

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2012/08/28
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Correction Number	CP-1195
Log Summary:	Various correction to PS 3.16
Name of Standard	PS 3.16 - 2011
Rationale for Correction:	Various typos and correction for Part 16
Correction Wording:	PS 3.16 Annex A, B, C and D

Annex A TID 3902 is missing the Parameter Table

TID 3902 Vascular Analysis

Contains either morphological or functional vascular measurement results of an analysis

TID 3902 Parameters

<u>Parameter Name</u>	<u>Parameter Usage</u>
<u>\$AnalysisPerformed</u>	<u>Analysis Performed</u>

TID 3902

Vascular Analysis

Type: Extensible Order: Significant

Annex A TID 5204 Content Item code scheme designator and code value exchanged in row 12

TID 3814 Left Ventriculography Findings

...

TID 3814

Left Ventriculography Findings

Type: Extensible Order: Significant

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
11	...							
12	>>	CONTAINS	CODE	EV (<u>LN</u> , 18179-2, <u>LN</u> , "Wall Segment")	1-n	M		BCID (3717) Myocardial Wall Segments
13	..							

Annex A TID 3916 Row 1 Content Item code value wrong, should be 122685

**TID 3916
Stent Properties**

Type: Extensible Order: Significant

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	HAS PROPERTIES	CODE	EV(155122685 , DCM, "Stent Composition")	1-n	M		DCID(38014) Stent Composition
2	HAS PROPERTIES	NUM	EV(R-101AD, SRT, "Vascular Stent Diameter")	1	U		Units= DT(mm, UCUM, "mm")

Annex A TID 4129 Conditions in Row 1,3,4,6 and 10 lists Row 11, must be Row 10

TID 4129 Colon CAD Geometry Template

All geometry template invocations require specification of either the location of the center of the object, the outline, or both. Geometry is a property of single image findings (see TID 4127) and composite features (see TID 4125).

**TID 4129
COLON CAD GEOMETRY**

Type: Non-Extensible Order: Significant

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		SCoord	EV (111010, DCM, "Center")	1	MC	At least one of rows 1, 3, 4, 6 or 11 shall be present.	GRAPHIC TYPE = {POINT}
2	> SELECTED FROM	IMAGE		1	M		
3		SCoord3D	EV (111010, DCM, "Center")	1	MC	At least one of rows 1, 3, 4, 6 or 11 shall be present.	GRAPHIC TYPE = {POINT}
4		SCoord	EV (111041, DCM, "Outline")	1	MC	At least one of rows 1, 3, 4, 6 or 11 shall be present.	
5	> SELECTED FROM	IMAGE		1	M		
6		SCoord3D	EV (111041, DCM, "Outline")	1	MC	At least one of rows 1, 3, 4, 6 or 11 shall be present.	
7		SCoord	DCID (6166) CAD Geometry Secondary Graphical Representation	1-n	U		
8	> SELECTED FROM	IMAGE		1	M		
9		SCoord3D	DCID (6166) CAD Geometry Secondary Graphical Representation	1-n	U		
10		IMAGE	EV (112229, DCM, "Identifying Segment")	1	MC	At least one of rows 1, 3, 4, 6 or 11 shall be present.	Referenced image shall be a Segmentation and the content item shall include Referenced Segment Number (0062,000B)

Annex A TID 5202 Content Item code scheme designator and code value exchanged in row 7

TID 5202 Echo Section

...

**TID 5202
ECHO SECTION**

Type: Extensible Order: Significant

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
6	...							
7	>>	HAS ACQ CONTEXT	CODE	EV (LN, 18139-6, LN, "Stage")	1	U		BCID (12002) Ultrasound Protocol Stage Types
8	...							

Annex A TID 5203 Content Item code scheme designator and code value exchanged in row 7

TID 5203 Echo Measurement

...

TID 5203 Echo Measurement

Type: Extensible Order: Significant

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
6	...							
7	>	HAS ACQ CONTEXT	CODE	EV (LN, 18139-6, LN, "Stage")	1	U		BCID (12002) Ultrasound Protocol Stage Types

Annex A TID 5204 Content Item code scheme designator and code value exchanged in row 3, 5 and 10

TID 5204 Wall Motion Analysis

Type: Extensible Order: Significant

	NL	Relation with Parent	Value Type	Concept Name	VM	Req Type	Condition	Value Set Constraint
...								
3	>	HAS ACQ CONTEXT	CODE	EV (LN, 18139-6, LN, "Stage")	1	U		BCID (3207) Stress Test Procedure Phases
4	>	CONTAINS	IMAGE	EV (125201, DCM, "Illustration of Finding")	1	U		
5	>	CONTAINS	TEXT	EV (LN, 18118-0, LN, "LV Wall Motion Segmental Findings")	1	U		
...								
10	>>	CONTAINS	CODE	EV (LN, 18179-2, LN, "Wall Segment")	1-n	M		BCID (3717) Myocardial Wall Segments
...								

Annex C TID 15100 Row 1, 2 and 4 wrong format of CID reference

TID 15100

Contrast Agent/Pre-Medication Protocol Context

Type: Extensible Order: Non-Significant

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CODE	EV (123011, DCM, "Contrast/Bolus Agent")	1-n	U		BCID (12) <u>Radiographic Contrast Agent</u>
2	>	CODE	EV (G-C340, SRT, "Route of Administration")	1	U		BCID (11) <u>Route of Administration</u>
3		CODE	EV (123012, DCM, "Pre-	1-n	U		

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
			Medication")				
4	>	CODE	EV (G-C340, SRT, "Route of Administration")	1	U		BCID (11) <u>Route of Administration</u>

Annex C TID 151001 Row 1, 2 and 8 wrong format of CID reference

TID 15101
NM/PET Protocol Context
Type: Extensible Order: Significant

	NL	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CODE	EV (123001, DCM, "Radiopharmaceutical")	1	M		BCID (25) <u>Radiopharmaceuticals (for NM) or BCID (4021) PET Radiopharmaceutical (for PET)</u>
2	>	CODE	EV (C-B1000, SRT, "Diagnostic Radioisotope")	1	U		BCID (18) <u>Isotopes in Radiopharmaceuticals (for NM) or BCID (4020) PET Radionuclide (for PET)</u>
...							
8	>	CODE	EV (G-C340, SRT, "Route of Administration")	1	U		BCID (11) <u>Route of Administration</u>
...							

Annex D add the following code definitions

DICOM Code Definitions (Coding Scheme Designator "DCM" Coding Scheme Version "01")

Code Value	Code Meaning	Definition	Notes
...			
111206	Insufficient implant displacement incorrect	Image quality deficiency according to MQCM	
<u>111207</u>	<u>Image artifact(s)</u>	<u>Signals that do not faithfully reproduce actual anatomic structures because of distortion or of addition or deletion of information</u>	
111208	Grid artifact(s)	Feature(s) arising from the acquisition unit's anti-scatter grid mechanism. For two-dimensional systems, such features include those of mechanically damaged or incorrectly positioned grids. For moving or Bucky grids, artifacts may result from intentional grid motion that is inadequate in duration or velocity uniformity.	
...			


111586	Relative frequency of use	A qualitative descriptor for the frequency with which a medication or substance was or is being used.	
111587	No known exposure	Patient is not known to have been exposed to or used the substance or medication.	
111590	Recall for technical reasons	Patient returns for additional images to improve the quality of the most recent exam.	
...			


Annex B CID 7308 and Annex D code value 112315 is used twice

**Context ID 7308
Human Hip Implant Component Types
Type: Extensible Version: 20101102**

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)
...		
DCM	112315	Monoblock Stem
DCM	112315 1123XX	Distal Centralizer
...		

DICOM Code Definitions (Coding Scheme Designator “DCM” Coding Scheme Version “01”)

Code Value	Code Meaning	Definition	Notes
...			
112315	Monoblock Stem	Prosthetic Stem and Femoral Head in one piece. 	
112315 112325	Distal Centralizer	Attachment to the distal end of a cemented stem assuring that the stem is in a central position inside the drilled femoral canal before cementation.	

			
...			