6.37</u>	Euclides Lab equipment codes
ENZC	<u>2.16.840.1.113883.6.33</u>	Enzyme Codes
FDDC	<u>2.16.840.1.113883.6.64</u>	First DataBank Drug Codes
FDDX	<u>2.16.840.1.113883.6.63</u>	First DataBank Diagnostic Codes
FDK	<u>2.16.840.1.113883.6.38</u>	FDA K10 (device & analyte process codes).
FMA	<u>2.16.840.1.113883.6.119</u>	Digital Anatomist Foundational Model of Anatomy
HB	<u>2.16.840.1.113883.6.40</u>	Health Industry Business Communications Council (HIBCC)
HHCC	<u>2.16.840.1.113883.6.17</u>	Home Health Care Classification System
HI	<u>2.16.840.1.113883.6.39</u>	Health Outcomes Institute codes for outcome variables
HPC	2.16.840.1.113883.6.14	Healthcare Financing Administration (HCFA) Common Procedure Coding System (HCPCS)
I10	2.16.840.1.113883.6.3	International Classification of Diseases revision 10 (ICD-10)
I10P	2.16.840.1.113883.6.4	ICD-10 Procedure Coding System (ICD 10 PCS)
I9	2.16.840.1.113883.6.42	International Classification of Diseases revision 9 (ICD-9)
I9C	2.16.840.1.113883.6.2	International Classification of Diseases revision 9, with Clinical Modifications (ICD-9-CM)
IBT		International Society of Blood Transfusion (ISBT). Blood Group Terminology “1990”
IG2	<u>2.16.840.1.113883.6.44</u>	International Classification of Health Problems in Primary Care (ICHPPC-2)
ICS	<u>2.16.840.1.113883.6.41</u>	ICCS
ISO3166_1	2.16.1	ISO 3166-1 alpha-2_Country Codes (Note: HL7 uses “ISO3166-1” for the symbolic name, with a hyphen rather than an underscore)
ISO5218_1		Representation of Human Sexes (not used – see note)
ISO639_1	<u>2.16.840.1.113883.6.99</u>	Two-letter language codes (Note: HL7 uses “ISO639-1” for the symbolic name, with a hyphen rather than an underscore)
ISO639_2	<u>2.16.840.1.113883.6.100</u>	Three-letter language codes (Note: HL7 uses “ISO639-2” for the symbolic name, with a hyphen rather than an underscore)
IUC		IUPAC/IFCC Recommendations of Quantities and Units in Clinical Chemistry
IUPC	<u>2.16.840.1.113883.6.47</u>	IUPAC component (analyte) codes
IUPP	<u>2.16.840.1.113883.6.46</u>	IUPAC property codes
JC8	<u>2.16.840.1.113883.6.48</u>	Japanese Chemistry Clinical examination classification code. Japan Association of Clinical Pathology. Version 8, 1990.
LN	2.16.840.1.113883.6.1	Logical Observation Identifier Names and Codes, Regenstrief Institute
MCD		Medicaid billing codes/names.
MCR		Medicare billing codes/names.
MDDX	<u>2.16.840.1.113883.6.65</u>	Medispan diagnostic codes (drug-diagnosis interaction)

MDNS		Universal Medical Device (UMD) Nomenclature System
MEDC	<u>2.16.840.1.113883.6.67</u>	Medical Economics Drug Codes
MEDR	<u>2.16.840.1.113883.6.70</u>	Medical Dictionary for Drug Regulatory Affairs (MEDDRA)
MEDX	<u>2.16.840.1.113883.6.66</u>	Medical Economics Diagnostic Codes
MGPI	<u>2.16.840.1.113883.6.68</u>	Medispan GPI – hierarchical drug codes
MVX	<u>2.16.840.1.113883.6.60</u>	GDC Vaccine Codes
NCDR		American College of Cardiology National Cardiovascular Data Registry™ Cath Lab Module Version 1.1, 1997; Version 2.0b, 1999
NDC	<u>2.16.840.1.113883.6.69</u>	National drug codes, FDA
NIC	<u>2.16.840.1.113883.6.15</u>	Nursing Interventions – Iowa Intervention Project
NPI		HCFA National Provider Identifier
OHA	<u>2.16.840.1.113883.6.49</u>	Omaha System – Omaha Visiting Nurse Association
POS	2.16.840.1.113883.6.50	HCFA Place of Service (POS) Codes for Professional Claims
RC	<u>2.16.840.1.113883.6.6</u>	Read Clinical Classification of Medicine
RFC3066	<u>2.16.840.1.113883.6.121</u>	RFC 3066, Tags for the Identification of Languages, Internet Engineering Task Force (Note: HL7 uses “IETF3066” for the symbolic name)
S3		SNOMED Version 3 (never used in DICOM)
SCPECG		Standard Communications Protocol for Computer-Assisted Electrocardiography, Draft proposal for ISO Standard, AAMI, Revision 1.3
SNM		SNOMED (never used in DICOM)
SNM3	2.16.840.1.113883.6.51	SNOMED International_Version 3
SNT	<u>2.16.840.1.113883.6.52</u>	SNOMED topology codes (never used in DICOM)
SRT	2.16.840.1.113883.6.5	SNOMED-RT (Referenced Terminology) (Note: HL7 uses “SNM” for the symbolic name)
UC	<u>2.16.840.1.113883.6.54</u>	UCDS Uniform Clinical Data Systems
UCUM	2.16.840.1.113883.6.8	Unified Code for Units of Measure
UMD	<u>2.16.840.1.113883.6.75</u>	Universal Medical Device Nomenclature System (MDNS).
UML	<u>2.16.840.1.113883.6.56</u>	Unified Medical Language
UMLS	<u>2.16.840.1.113883.6.86</u>	UMLS codes as CUIs making up the values in a coding system
UPC	2.16.840.1.113883.6.55	Universal Product Code - Universal Code Council
UPIN		HCFA Universal Physician Identification Numbers
W1		World Health organization record number drug codes – six digit code
W2		World Health organization record number drug codes – eight digit code
W4	<u>2.16.840.1.113883.6.72</u>	World Health organization record number drug codes with ASTM extensions (see appendix A of ASTM 1238-

		91)
WC	<u>2.16.840.1.113883.6.73</u>	WHO's ATC codes provide a hierarchical classification of drugs by therapeutic class.

Note: Coding Scheme Designator ISO5218_1 was improperly specified in earlier editions of the standard. The codes attributed to that coding scheme have been added to the DICOM Controlled Terminology, and thus all references to coding scheme ISO5218_1 should be considered equivalent to coding scheme DCM.