

DICOM Correction Item

Correction Number	CP-462
Log Summary: Replace DCM codes with SNOMED codes	
Type of Modification	Name of Standard
Modification	PS 3.16 2004
Rationale for Correction: Various DCM codes are replaced by SNOMED codes.	
Sections of documents affected PS 3.16 Annex A, B, C, and D	
Correction Wording:	

Replace DCM terms for stenosis in Part 16 Annex A with SNOMED

TID 3105 Lesion Identification and Properties Type: Extensible

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
5	>	HAS PROPERTIES	NUM	EV (122107, DCM, "Baseline Stenosis Measurement") (R-101BB, SRT, "Lumen Diameter Stenosis")	1	U		UNITS = EV (% UCUM, "%")
6	≥	HAS CONCEPT MOD	CODE	EV (G-72BB, SRT, "Catheterization Procedure Phase")	1	M		EV (G-7293, SRT, "Baseline Phase")
6Z	>>	HAS CONCEPT MOD	CODE	EV (121401, DCM, "Derivation")	1	U		DCID (3745) Calculation Method
...								

TID 3808 Lesion Intervention Information Type: Extensible

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
12	>	CONTAINS	NUM	EV (122108, DCM, "Post-Intervention Stenosis Measurement") (R-101BB, SRT, "Lumen Diameter Stenosis")	1	M		UNITS = EV (% UCUM, "%")
13	≥	HAS CONCEPT MOD	CODE	EV (G-72BB, SRT, "Catheterization Procedure Phase")	1	M		EV (G-7298, SRT, "Post-intervention Phase")

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
13 14	>>	HAS CONCEPT MOD	CODE	EV (121401, DCM, "Derivation")	1	U		DCID (3745) Calculation Method
...								

Replace DCM term for procedure phase in Part 16 Annex A with SNOMED

TID 3251
IVUS Vessel
Type: Extensible

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
5	>	HAS ACQ CONTEXT	CODE	EV (409057, DCM, G-72BB , SRT , "Catheterization Procedure Phase")	1	U		DCID (3480) IVUS Procedure Phases
...								

Replace DCM term for procedure phase in Part 16 Annex C with SNOMED

TID 3403
Catheterization Acquisition Context

	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	CODE	(409057, DCM, G-72BB , SRT , "Catheterization Procedure Phase")	1	U		BCID(3250) Catheterization Procedure Phase
...						

Replace DCM terms for presence/absence and calculation in Part 16 Annex B with SNOMED

CID 240 Present-Absent

**Context ID 240
 Present-Absent**

Type: Non-extensible Version: 20030327_20050110

Coding Scheme Designator	Code Value	Code Meaning
DCM-SRT	121053 G-A203	Present
DCM-SRT	121054 R-4089B	Absent
DCM-SRT	121059 R-40271	Presence Undetermined

CID 3481 IVUS Distance Measurements

This context group is the set of distance measurements made in an IVUS procedure.

Context ID 3481

IVUS Distance Measurements

Type: Extensible Version: 20040614

Code Scheme	Code Value	Concept Name
DCM	122330	EEM Diameter
SRT	G-0364	Vessel lumen diameter
SRT	M-02551 R-101AD	Stent Diameter
DCM	122331	Plaque Plus Media Thickness
DCM	122332	Lumen Perimeter

CID 3483 IVUS Longitudinal Measurements

This context group is a set of measurements that are made on a longitudinal image. A longitudinal image is a perpendicular cut plane reconstructed from an IVUS pullback multi-frame image.

Context ID 3483

IVUS Longitudinal Measurements

Type: Extensible Version: 20040614

Code Scheme	Code Value	Concept Name
SRT	R-41FA7 R-101B0	Stent Length
SRT	R-101BAC	Stenotic Lesion Length
DCM	122341	Calcium Length
DCM	122364	Stent Gap

CID 3627 Measurement Type

**Context ID 3627
 Measurement Type**

Type: Extensible Version: ~~20030130~~ 20050110

Coding Scheme Designator	Code Value	Code Meaning
...		
DCM_SRT	121427 <u>R-10260</u>	Estimated
DCM_SRT	121428 <u>R-41D2D</u>	Calculated

CID 3745 Calculation Method

**Context ID 3745
 Calculation Method**

Type: Extensible Version: ~~20030327~~ 20050110

Coding Scheme Designator	Code Value	Code Meaning
DCM_SRT	121427 <u>R-10260</u>	Estimated
DCM_SRT	121428 <u>R-41D2D</u>	Calculated

CID 6140 Calculation Methods

**Context ID 6140
 Calculation Methods**

Type: Extensible Version: ~~20030108~~ 20050110

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
DCM_SRT	121427 <u>R-10260</u>	Estimated

Modify (retire) the following definitions in Part 16 Annex D DICOM Controlled Terminology Definitions

Annex D DICOM Controlled Terminology Definitions (Normative)

Code Value	Code Meaning	Definition	Notes
...			
109057	Catheterization Procedure Phase	A subpart of a cardiac catheterization procedure	<u>Retired. Replaced with (G-72BB, SRT, "Catheterization Procedure Phase")</u>
...			
121053	Present		<u>Retired. Replaced with (G-A203, SRT, "Present")</u>
121054	Absent		<u>Retired. Replaced with (R-4089B, SRT, "Absent")</u>
...			
121059	Presence Undetermined	Presence or absence of a property is undetermined	<u>Retired. Replaced with (R-4089B, SRT, "Undetermined")</u>
...			
121427	Estimated	Measurement obtained by estimation	<u>Retired. Replaced with (R-10260, SRT, "Estimated")</u>
121428	Calculated	Measurement obtained by calculation	<u>Retired. Replaced with (R-41D2D, SRT, "Calculated")</u>
...			
122107	Baseline Stenosis Measurement	Lesion stenosis measured prior to any interventional procedure	<u>Retired. Replaced with (R-101BB, SRT, "Lumen Diameter Stenosis"), post-coordinated with (G-7293, SRT, "Baseline Phase")</u>
122108	Post-Intervention Stenosis Measurement	Lesion stenosis measured after an interventional procedure	<u>Retired. Replaced with (R-101BB, SRT, "Lumen Diameter Stenosis"), post-coordinated with (G-7298, SRT, "Post-intervention Phase")</u>

Modify the following definitions in Part 16 Annex D DICOM Controlled Terminology Definitions

CP-462
Replace DCM codes with SNOMED codes

Date: 2005/1/10
Status: Final Text

<u>DCM_SRT</u>		121427-R- <u>10260</u>	Estimated	Estimé
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