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7	Submission Date	2024/12/01

8	Correction Number CP-2483	
9	Log Summary: Correct duplicate rows in TID 3913 Aneurysm Properties	
10	Name of Standard	
11	PS3.16	
12	Rationale for Correction:	
13	TID 3913 Aneurysm Properties contains two rows at the same level with the same concept name but different requirements for invocation.	
14		
15	This appears to be an attempt to indicate that when an aneurysm is of the mixed types, additional types can be included (conditionally optionally), but that is already possible given the 1-n multiplicity of the first (mandatory) invocation.	
16		
17	Remove the redundant rows and explain the usage in a Content Item Description entry.	
18	<i>[Ed. Note: This template is heavily dependent on the order of the rows; a better design would be for Rows 2 and 3 to be children of Row 1, just as Row 5 was a child of Row 4.]</i>	
19		
20	Correction Wording:	

Amend DICOM PS3.16 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

TID 3913 Aneurysm Properties

Properties of an aneurysm finding

Order: **Significant**

Table TID 3913. Aneurysm Properties

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS PROPERTIES	CODE	EV (116676008, SCT, "Associated Morphology")	1-n	M		DCID 3808 "Aneurysm Type"
2		HAS PROPERTIES	CODE	EV (47429007, SCT, "Associated with")	1	U		DCID 3815 "Source of Vascular Finding"
3		HAS PROPERTIES	INCLUDE	DTID 3917 "Aneurysm Measurements"	1	U		
4		HAS PROPERTIES	CODE	EV (116676008, SCT, "Associated Morphology")	1-n	UC	IFF value of Row 1 = (85726003, SCT, "Mixed Aneurysm")	DCID 3808 "Aneurysm Type"
5	>	HAS PROPERTIES	INCLUDE	DTID 3917 "Aneurysm Measurements"	1	U		

Content Item Descriptions

Row 1	<u>When this row contains a (85726003, SCT, "Mixed Aneurysm") value, additional repetitions of this row may be present to describe the types of aneurysm that are mixed.</u>
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For reference unchanged, the templates that invoke and are invoked by TID 3913, and the context groups used:

TID 3908 Vascular Lesion

Order: **Significant**

Table TID 3908. Vascular Lesion

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINS	CONTAINER	EV (300577008, SCT, "Lesion Finding")	1	M		
...								
9	>	CONTAINS	CODE	EV (116676008, SCT, "Associated Morphology")	1-n	M		DCID 3810 "Vascular Morphology"
10	>>		INCLUDE	DTID 3909 "Best Illustration of Findings"	1-n	U		
11	>>	HAS PROPERTIES	TEXT	EV (121106, DCM, "Comment")	1-n	U		
12	>>		INCLUDE	DTID 3911 "Plaque Properties"	1	MC	IFF value of Row 9 = (1522000, SCT, "Plaque")	

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
13	>>		INCLUDE	DTID 3912 "Stenosis Properties"	1	MC	IFF value of Row 9 = (415582006, SCT, "Stenosis")	
14	>>		INCLUDE	DTID 3913 "Aneurysm Properties"	1	MC	IFF value of Row 9 = (85659009, SCT, "Aneurysm")	
15	>>		INCLUDE	DTID 3914 "Arterial Dissection Properties"	1	MC	IFF value of Row 9 = (710864009, SCT, "Arterial Dissection")	
16	>>	HAS PROPERTIES	CODE	EV (116676008, SCT, "Associated Morphology")	1	MC	IFF value of Row 9 = (107671003, SCT, "Vascular Sclerosis")	DCID 3817 "Vascular Sclerosis Type"
17	>>		INCLUDE	DTID 3915 "Vascular Occlusion Properties"	1	MC	IFF value of Row 9 = (26036001, SCT, "Occlusion")	
18	>>		INCLUDE	DTID 3916 "Stent Properties"	1	MC	IFF value of Row 9 = (65818007, SCT, "Stent")	

TID 3917 Aneurysm Measurements

Order: Significant

Table TID 3917. Aneurysm Measurements

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (410668003, SCT, "Length") \$ModType = EV (260858005, SCT, "Extent") \$ModValue = DT (38717003, SCT, "Longitudinal") \$Units = DT (mm, UCUM, "mm")
2			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (118565006, SCT, "Volume") \$Method = DCID 3807 "Volume Measurement Method" \$Units = DT (mm3, UCUM, "mm3")
3			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (415816005, SCT, "Vessel Lumen Cross-Sectional Area Increase") \$Units = DT (% , UCUM, "%")
4			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (415816005, SCT, "Vessel Lumen Cross-Sectional Area Increase") \$Units = DT (mm2, UCUM, "mm2")

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (415817001, SCT, "Vessel Lumen Cross-Sectional Diameter Increase") \$Units = DT (% , UCUM, "%")
6			INCLUDE	DTID 300 "Measurement"	1	U		\$Measurement = EV (415817001, SCT, "Vessel Lumen Cross-Sectional Diameter Increase") \$Units = DT (mm, UCUM, "mm")

CID 3808 Aneurysm Type

Table CID 3808. Aneurysm Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-RT ID	UMLS Concept Unique ID
SCT	710864009	dissecting aneurysm	D3-80086	C0020449
SCT	314186008	inflammatory abdominal aortic aneurysm	D3-83602	C1279376
SCT	22039006	ruptured aneurysm	M-32201	C0162869
SCT	85726003	mixed aneurysm	M-32240	C0333093
SCT	14156004	racemose aneurysm	M-32410	C0334533
SCT	233982006	cirroid aneurysm	D3-80002	C0334533
SCT	51668007	mycotic aneurysm	M-32320	C0085808
SCT	43299000	miliary aneurysm	M-32310	C0333097
SCT	54002007	saccular aneurysm	M-32340	C2713497
SCT	57754000	varicose aneurysm	M-32221	C0333091
SCT	85431000	fusiform aneurysm	M-32350	C0333099
SCT	110421000	traumatic aneurysm	M-32210	C1527161
SCT	125271003	thrombosed aneurysm	M-32202	C1265766
SCT	125272005	expanding aneurysm	M-32203	C1265767
SCT	125273000	calcified aneurysm	M-32204	C1265768
SCT	125274006	multiple aneurysm	M-32208	C1265769
SCT	52856002	cylindroid aneurysm	M-32360	C0333100
SCT	70984001	serpentine aneurysm	M-32260	C0333095

For reference unchanged, hyperlink targets:

1 **TID 300 Measurement**

2 **CID 3815 Source of Vascular Finding**

3 **TID 3909 Best Illustration of Findings**

4 **TID 3910 Flow Quantification**

5 **TID 3911 Plaque Properties**

6 **TID 3912 Stenosis Properties**

7 **TID 3914 Arterial Dissection Properties**

8 **TID 3915 Vascular Occlusion Properties**

9 **TID 3916 Stent Properties**

10 **CID 3807 Volume Measurement Method**

11 **CID 3810 Vascular Morphology**

12 **CID 3817 Vascular Sclerosis Type**