

1	Status	Assigned
2	Date of Last Update	2016/09/05
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6	Submission Date	2016/08/04

7	Correction Number CP-1647	
8	Log Summary: Correct SNOMED lesion codes and synonyms	
9	Name of Standard	
10	PS3.16	
11	Rationale for Correction:	
12	Over time various different codes and synonyms have been used in different contexts for the concept of a "lesion" and/or findings	
13	about a lesion, and some uses of these uses are now deemed "inappropriate" in SNOMED.	
14	Replace uses of M-01000 that have a synonym of "Lesion" (inappropriate synonym in SNOMED) with the preferred name in SNOMED,	
15	"Morphologically abnormal structure".	
16	Clean up uses of M-01000 that have correct (acceptable) synonyms to use "Morphologically abnormal structure" rather than variants	
17	of it.	
18	In addition, SNOMED also contains a different code M-01100 (SCT:52988006, UMLS:C0221198), which is "Lesion (morphologic	
19	abnormality)", and is a child of M-01000, which is not currently in the DICOM-SNOMED subset but has been requested (SIRS	
20	Request ID 710711 Batch ID 710721), and is added to provide support for the more specific concept.	
21	(F-03FCD, SRT, "Lesion Finding") is not an appropriate substitute for M-01000, since it refers to the characteristics of lesions, rather	
22	than the lesion per se.	
23	Correction Wording:	

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

TID 3215 Angiographic Lesion Analysis

Table TID 3215. Angiographic Lesion Analysis

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (F-03FCD, SRT, "Lesion Finding")	1	M		
2	>	CONTAINS	TEXT	EV (121151, DCM, "Lesion Identifier")	1	M		
...				

TID 3252 IVUS Lesion

Table TID 3252. IVUS Lesion

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1			CONTAINER	EV (F-03FCD, SRT, "Lesion Finding")	1	M		
2	>	HAS OBS CONTEXT	TEXT	EV (121151, DCM, "Lesion Identifier")	1	M		Up to 3 numeric characters
...				

TID 3908 Vascular Lesion

Table TID 3908. Vascular Lesion

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		CONTAINS	CONTAINER	EV (F-03FCD, SRT, "Lesion Finding")	1	M		
2	>	CONTAINS	TEXT	EV (121151, DCM, "Lesion Identifier")	1	M		
...				

TID 3911 Plaque Properties

Table TID 3911. Plaque Properties

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
1		HAS PROPERTIES	NUM	EV (122376, DCM, "Total Plaque Volume")	1	U		UNITS = DT (mm3, UCUM, "mm3")
2		HAS PROPERTIES	CODE	EV (G-A428, SRT, "Margin")	1	U		D???
3		HAS PROPERTIES	CODE	EV (M-01000, SRT, "Morphologically Abnormal Structure")	1-n	M		D???
4		HAS PROPERTIES	INCLUDE	D???	1	U		

	NL	Rel with Parent	VT	Concept Name	VM	Req Type	Condition	Value Set Constraint
5		HAS PROPERTIES	CODE	EV (121071, DCM, "Finding")	1	U		DT (R-102DA, SRT, "Contrast Media Seen in Plaque")

CID 3487 Intravascular Volumetric Regions

Type: Extensible
Version: ~~20110609~~yyyyymmdd

Table CID 3487. Intravascular Volumetric Regions

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
...
SRT	M-01000	Lesion <u>Morphologically Abnormal Structure</u>	49755003	C0332447
<u>SRT</u>	<u>M-01100</u>	<u>Lesion</u>	<u>52988006</u>	<u>C0221198</u>
...

Note

(M-01000, SRT, "Morphologically Abnormal Structure") was previously described with a Code Meaning of "Lesion", but that synonym has been retired as "inappropriate" in SNOMED. The Code Meaning has been replaced with the preferred SNOMED term, and the separate concept (M-01100, SRT, "Lesion") added.

CID 4266 Ophthalmic Anatomic Structure Reference Point

Type: Extensible
Version: ~~20131014~~yyyyymmdd

Table CID 4266. Ophthalmic Anatomic Structure Reference Point

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	M-01000	Lesion <u>Morphologically Abnormal Structure</u>	49755003	C0332447
<u>SRT</u>	<u>M-01100</u>	<u>Lesion</u>	<u>52988006</u>	<u>C0221198</u>
...

Note

(M-01000, SRT, "Morphologically Abnormal Structure") was previously described with a Code Meaning of "Lesion", but that synonym has been retired as "inappropriate" in SNOMED. The Code Meaning has been replaced with the preferred SNOMED term, and the separate concept (M-01100, SRT, "Lesion") added.

CID 7150 Segmentation Property Categories

Type: Extensible
Version: 20140627

Table CID 7150. Segmentation Property Categories

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D0050	Tissue	85756007	C0040300
SRT	T-D000A	Anatomical Structure	123037004	C1268086
SRT	A-00004	Physical object	260787004	C0085089
SRT	M-01000	Morphologically Altered Abnormal Structure	49755003	C0221198
SRT	R-42019	Function	246464006	C0542341
SRT	R-42018	Spatial and Relational Concept	309825002	C0587374
SRT	T-D0080	Body Substance	91720002	C0504082

J SNOMED Retired Codes**Table J-1. SNOMED Codes Retired from DICOM Use**

Retired Code Value	Code Meaning	Replacement Code	Notes
F-00585	Lesion Finding	F-03FCD	Replacement code has meaning of "Finding of lesion (finding)". Retired code is inactive in SNOMED CT (Duplicate).

Table J-2. SNOMED Synonyms Retired from DICOM Use

<u>Code Value</u>	<u>Retired Code Meaning</u>	<u>Replacement Code Meaning</u>	<u>Notes</u>
<u>M-01000</u>	<u>Lesion</u>	<u>Morphologically Abnormal Structure</u>	<u>Retired synonym has status of "inappropriate" in SNOMED CT.</u> <u>A different SNOMED CT concept is used to refer specifically to lesions. (M-01100, SRT, "Lesion").</u>