DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2014/06/19
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Submission Date	2013/09/14

Correction Number	CP-1338
Log Summary: Move Body Substance from Type to Category for Segmentation	
Name of Standard PS 3.16 2013	

Rationale for Correction:

CP 1258 extended the codes available for Segmentation Property Category and Type, but specified Body Substance as a Type rather than a Category (e.g., urine, etc. are body substances and need to be described in that category). It is distinct from Tissue.

UMLS definition of Body Substance is "Material anatomical entity in a gaseous, liquid, semisolid or solid state, with or without the admixture of cells and biological macromolecules; produced by anatomical structures or derived from inhaled and ingested substances that have been modified by anatomical structures. Examples: saliva, semen, cerebrospinal fluid, respiratory air, urine, feces, blood, plasma, lymph."

UMLS definition of Tissue is "Anatomical structure which has as its parts cells of predominantly one type with or without intercellular matrix. Examples: epithelium, muscle tissue, connective tissue, neural tissue, lymphoid tissue."

Correction Wording:

Amend PS 3.16:

CID 7150   Segmentation Property Categories

Context ID 7150
Segmentation Property Categories
Type: Extensible Version: ~~20130617~~ yyyymmdd

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	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 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**

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CID 7165   Abstract Segmentation Types

Context ID 7165
Abstract Segmentation Types
Type: Extensible Version: ~~20130617~~ yyyymmdd

Coding Scheme Designator (0008,0102)	Code Value (0008,0100)	Code Meaning (0008,0104)	SNOMED-CT Concept ID	UMLS Concept Unique ID
DCM	125040	Background		
~~SRT~~	~~T-D0080~~	~~Body Substance~~	~~91720002~~	~~C0504082~~
SRT	T-D0050	Tissue	85756007	C0040300
SRT	F-61779	Waste Material	289925000	C0043045