

DICOM Correction Item

Correction Number		CP-679	
Log Summary: Corrections and Additions to CT/MR Cardiovascular SR			
Type of Modification		Name of Standard	
Changes & Addition		PS 3.16-2006, PS 3.17-2006	
Rationale for correction			
Some corrections/additions are needed to the CT/MR Angio SR templates introduced in Supplement 97.			
Sections of documents affected:			
PS 3.16 Annex A			
- TID 3905			
- TID 3906			
- TID 3907			
- TID 3910			
- TID 3912			
- TID 3923			
PS 3.16 Annex B			
- CID 3015			
PS 3.17 Annex FF			
- FF.2 Template Structure			
Correction Wording:			

Modify Part 16 Annex A

TID 3905
Calcium Scoring Results
 Type: Extensible

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (121070, DCM, "Findings")	1	M		
...								
9	>	CONTAINS	NUM	EV(F-02A3B, SRT, "Number of Lesions")	1	U		Units= DT ({lesions}, UCUM, "lesions")
10	>	CONTAINS	INCLUDE	<u>DTID (3909) Best illustration of findings</u>	1-n	U		

TID 3906
Vascular Section Measurements
 Type: Extensible

9	>	CONTAINS	CONTAINER	EV(125007, DCM, "Measurement Group")	1-n	M		
10	>>	HAS CONCEPT MOD	TEXT	EV(G-C0E3, SRT, "Finding Site")	1	MC	XOR row 11	
11	>>	HAS CONCEPT MOD	CODE	EV(G-C0E3, SRT, "Finding Site")	1	MC	XOR row 10	
12	>>	CONTAINS	INCLUDE	DTID(300) Measurement	1	U		\$Measurement = EV(122207, DCM, "Blood Velocity, Peak") \$Units = DT(cm/s, UCUM, "cm/s")
...								
18	>>	CONTAINS	INCLUDE	DTID(300) Measurement	1-n	U		\$Measurement = EV(G-0366, SRT, "Vessel Lumen Cross-Sectional Area") \$Derivation = DCID (3488) Min/Max/Mean \$Units = DT(mm2, UCUM, "mm^2")
49	>>	CONTAINS	INCLUDE	DTID(300) Measurement	1	U		\$Measurement = EV(F-32110, SRT, "Cardiac Index") \$Units = DT(l/min/m2, UCUM, "l/min/m^2")

TID 3912
Stenosis Properties
 Type: Extensible

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
...							
11	HAS PROPERTIES	CODE	EV(R-101BA, SRT, "Lumen Area Stenosis")	1-n	U		DCID(3832) Stenosis Grade
12	> HAS CONCEPT MOD	CODE	EV(121401, DCM, "Derivation")	1	M		DCID(3488) Min/Max/Mean
13	<u>HAS PROPERTIES</u>	<u>CODE</u>	<u>EV(R-101BB, SRT, "Lumen Diameter Stenosis")</u>	<u>1-n</u>	<u>U</u>		<u>DCID(3832) Stenosis Grade</u>
14	<u>> HAS CONCEPT MOD</u>	<u>CODE</u>	<u>EV(121401, DCM, "Derivation")</u>	<u>1</u>	<u>M</u>		<u>DCID(3488) Min/Max/Mean</u>

TID 3923
BSA-normalized Ventricular Measurements
 Type: Extensible

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1	CONTAINS	CONTAINER	EV(122609, DCM, "Normalized values of ventricular measurements")	1	M		
2	> HAS CONCEPT MOD	CODE	EV(121425, DCM, "Index")	1	M		DT(8277-6, LN, "Body Surface Area")
3	> <u>CONTAINS</u>	<u>INCLUDE</u>	<u>DTID(300) Measurement</u>	<u>1</u>	<u>M</u>		<u>\$Measurement=EV(8277-6, LN, "Body Surface Area") \$Unit=DT(m2, UCUM, "m^2")</u>
4	>> <u>INFERRED FROM</u>	<u>CODE</u>	<u>EV (8278-4, LN, "Body Surface Area Formula")</u>	<u>1</u>	<u>U</u>		<u>BCID (3663) Body Surface Area Equations</u>

NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
35 >	CONTAINS	INCLUDE	DTID(300) Measurement	1-n	U		\$Measurement = DCID(3835) Volume Measurements \$ModType = EV (121425, DCM, "Index") \$ModValue = DT(8277-6, LN, "Body Surface Area") \$Units=DT(ml/m2, UCUM, "ml/m^2")
46 >	CONTAINS	INCLUDE	DTID(300) Measurement	1	U		\$Measurement = EV(F-32110, SRT, "Cardiac Index") \$Units=DT(ml/min/m2, UCUM, "(ml/min)/m^2")
...							

Modify Part 16 Annex A

CID 3015 Coronary Arteries

**Context ID 3015
 Coronary Arteries**

Type: Non-Extensible Version: 20030327

Coding Scheme Designator	Code Value	Code Meaning
		Include CONTEXT ID 3014 Coronary Artery Segments
SNM3	T-4311A	Left Anterior Descending Coronary Artery
SNM3	T-43203	Right Coronary Artery
SNM3	T-43120	Circumflex Coronary Artery
SRT	<u>T-43125</u>	<u>Left Posterolateral Circumflex Coronary Artery</u>
SRT	<u>T-4312E</u>	<u>Left Posterior Descending Circumflex Coronary Artery</u>

Modify Part 17 FF.2 Template Structure figure



