

1	Status	Assigned
2	Date of Last Update	2017/01/30
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6	Submission Date	2017/01/29

7	Correction Number CP-1694	
8	Log Summary: Match Segmentation Property Categories with specific Context Group	
9	Name of Standard	
10	PS3.16	
11	Rationale for Correction:	
12	A short list of concepts for Segmentation Property Categories is provided in CID 7150, but these are not explicitly related to the	
13	concepts and context groups provided for CID 7151 Segmentation Property Types which includes many subordinate context groups.	
14	Though it may be relatively obvious to a domain expert which category to use for which type, a more explicit relationship is desirable,	
15	and this can be achieved by a 1:1 mapping of categories to new or existing context groups that group subsets of subordinate property	
16	type context groups appropriately.	
17	During the course of this categorization, it became apparent that it is necessary to refactor some context groups that contain a mixture	
18	of concepts of different categories, and also to rename some context groups whose name implies an incorrect categorization.	
19	Correction Wording:	

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

CID 7150 Segmentation Property Categories

Type: Extensible
Version: ~~20140627~~yyyymmdd

Table CID 7150. Segmentation Property Categories

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Segmentation Property Type Context Group
SRT	T-D0050	Tissue	85756007	C0040300	<u>CID cccc1 "Tissue Segmentation Property Types"</u>
SRT	T-D000A	Anatomical Structure	123037004	C1268086	<u>CID cccc2 "Anatomical Structure Segmentation Property Types"</u>
SRT	A-00004	Physical object	260787004	C0085089	<u>CID cccc3 "Physical Object Segmentation Property Types"</u>
SRT	M-01000	Morphologically Altered Structure	49755003	C0221198	<u>CID cccc4 "Morphologically Altered Structure Segmentation Property Types"</u>
SRT	R-42019	Function	246464006	C0542341	<u>CID cccc5 "Function Segmentation Property Types"</u>
SRT	R-42018	Spatial and Relational Concept	309825002	C0587374	<u>CID cccc6 "Spatial and Relational Concept Segmentation Property Types"</u>
SRT	T-D0080	Body Substance	91720002	C0504082	<u>CID cccc7 "Body Substance Segmentation Property Types"</u>
<u>SRT</u>	<u>F-61002</u>	<u>Substance</u>	<u>105590001</u>	<u>C0439861</u>	<u>CID cccc8 "Substance Segmentation Property Types"</u>

CID cccc1 Tissue Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc1. Tissue Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<u>Include CID 6040rf3 "Non-lesion Object Type - Tissues"</u>				
<u>Include CID 6138rf3 "Chest Non-lesion Object Type - Tissues"</u>				
<u>Include CID 7166 "Common Tissue Segmentation Types"</u>				

CID cccc2 Anatomical Structure Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc2. Anatomical Structure Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
		<u><i>Include CID 3010 "Cardiovascular Anatomic Locations"</i></u>		
		<u><i>Include CID 3827 "Vessel Segments"</i></u>		
		<u><i>Include CID 3829 "Pulmonary Arteries"</i></u>		
		<u><i>Include CID 4028 "Craniofacial Anatomic Regions"</i></u>		
		<u><i>Include CID 4030 "CT, MR and PET Anatomy Imaged"</i></u>		
		<u><i>Include CID 4040 "Endoscopy Anatomic Regions"</i></u>		
		<u><i>Include CID 6110 "Lung Anatomy Finding or Feature"</i></u>		
		<u><i>Include CID 6111 "Bronchovascular Anatomy Finding or Feature"</i></u>		
		<u><i>Include CID 6112 "Pleura Anatomy Finding or Feature"</i></u>		
		<u><i>Include CID 6113 "Mediastinum Anatomy Finding or Feature"</i></u>		
		<u><i>Include CID 6114 "Osseous Anatomy Finding or Feature"</i></u>		
		<u><i>Include CID 6116 "Muscular Anatomy"</i></u>		
		<u><i>Include CID 6117 "Vascular Anatomy"</i></u>		
		<u><i>Include CID 7152 "Cardiac Structure Segmentation Types"</i></u>		
		<u><i>Include CID 7153 "CNS Tissue-Segmentation Types"</i></u>		
		<u><i>Include CID 7154 "Abdominal Organ-Segmentation Types"</i></u>		
		<u><i>Include CID 7155 "Thoracic Tissue-Segmentation Types"</i></u>		
		<u><i>Include CID 7156 "Vascular Tissue-Segmentation Types"</i></u>		
		<u><i>Include CID 7160 "Pelvic Organ Segmentation Types"</i></u>		
		<u><i>Include CID 7167 "Peripheral Nervous System Segmentation Types"</i></u>		

CID cccc3 Physical Object Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc3. Physical Object Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
		<u><i>Include CID 8 "Angiographic Interventional Devices"</i></u>		
		<u><i>Include CID 6040rf1 "Non-lesion Object Type - Physical Objects"</i></u>		
		<u><i>Include CID 6138rf1 "Chest Non-lesion Object Type - Physical Objects"</i></u>		
		<u><i>Include CID 7157 "Device Segmentation Types"</i></u>		
		<u><i>Include CID 7158 "Artifact Segmentation Types"</i></u>		

CID cccc4 Morphologically Altered Structure Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc4. Morphologically Altered Structure Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<i>Include CID 7159 "Lesion Segmentation Types"</i>				

CID cccc5 Function Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc5. Function Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<i>Include CID 7161 "Physiology Segmentation Types"</i>				

CID cccc6 Spatial and Relational Concept Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc6. Spatial and Relational Concept Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<u>DCM</u>	<u>112082</u>	<u>Interface</u>		
<u>DCM</u>	<u>112083</u>	<u>Line</u>		
<u>DCM</u>	<u>112084</u>	<u>Lucency</u>		
<i>Include CID 7165 "Abstract Segmentation Types"</i>				

Note

Some of the concepts in this context group are derived from CID 6109 "Radiographic Anatomy Finding or Feature".

CID cccc7 Body Substance Segmentation Property Types

Type: Extensible
Version: yyyymmdd

Table CID cccc7. Body Substance Segmentation Property Types

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<u>SRT</u>	T-60650	<u>Bile</u>	70150004	C0005388
<u>SRT</u>	T-D0070	<u>Body fluid</u>	32457005	C0005889
<u>SRT</u>	T-59666	<u>Feces</u>	39477002	C0015733
<u>SRT</u>	C-10080	<u>Gas</u>	74947009	C0017110
<u>SRT</u>	T-70060	<u>Urine</u>	78014005	C0042036

CID cccc8 Substance Segmentation Property Types

Type: Extensible
Version: yyyymmdd

1 **Table CID cccc8. Substance Segmentation Property Types**

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>	<u>SNOMED-CT Concept ID</u>	<u>UMLS Concept Unique ID</u>
<i>Include CID 6040rf2 "Non-lesion Object Type - Substances"</i>				

5 **CID 7151 Segmentation Property Types**

6 Type: Extensible
 8 Version: 20130617yyymmdd

10 **Table CID 7151. Segmentation Property Types**

<u>Coding Scheme Designator</u>	<u>Code Value</u>	<u>Code Meaning</u>
<i>Include CID cccc1 "Tissue Segmentation Property Types"</i>		
<i>Include CID cccc2 "Anatomical Structure Segmentation Property Types"</i>		
<i>Include CID cccc3 "Physical Object Segmentation Property Types"</i>		
<i>Include CID cccc4 "Morphologically Altered Structure Segmentation Property Types"</i>		
<i>Include CID cccc5 "Function Segmentation Property Types"</i>		
<i>Include CID cccc6 "Spatial and Relational Concept Segmentation Property Types"</i>		
<i>Include CID cccc7 "Body Substance Segmentation Property Types"</i>		
<i>Include CID 8 "Angiographic Interventional Devices"</i>		
<i>Include CID 3010 "Cardiovascular Anatomic Locations"</i>		
<i>Include CID 3827 "Vessel Segments"</i>		
<i>Include CID 3829 "Pulmonary Arteries"</i>		
<i>Include CID 4028 "Craniofacial Anatomic Regions"</i>		
<i>Include CID 4030 "CT, MR and PET Anatomy Imaged"</i>		
<i>Include CID 4040 "Endoscopy Anatomic Regions"</i>		
<i>Include CID 6040 "Non-lesion Object Type"</i>		
<i>Include CID 6109 "Radiographic Anatomy Finding or Feature"</i>		
<i>Include CID 6138 "Chest Non-lesion Object Type"</i>		
<i>Include CID 7152 "Cardiac Structure Segmentation Types"</i>		
<i>Include CID 7153 "GNS Tissue Segmentation Types"</i>		
<i>Include CID 7154 "Abdominal Organ Segmentation Types"</i>		
<i>Include CID 7155 "Thoracic Tissue Segmentation Types"</i>		
<i>Include CID 7156 "Vascular Tissue Segmentation Types"</i>		
<i>Include CID 7157 "Device Segmentation Types"</i>		
<i>Include CID 7158 "Artifact Segmentation Types"</i>		
<i>Include CID 7159 "Lesion Segmentation Types"</i>		
<i>Include CID 7160 "Pelvic Organ Segmentation Types"</i>		
<i>Include CID 7161 "Physiology Segmentation Types"</i>		
<i>Include CID 7165 "Abstract Segmentation Types"</i>		
<i>Include CID 7166 "Common Tissue Segmentation Types"</i>		
<i>Include CID 7167 "Peripheral Nervous System Segmentation Types"</i>		

Note

This set is expected to be extended as various applications further define segmentation properties.

CID 7153 CNS Tissue Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7153. CNS Tissue Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-B1100	Adenohypophysis	62818001	C0032008
SRT	T-A3230	Amygdala	4958002	C0002708
SRT	T-A1220	Arachnoid	75042008	C0003707
FMA	276650	Arcuate Fasciculus		C2329633
SRT	T-A0100	Brain	12738006	C0006104
SRT	T-A0109	Brain cerebrospinal fluid pathway	280371009	C0459387
SRT	T-D0558	Brain stem	119238007	C1268144
SRT	T-A1600	Brain ventricle	35764002	C0007799
SRT	T-A3200	Caudate nucleus	11000004	C0007461
SRT	T-A0090	Central nervous system	21483005	C0927232
SRT	T-A6080	Cerebellar white matter	33060004	C0152381
SRT	T-A1800	Cerebral aqueduct	80447000	C0007769
SRT	T-A2020	Cerebral cortex	40146001	C0007776
SRT	T-A2970	Cerebral fornix	87463005	C0152334
SRT	T-A2020	Cerebral Grey Matter	40146001	C0007776
SRT	T-A2030	Cerebral White Matter	68523003	C0152295
SRT	T-A1000	Cerebrospinal Fluid	65216001	C0007806
SRT	T-A2840	Cingulum	37035000	C0228272
SRT	T-A2700	Corpus callosum	88442005	C0010090
SRT	T-A3100	Corpus striatum	31428008	C0010097
SRT	T-A0102	Diencephalon	87563008	C0012144
SRT	T-A1120	Dura mater	18545000	C0013313
SRT	T-A2594	Entorhinal Cortex	3937002	C0175196
SRT	T-A1820	Fourth ventricle	35918002	C0149556
SRT	T-A2200	Frontal lobe	83251001	C0016733
SRT	T-A3500	Globus pallidus	14738005	C0017651
SRT	T-A0096	Gray Matter	389081007	C1300312
SRT	T-A2570	Hippocampus	5366008	C0019564
SRT	T-A6640	Inferior cerebellar peduncle	67701001	C0152393
SRT	T-A2850	Inferior longitudinal fasciculus	55233005	C0228273
SRT	T-A2610	Insula	36169008	C0021640
SRT	T-A7093	Lateral corticospinal tract	461002	C0152402

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-A1650	Lateral ventricle	66720007	C0152279
SRT	T-A0036	Limbic lobe	279215006	C0458337
SRT	T-A5271	Medial Lemniscus	30114003	C0228420
SRT	T-A1110	Meninges	1231004	C0025285
SRT	T-A5100	Midbrain	61962009	C0025462
SRT	T-A0149	Nucleus accumbens	427667007	C0028633
SRT	T-B1200	Neurohypophysis	37512009	C0032009
SRT	T-A2400	Occipital lobe	31065004	C0028785
SRT	T-A800B	Optic chiasm	244453006	C0029126
SRT	T-A2880	Optic radiation	70105001	C0228277
SRT	T-A8060	Optic tract	53238003	C0152405
SRT	T-A2300	Parietal lobe	16630005	C0030560
SRT	T-A1280	Pia mater	23180006	C0031869
SRT	T-B2000	Pineal Gland	45793000	C0031939
SRT	T-B1000	Pituitary	56329008	C0032005
SRT	T-A4904	Posterior cerebral commissure	279336005	C0152327
SRT	T-A3400	Putamen	89278009	C0034169
SRT	T-D0721	Spinal cerebrospinal fluid pathway	280401006	C0459413
SRT	T-A7010	Spinal cord	2748008	C0037925
SRT	T-A7020	Spinal cord gray matter	12958003	C0475853
SRT	T-A7070	Spinal cord white matter	27088001	C0458457
SRT	T-A1500	Subarachnoid space	35951006	C0038527
SRT	T-A5160	Substantia nigra	70007007	C0038590
SRT	T-A6620	Superior cerebellar peduncle	11089000	C0152391
SRT	T-A2820	Superior longitudinal fasciculus	89202009	C0228270
SRT	T-A0103	Telencephalon	11628009	C0039452
SRT	T-A2500	Temporal lobe	78277001	C0039485
SRT	T-D0593	Thalamus	119406000	C0458271
SRT	T-A1740	Third ventricle	49841001	C0149555
SRT	T-A2830	Uncinate fasciculus	26230003	C0228271
SRT	T-A0095	White Matter	389080008	C1300311

CID 7154 Abdominal ~~Organ~~-Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7154. Abdominal ~~Organ~~-Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D4000	Abdomen	113345001	C0000726
SRT	T-D4010	Abdominal cavity	52731004	C0230168

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-14001	Abdominal wall muscle	195879000	C1279385
SRT	T-B3000	Adrenal gland	23451007	C0001625
SRT	T-42500	Abdominal aorta	7832008	C0003484
SRT	T-60610	Bile Duct	28273000	C0005400
SRT	T-48710	Inferior vena cava	64131007	C0042458
SRT	T-71000	Kidney	64033007	C0022646
SRT	T-62000	Liver	10200004	C0023884
SRT	T-D4600	Omentum	27398004	C0028977
SRT	T-D4425	Peritoneal cavity	83670000	C1704247
SRT	T-D4400	Peritoneum	15425007	C0031153
SRT	T-D4900	Retroperitoneal space	82849001	C0035359
SRT	T-02480	Skin of abdomen	75093004	C0222166
SRT	T-58000	Small Intestine	30315005	C0021852
SRT	T-C3000	Spleen	78961009	C0037993
SRT	T-70001	Urinary system	122489005	C1508753

CID 7155 Thoracic ~~Tissue~~-Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7155. Thoracic ~~Tissue~~-Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-40000	Blood Vessel	59820001	C0005847
SRT	T-D0170	Bone of thorax	272710004	C0448157
SRT	T-26000	Bronchus	955009	C0006255
SRT	T-14122	Chest wall muscle	372074006	C1269825
SRT	T-12310	Clavicle	51299004	C0008913
SRT	T-D3400	Diaphragm	5798000	C0011980
SRT	T-56000	Esophagus	32849002	C0014876
SRT	T-28830	Lower lobe of lung	90572001	C0225758
SRT	T-28000	Lung	39607008	C0024109
SRT	T-D3300	Mediastinum	72410000	C0025066
SRT	T-28300	Middle lobe of right lung	72481006	C0225757
SRT	T-29000	Pleura	3120008	C0032225
SRT	T-11300	Rib	113197003	C0035561
SRT	T-02424	Skin of chest	74160004	C0222149
SRT	T-11210	Sternum	56873002	C0038293
SRT	T-11502	Thoracic spine	122495006	C0581269
SRT	T-D3000	Thorax	51185008	C0817096
SRT	T-25000	Trachea	44567001	C0040578

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-C8000	Thymus	9875009	C0040113
SRT	T-28820	Upper lobe of lung	45653009	C0225756

CID 7156 Vascular ~~Tissue~~-Segmentation Types

Type: Extensible
Version: 20160314

Table CID 7156. Vascular ~~Tissue~~-Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-1A190	Adventitia	30180000	C0225342
SRT	T-30000	Cardiovascular system	113257007	C0007226
SRT	T-1A170	Intima	8361002	C0162864
SRT	T-40230	Lumen	91747007	C0524424
SRT	T-1A180	Media	61695000	C0162867
SRT	T-4105E	Systemic artery	281159003	C0459964
SRT	T-48081	Systemic vein	360592004	C0447117
SRT	M-35001	Thrombus	396339007	C0087086
SRT	M-520F8	Vascular sclerosis	107671003	C0003850

CID 7166 Common Tissue Segmentation Types

Type: Extensible
Version: 20160314yyvymdd

Table CID 7166. Common Tissue Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-41000	Artery	51114001	C0003842
SRT	T-60650	Bile	70150004	C0005388
SRT	T-C2000	Blood	87612001	C0005767
SRT	T-40000	Blood vessel	59820001	C0005847
SRT	F-03D38	Body fat	248300009	C0344335
SRT	T-D0070	Body fluid	32457005	C0005889
SRT	T-D016E	Bone	272673000	C0262950
SRT	T-40050	Capillary	20982000	C0006901
SRT	T-D021B	Cartilage	309312004	C0007301
SRT	T-1A200	Connective tissue	21793004	C0009780
SRT	T-59666	Feces	39477002	C0015733
SRT	C-10080	Gas	74947009	C0017110
SRT	T-18010	Ligament	52082005	C0023685
SRT	T-C4000	Lymph node	59441001	C0024204
SRT	T-C6000	Lymphatic system	89890002	C0024235

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-C6010	Lymphatic vessel	83555006	C0229889
SRT	T-15009	Meniscus	74135004	C0224498
SRT	T-13001	Muscle	71616004	C0026845
SRT	T-D0598	Nerve	119410002	C1268169
SRT	T-D0060	Organ	113343008	C0229983
SRT	T-01000	Skin	39937001	C1123023
SRT	T-17010	Tendon	13024002	C0039508
SRT	T-D0050	Tissue	85756007	C0040300
SRT	T-70060	Urine	78014005	C0042036
SRT	T-48000	Vein	29092000	C0042449

Note

Blood and body fat are considered tissues rather than body substances because they are cellular.

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

CID 6040 Non-lesion Object Type

Type: Extensible
Version: ~~20160314~~yyymmdd

Table CID 6040. Non-lesion Object Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<u>Include CID 6040rf1 "Non-lesion Object Type - Physical Objects"</u>				
<u>Include CID 6040rf2 "Non-lesion Object Type - Substances"</u>				
<u>Include CID 6040rf3 "Non-lesion Object Type - Tissues"</u>				
SRT	A-32475	BB shot (Lead Pellet)	102378009	C0522706
SRT	A-32110	Bullet	86122002	C0336699
SRT	A-11101	Cardiac Pacemaker	118378005	C1289799
SRT	A-26800	Catheter	19923001	C0085590
SRT	A-12062	Clip	77720000	C0175722
SRT	A-0110F	Collimator	228761004	C0454169
SRT	A-10042	Compression paddle	129460009	C1268544
SRT	G-B0300	Contrast agent	7440000	G0009924
SRT	A-16016	ID Plate	129467007	C1268548
SRT	A-04010	Implant	40388003	C0021102
SRT	A-1016B	J-Wire	129463006	C1268545
SRT	A-00D7B	Opaque Marker	262301009	C0445402
DCM	111175	Other Marker		
SRT	M-78060	Scar tissue	42402003	G2004494
SRT	A-13600	Staple	56353002	C0524724
SRT	A-13500	Suture	27065002	C0038969

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
DCM	111176	Unspecified		

Note

- ~~This Context Group formerly included SNOMED code J-83250, which has been replaced with A-00D7B. See Annex J.~~
- The use of (111176, DCM, "Unspecified") is explicitly permitted in this context group to allow for the communication of measurements of an object of unknown type using TID 4012 "Mammography CAD Non-lesion".

CID 6040rf1 Non-lesion Object Type - Physical Objects

Type: Extensible
Version: yyyymmdd

Table CID 6040rf1. Non-lesion Object Type - Physical Objects

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<u>SRT</u>	A-32475	<u>BB shot (Lead Pellet)</u>	102378009	C0522706
<u>SRT</u>	A-32110	<u>Bullet</u>	86122002	C0336699
<u>SRT</u>	A-11101	<u>Cardiac Pacemaker</u>	118378005	C1289799
<u>SRT</u>	A-26800	<u>Catheter</u>	19923001	C0085590
<u>SRT</u>	A-12062	<u>Clip</u>	77720000	C0175722
<u>SRT</u>	A-0110F	<u>Collimator</u>	228761004	C0454169
<u>SRT</u>	A-10042	<u>Compression paddle</u>	129460009	C1268544
<u>SRT</u>	A-16016	<u>ID Plate</u>	129467007	C1268548
<u>SRT</u>	A-04010	<u>Implant</u>	40388003	C0021102
<u>SRT</u>	A-1016B	<u>J Wire</u>	129463006	C1268545
<u>SRT</u>	A-00D7B	<u>Opaque Marker</u>	262301009	C0445402
<u>DCM</u>	111175	<u>Other Marker</u>		
<u>SRT</u>	A-13600	<u>Staple</u>	56353002	C0524724
<u>SRT</u>	A-13500	<u>Suture</u>	27065002	C0038969

Note

- This Context Group formerly included SNOMED code J-83250, which has been replaced with A-00D7B. See Annex J.

CID 6040rf2 Non-lesion Object Type - Substances

Type: Extensible
Version: yyyymmdd

Table CID 6040rf2. Non-lesion Object Type - Substances

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<u>SRT</u>	<u>C-B0300</u>	<u>Contrast agent</u>	<u>7140000</u>	<u>C0009924</u>

CID 6040rf3 Non-lesion Object Type - Tissues

Type: Extensible
Version: yyyyymmdd

Table CID 6040rf3. Non-lesion Object Type - Tissues

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	M-78060	Scar tissue	12402003	C2004491

CID 6138 Chest Non-lesion Object Type

Type: Extensible
Version: 20160314yyyyymmdd

Table CID 6138. Chest Non-lesion Object Type

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<i><u>Include CID 6138rf1 "Chest Non-lesion Object Type - Physical Objects"</u></i>				
<i><u>Include CID 6138rf3 "Chest Non-lesion Object Type - Tissues"</u></i>				
SRT	A-32110	Bullet	86122002	C0336699
SRT	A-11100	Cardiac Pacemaker	14106009	C0030163
SRT	A-040CB	Cardiac pacemaker lead	360129009	C1283151
SRT	A-26800	Catheter	19923001	C0085590
DGM	112174	Central line		
SRT	A-12210	Cervical collar	63562005	C0175751
DGM	112173	Chest tube		
DGM	112178	Coil		
SRT	A-25350	Endotracheal tube	26412008	C0336630
SRT	A-26430	Feeding tube	25062003	C2945625
DGM	112171	Fiducial mark		
SRT	A-04110	Heart valve prosthesis	25510005	C0018825
SRT	A-26434	Jejunostomy tube	126065006	C0879216
SRT	A-61000	Jewelry	80919006	C0336902
DGM	112175	Kidney stent		
SRT	A-30360	Needle	79068005	C0027551
DGM	112177	Nipple ring		
DGM	112176	Pancreatic stent		
SRT	A-12024	Pin	77444004	C0175718
DGM	112172	Portacath		
SRT	A-04000	Prosthesis	53350007	C0175649
SRT	M-78060	Scar tissue	12402003	C2004491
SRT	A-13600	Staple	56353002	C0524724
SRT	A-13500	Suture	27065002	C0038969
SRT	P1-26100	Tracheotomy	48387007	C0040590

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-11C08	Ureteric stent	286558002	C0183518
SRT	A-14611	Vena cava filter	257409000	C0080306

Note

The use of (111176, DCM, "Unspecified") was previously included in this context group but was removed since it does not make sense to have Chest CAD detections of an unknown type (was using TID 4015 "CAD Detections Performed" invoked by TID 4100 "Chest CAD Document Root", TID 4102 "Chest CAD Composite Feature" and TID 4104 "Chest CAD Single Image Finding" of an unknown type).

CID 6138rf1 Chest Non-lesion Object Type - Physical Objects

Type: Extensible
Version: yyyymmdd

Table CID 6138rf1. Chest Non-lesion Object Type - Physical Objects

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-32110	Bullet	86122002	C0336699
SRT	A-11100	Cardiac Pacemaker	14106009	C0030163
SRT	A-040CB	Cardiac pacemaker lead	360129009	C1283151
SRT	A-26800	Catheter	19923001	C0085590
DCM	112174	Central line		
SRT	A-12210	Cervical collar	63562005	C0175751
DCM	112173	Chest tube		
DCM	112178	Coin		
SRT	A-25350	Endotracheal tube	26412008	C0336630
SRT	A-26430	Feeding tube	25062003	C2945625
DCM	112171	Fiducial mark		
SRT	A-04110	Heart valve prosthesis	25510005	C0018825
SRT	A-26434	Jejunostomy tube	126065006	C0879216
SRT	A-61000	Jewelry	80919006	C0336902
DCM	112175	Kidney stent		
SRT	A-30360	Needle	79068005	C0027551
DCM	112177	Nipple ring		
DCM	112176	Pancreatic stent		
SRT	A-12024	Pin	77444004	C0175718
DCM	112172	Portacath		
SRT	A-04000	Prosthesis	53350007	C0175649
SRT	A-13600	Staple	56353002	C0524724
SRT	A-13500	Suture	27065002	C0038969
SRT	P1-26100	Tracheotomy	48387007	C0040590
SRT	A-11C08	Ureteric stent	286558002	C0183518
SRT	A-14611	Vena cava filter	257409000	C0080306

CID 6138rf3 Chest Non-lesion Object Type - Tissues

Type: Extensible
Version: yyyyymmdd

Table CID 6138rf3. Chest Non-lesion Object Type - Tissues

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	M-78060	Scar tissue	12402003	C2004491

For reference unchanged DICOM PS3.16:

CID 8 Angiographic Interventional Devices

Type: Extensible
Version: 20160314

Table CID 8. Angiographic Interventional Devices

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-25500	Stent	65818007	C0038257
SRT	A-26800	Catheter	19923001	C0085590
SRT	A-81080	Laser	38586004	C0458142
SRT	C-20005	Glue	57126000	C0017780
SRT	A-25600	Atherectomy device	102312002	C0522642
SRT	A-25614	Embolization ball	102315000	C0522645
SRT	A-26912	Percutaneous transluminal angioplasty balloon	102319006	C0522648
SRT	A-25612	Embolization coil	102314001	C0522644
SRT	A-25612	Gianturco coil	102314001	C0522644
SRT	A-27322	Detachable balloon	102320000	C0522649
SRT	A-26802	Guiding catheter	102317008	C0221799
SRT	A-25616	Embolization particulate	102316004	C0522646
SRT	A-25610	Rotational atherectomy device	102313007	C0522643
SRT	A-10141	Measuring ruler	102304005	C0522637
DCM	122485	Sphere		

CID 3010 Cardiovascular Anatomic Locations

Type: Extensible
Version: 20160314

Table CID 3010. Cardiovascular Anatomic Locations

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-42500	Abdominal aorta	7832008	C0003484
SRT	T-48503	Anomalous pulmonary vein	128585006	C0265914

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-49215	Antecubital vein	128553008	C1276271
SRT	T-48440	Anterior cardiac vein	43967001	C0226661
SRT	T-45530	Anterior communicating artery	8012006	C0149562
SRT	T-45730	Anterior spinal artery	17388009	C0149603
SRT	T-47700	Anterior tibial artery	68053000	C0085816
SRT	T-42000	Aorta	15825003	C0003483
SRT	T-42300	Aortic arch	57034009	C0003489
SRT	D3-81922	Aortic fistula	128551005	C1290392
SRT	T-32602	Apex of left ventricle	128564006	C0580781
SRT	T-32502	Apex of right ventricle	128565007	C0445242
SRT	T-41000	Artery	51114001	C0003842
SRT	T-42100	Ascending aorta	54247002	C0003956
SRT	T-47100	Axillary Artery	67937003	C0004455
SRT	T-49110	Axillary vein	68705008	C0004456
SRT	T-48340	Azygos vein	72107004	C0004526
SRT	A-00203	Baffle	128981007	C1289790
SRT	T-45800	Basilar artery	59011009	C0004811
SRT	T-D00AB	Body conduit	91830000	C1735317
SRT	T-49424	Boyd's perforating vein	128548003	C1267522
SRT	T-47160	Brachial artery	17137000	C0006087
SRT	T-49350	Brachial vein	20115005	C0226812
SRT	T-45010	Carotid Artery	69105007	C0007272
SRT	T-49240	Cephalic vein	20699002	C0226802
SRT	T-45510	Cerebral artery	88556005	C0007770
SRT	D4-31005	Common atrium	253276007	C0392482
SRT	T-45100	Common carotid artery	32062004	C0162859
SRT	T-46710	Common iliac artery	73634005	C1261084
SRT	T-48920	Common iliac vein	46027005	C0226758
SRT	D4-31120	Common ventricle	45503006	C0152424
SRT	D4-32504	Congenital coronary artery fistula to left atrium	128555001	C1290487
SRT	D4-32506	Congenital coronary artery fistula to left ventricle	128556000	C1290488
SRT	D4-32509	Congenital coronary artery fistula to right atrium	128557009	C1290489
SRT	D4-32510	Congenital coronary artery fistula to right ventricle	128558004	C1290490
SRT	D3-40208	Congenital pulmonary arteriovenous fistula	111289009	C0155675
SRT	T-43000	Coronary artery	41801008	C0205042
SRT	T-48410	Coronary sinus	90219004	C0456944
SRT	T-42400	Descending aorta	32672002	C3163626

	Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
1					
2					
3	SRT	T-49429	Dodd's perforating vein	128554002	C1267525
4	SRT	T-45200	External carotid artery	22286001	C0007275
5	SRT	T-46910	External iliac artery	113269004	C0226398
6	SRT	T-48930	External iliac vein	63507001	C0226761
7	SRT	T-45240	Facial artery	23074001	C0226109
8	SRT	T-47400	Femoral artery	7657000	C0015801
9	SRT	T-49410	Femoral vein	83419000	C0015809
10	SRT	T-48820	Gastric vein	110568007	C0750610
11	SRT	T-47490	Genicular artery	128559007	C0447108
12	SRT	T-48420	Great cardiac vein	5928000	C0226659
13	SRT	T-46420	Hepatic artery	76015000	C0019145
14	SRT	T-48720	Hepatic vein	8993003	C0019155
15	SRT	T-4942A	Hunterian perforating vein	128560002	C1267526
16	SRT	T-46700	Iliac artery	10293006	C0020887
17	SRT	T-48470	Inferior cardiac vein	60477001	C1267462
18	SRT	T-48540	Inferior left pulmonary vein	51249003	C0226686
19	SRT	T-46520	Inferior mesenteric artery	33795007	C0162860
20	SRT	T-48520	Inferior right pulmonary vein	113273001	C0226676
21	SRT	T-48710	Inferior vena cava	64131007	C0042458
22	SRT	T-46010	Innominate artery	12691009	C0006094
23	SRT	T-48620	Innominate vein	8887007	C0006095
24	SRT	T-45300	Internal carotid artery	86117002	C0007276
25	SRT	T-48170	Internal jugular vein	12123001	C0226550
26	SRT	T-46740	Internal iliac artery	90024005	C0226364
27	SRT	T-46200	Internal mammary artery	69327007	C0226276
28	SRT	D4-31052	Juxtaposed atrial appendage	128563000	C1290478
29	SRT	T-45410	Lacrimal artery	59749000	C0226171
30	SRT	T-45416	Lacrimal artery of right eye	128979005	C0923299
31	SRT	T-32300	Left atrium	82471001	C0225860
32	SRT	T-32310	Left auricular appendage	33626005	C0225861
33	SRT	T-47420	Left femoral artery	113270003	C0226448
34	SRT	T-44400	Left pulmonary artery	50408007	C0226069
35	SRT	T-32600	Left ventricle	87878005	C0225897
36	SRT	T-32640	Left ventricle inflow	70238003	C0225911
37	SRT	D4-31022	Left ventricle outflow chamber	128570000	C1290476
38	SRT	T-32650	Left ventricle outflow tract	13418002	C0225912
39	SRT	T-45230	Lingual artery	113264009	C0226104
40	SRT	T-46960	Lumbar artery	34635009	C0226408
41	SRT	T-46500	Mesenteric artery	86570000	C0025465
42	SRT	T-4884A	Mesenteric vein	128583004	C0025473
43	SRT	T-45250	Occipital artery	31145008	C0226117

	Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
1					
2					
3	SRT	T-48214	Occipital vein	32114007	C0226579
4	SRT	T-45400	Ophthalmic artery	53549008	C0029078
5	SRT	D4-32012	Patent ductus arteriosus	83330001	C0013274
6	SRT	T-47630	Peroneal artery	8821006	C0226476
7	SRT	T-47500	Popliteal artery	43899006	C0032649
8	SRT	T-48810	Portal vein	32764006	C0032718
9	SRT	T-45320	Posterior communication artery	43119007	C0149559
10	SRT	T-49535	Posterior medial tributary	128569001	C1267527
11	SRT	T-47600	Posterior tibial artery	13363002	C0086835
12	SRT	T-F7001	Primitive aorta	14944004	C0231136
13	SRT	T-F7040	Primitive pulmonary artery	91707000	C0231157
14	SRT	T-44000	Pulmonary artery	81040000	C0034052
15	SRT	D4-33142	Pulmonary artery conduit	128584005	C1290491
16	SRT	T-32190	Pulmonary chamber of cor triatriatum	128586007	C1267246
17					
18	SRT	T-48581	Pulmonary vein	122972007	C0034090
19	SRT	D4-33512	Pulmonary vein confluence	128566008	C1290492
20	SRT	D4-33514	Pulmonary venous atrium	128567004	C1290493
21	SRT	T-47300	Radial artery	45631007	C0162857
22	SRT	T-46600	Renal artery	2841007	C0035065
23	SRT	T-48740	Renal vein	56400007	C0035092
24	SRT	T-32200	Right atrium	73829009	C0225844
25	SRT	T-32210	Right auricular appendage	68300000	C0225845
26	SRT	T-47410	Right femoral artery	69833005	C0226447
27	SRT	T-44200	Right pulmonary artery	78480002	C0226054
28	SRT	T-32500	Right ventricle	53085002	C0225883
29	SRT	T-32540	Right ventricle inflow	8017000	C0225891
30	SRT	D4-31032	Right ventricle outflow chamber	128572008	C1290477
31	SRT	T-32550	Right ventricle outflow tract	44627009	C0225892
32	SRT	T-D930A	Saphenofemoral junction	128587003	C0447132
33	SRT	T-49530	Saphenous vein	60734001	C0036186
34	SRT	T-46460	Splenic artery	22083002	C0037996
35	SRT	T-48890	Splenic vein	35819009	C0038001
36	SRT	T-46100	Subclavian artery	36765005	C0038530
37	SRT	T-48330	Subclavian vein	9454009	C0038532
38	SRT	T-45270	Superficial temporal artery	15672000	C0226130
39	SRT	T-48530	Superior left pulmonary vein	43863001	C0226682
40	SRT	T-46510	Superior mesenteric artery	42258001	C0162861
41	SRT	T-48510	Superior right pulmonary vein	8629005	C0226671
42	SRT	T-45210	Superior thyroid artery	72021004	C0226093
43	SRT	T-48610	Superior vena cava	48345005	C0042459

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-44007	Systemic collateral artery to lung	128589000	C0345096
SRT	D4-33516	Systemic venous atrium	128568009	C1290494
SRT	T-42070	Thoracic aorta	113262008	C1522460
SRT	D4-31400	Truncus arteriosus communis	61959006	C0041207
SRT	T-46400	Truncus coeliacus	57850000	C0007569
SRT	T-47200	Ulnar artery	44984001	C0162858
SRT	T-F1810	Umbilical artery	50536004	C0041632
SRT	T-48817	Umbilical vein	61660003	C1267489
SRT	T-48000	Vein	29092000	C0042449
SRT	T-48003	Venous network	34340008	C0226503
SRT	T-45700	Vertebral artery	85234005	C0042559

CID 3014 Coronary Artery Segments

Type: Extensible
Version: 20130403

Table CID 3014. Coronary Artery Segments

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Equivalent BARI Code
SRT	T-43117	1st Diagonal Coronary Artery	91750005	C0524430	15
SRT	T-4312B	1st Left Posterolateral Coronary Artery	91757008	C0524437	24
SRT	T-43128	1st Marginal Coronary Artery	91754001	C0524434	20
SRT	T-43213	1st Right posterolateral Coronary Artery	91761002	C0524441	6
SRT	T-43002	1st Septal Coronary Artery	244251006	C0447058	17
SRT	T-43118	2nd Diagonal Coronary Artery	91751009	C0524431	16
SRT	T-4312C	2nd Left Posterolateral Coronary Artery	91758003	C0524438	25
SRT	T-43129	2nd Marginal Coronary Artery	91755000	C0524435	21
SRT	T-43214	2nd Right posterolateral Coronary Artery	91762009	C0524442	7
SRT	T-43119	3rd diagonal Coronary Artery	91752002	C0524432	29
SRT	T-4312D	3rd Left Posterolateral Coronary Artery	91759006	C0524439	26
SRT	T-4312A	3rd Marginal Coronary Artery	91756004	C0524436	22
SRT	T-43215	3rd Right posterolateral Coronary Artery	91763004	C0524443	8
SRT	T-43230	Marginal Coronary Artery	22765000	C0226050	10
SRT	T-43124	AV groove continuation of Circumflex Artery	75902001	C0226041	23
SRT	T-43122	Distal Circumflex Coronary Artery	6511003	C0226039	19A
SRT	T-43112	Distal Left Anterior Descending Coronary Artery	36672000	C0226034	14

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID	Equivalent BARI Code
SRT	T-43202	Distal Right Coronary Artery	41879009	C0226044	3
BARI	15A	1st Diagonal Coronary Artery Laterals			15A
BARI	20A	1st Marginal Coronary Artery Laterals			20A
BARI	16A	2nd Diagonal Coronary Artery Laterals			16A
BARI	21A	2nd Marginal Coronary Artery Laterals			21A
BARI	29A	3rd Diagonal Coronary Artery Laterals			29A
BARI	22A	3rd Marginal Coronary Artery Laterals			22A
BARI	28A	Ramus Laterals			28A
SRT	T-43107	Left Main Coronary Artery	3227004	C0226031	11
SRT	T-43105	Left Main Coronary Artery Ostium	76862008	C0226030	11A
SRT	T-43126	Left Posterior Descending Artery	56322004	C0278433	27
SRT	T-43127	Mid Circumflex Coronary Artery	91753007	C0524433	19
SRT	T-43115	Mid Left Anterior Descending Coronary Artery	91748002	C0524428	13
SRT	T-D6515	Mid Right Coronary Artery	450960006	C3472627	2
SRT	T-43210	Posterior Descending Right Coronary Artery	53655008	C0226047	4
BARI	9	Posterior descending septal perforators			9
SRT	T-43121	Proximal Circumflex Coronary Artery	52433000	C0226038	18
SRT	T-43111	Proximal Left Anterior Descending Coronary Artery	68787002	C0226033	12
SRT	T-43201	Proximal Right Coronary Artery	91083009	C0226043	1
SRT	T-43003	Intermediate Artery (Ramus)	244252004	C0447059	28
SRT	T-43205	Right Coronary Artery Ostium	56789007	C0226045	1A
SRT	T-43212	Right posterior AV Coronary Artery	12800002	C0226048	5

Note

In prior editions, this Context Group included BARI [1992] codes as the primary set. These have been replaced with equivalent SNOMED codes for the major artery segments (see PS3.16-2011).

CID 3015 Coronary Arteries

Type: Non-Extensible
Version: 20130403

Table CID 3015. Coronary Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<i>Include CID 3014 "Coronary Artery Segments"</i>				
SRT	T-43110	Left Anterior Descending Coronary Artery	59438005	C0226032
SRT	T-43200	Right Coronary Artery	13647002	C1261316
SRT	T-43120	Circumflex Coronary Artery	57396003	C0226037

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-43125	Left Posterolateral Circumflex Coronary Artery	57823005	C0278432
SRT	T-4312E	Left Posterior Descending Circumflex Coronary Artery	91760001	C0524440
SRT	T-41065	Coronary Artery Graft	264293000	C0440761

CID 3016 Major Coronary Arteries

Type: Non-Extensible
Version: 20110818

Table CID 3016. Major Coronary Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-43110	Left Anterior Descending Coronary Artery	59438005	C0226032
SRT	T-43200	Right Coronary Artery	13647002	C1261316
SRT	T-43120	Circumflex Coronary Artery	57396003	C0226037
SRT	T-43107	Left Main Coronary Artery	3227004	C0226031

CID 3827 Vessel Segments

Type: Extensible
Version: 20051103

Table CID 3827. Vessel Segments

Coding Scheme Designator	Code Value	Code Meaning
		<i>Include CID 12105 "Intracranial Cerebral Vessels"</i>
		<i>Include CID 12106 "Intracranial Cerebral Vessels (Unilateral)"</i>
		<i>Include CID 12104 "Extracranial Arteries"</i>
		<i>Include CID 12109 "Lower Extremity Arteries"</i>
		<i>Include CID 12110 "Lower Extremity Veins"</i>
		<i>Include CID 12107 "Upper Extremity Arteries"</i>
		<i>Include CID 12108 "Upper Extremity Veins"</i>
		<i>Include CID 12115 "Renal Vessels"</i>
		<i>Include CID 12111 "Abdominal Arteries (Lateral)"</i>
		<i>Include CID 12112 "Abdominal Arteries (Unilateral)"</i>
		<i>Include CID 12113 "Abdominal Veins (Lateral)"</i>
		<i>Include CID 12114 "Abdominal Veins (Unilateral)"</i>
		<i>Include CID 3015 "Coronary Arteries"</i>
		<i>Include CID 3839 "Coronary Veins"</i>
		<i>Include CID 3840 "Pulmonary Veins"</i>

CID 3829 Pulmonary Arteries

Type: Extensible
Version: 20110818

Table CID 3829. Pulmonary Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-44100	Trunk of pulmonary artery	45341000	C0034052
SRT	T-44010	Suprapulmonic valve area	79142001	C0226052
SRT	T-35250	pulmonary valve sinuses	90315007	C0225946
SRT	T-44400	Left pulmonary artery	50408007	C0226069
SRT	T-44200	Right pulmonary artery	78480002	C0226054

Note

A previous version of this context group used terms with the SNOMED concept "entire" (see PS3.16-2011). The use of "structure" concepts rather than "entire" is described in Section 8.1.1.

CID 3839 Coronary Veins

Type: Extensible
Version: 20110818

Table CID 3839. Coronary Veins

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-48340	Azygos Vein	72107004	C0004526
SRT	T-48410	Coronary Sinus	90219004	C0456944
SRT	T-48420	Great Cardiac Vein	5928000	C0226659
SRT	T-48435	Small Cardiac Vein	49082002	C0226661
SRT	T-48403	Anterior Cardiac Vein	194996006	C0226662
SRT	T-48406	Atrial Vein	195164009	C0226666
SRT	T-48407	Atrioventricular Vein	195496005	C0226668
SRT	T-48430	Middle Cardiac Vein	73580002	C0226660
SRT	T-48404	Ventricular Vein	195328002	C0226667
SRT	T-48405	Smallest Cardiac Vein	195073003	C1279372

Note

A previous version of this context group used terms with the SNOMED concept "entire" (see PS3.16-2011). The use of "structure" concepts rather than "entire" is described in Section 8.1.1.

CID 3840 Pulmonary Veins

Type: Extensible
Version: 20110818

Table CID 3840. Pulmonary Veins

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-4858F	Pulmonary Vein	430757002	C2317442
SRT	T-48502	Left Pulmonary Vein	27706005	C0226670
SRT	T-48540	Inferior Left Pulmonary Vein	51249003	C0226686
SRT	T-48530	Superior Left Pulmonary Vein	43863001	C0226682
SRT	T-48501	Right Pulmonary Vein	91539005	C0226669
SRT	T-48520	Inferior Right Pulmonary Vein	113273001	C0226676
SRT	T-48510	Superior Right Pulmonary Vein	8629005	C0226671

Note

A previous version of this context group used terms with the SNOMED concept "entire" (see PS3.16-2011). The use of "structure" concepts rather than "entire" is described in Section 8.1.1.

CID 4028 Craniofacial Anatomic Regions

Type: Extensible
Version: 20130617

Table CID 4028. Craniofacial Anatomic Regions

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D006D	Bone structure of head and/or neck	312779009	C0730130
SRT	T-11501	Cervical spine	122494005	C0728985
SRT	T-11156	Ethmoid bone	52374004	C0015027
SRT	T-AB100	External ear	28347008	C0013453
SRT	T-AA770	Eyeball	79652003	C0229242
SRT	T-D0801	Eye region	371398005	C0015392
SRT	T-11196	Facial bones	91397008	C0015455
SRT	T-11110	Frontal bone	74872008	C0016732
SRT	T-D1100	Head	69536005	C0018670
SRT	T-D1000	Head and Neck	774007	C0460004
SRT	T-11190	Hyoid bone	21387005	C0020417
SRT	T-AB700	Inner ear	22945000	C0022889
SRT	T-AB959	Internal Auditory Canal	361078006	C1283773
SRT	T-D1213	Jaw region	661005	C0022359
SRT	T-1115A	Lacrimal bone	6229007	C0222733
SRT	T-24100	Larynx	4596009	C0023078
SRT	T-52000	Lip	48477009	C0023759
SRT	T-11180	Mandible	91609006	C0024687
SRT	T-11133	Mastoid bone	59066005	C0446908
SRT	T-11170	Maxilla	70925003	C0024947
SRT	T-AB300	Middle ear	25342003	C0013455

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-13100	Muscle of head	22688005	C0224097
SRT	T-13300	Muscle of neck	81727001	C0027532
SRT	T-11149	Nasal bone	74386004	C0027422
SRT	T-D1600	Neck	45048000	C0027530
SRT	T-11102	Optic canal	55024004	C0450102
SRT	T-D14AE	Orbital structure	363654007	C0029180
SRT	T-11160	Palatine bone	51283005	C0222734
SRT	T-22000	Paranasal sinus	2095001	C0030471
SRT	T-11120	Parietal bone	24924006	C0030558
SRT	T-61007	Salivary gland	385294005	C0036098
SRT	T-11100	Skull	89546000	C0037303
SRT	T-51120	Soft palate	49460000	C0030219
SRT	T-11150	Sphenoid bone	73117003	C0037884
SRT	T-61300	Submandibular gland	54019009	C0038556
SRT	T-11130	Temporal bone	60911003	C0039484
SRT	T-15290	Temporomandibular joint	53620006	C0039493
SRT	T-53000	Tongue	21974007	C0040408
SRT	T-54010	Tooth	38199008	C0040426
SRT	T-25000	Trachea	44567001	C0040578
SRT	T-11011	Vertebral column and cranium	110517009	C1266914
SRT	T-11166	Zygoma	13881006	C0043539

CID 4030 CT, MR and PET Anatomy Imaged

Type: Extensible
Version: 20160314

Table CID 4030. CT, MR and PET Anatomy Imaged

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<i>Include CID 4031 "Common Anatomic Regions"</i>				
SRT	T-42500	Abdominal aorta	7832008	C0003484
SRT	T-B3000	Adrenal gland	23451007	C0001625
SRT	T-42300	Aortic arch	57034009	C0003489
SRT	T-A0100	Brain	12738006	C0006104
SRT	T-45010	Carotid Artery	69105007	C0007272
SRT	T-A6000	Cerebellum	113305005	C0007765
SRT	T-45526	Circle of Willis	362047009	C1284333
SRT	T-43000	Coronary artery	41801008	C0205042
SRT	T-A0193	Cranial venous system	244391007	C1280180
SRT	T-41068	Iliac and/or femoral artery	299716001	C0576469
SRT	T-71000	Kidney	64033007	C0022646

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-62000	Liver	10200004	C0023884
SRT	T-65000	Pancreas	15776009	C0030274
SRT	T-B7000	Parathyroid	111002	C0030518
SRT	T-44000	Pulmonary artery	81040000	C0034052
SRT	T-46600	Renal artery	2841007	C0035065
SRT	T-C3000	Spleen	78961009	C0037993
SRT	T-94000	Testis	40689003	C0039597
SRT	T-42070	Thoracic aorta	113262008	C1522460
SRT	T-C8000	Thymus	9875009	C0040113
SRT	T-B6000	Thyroid	69748006	C0040132
SRT	T-83000	Uterus	35039007	C0042149

CID 4031 Common Anatomic Regions

Type: Extensible
Version: 20160314

Table CID 4031. Common Anatomic Regions

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D4000	Abdomen	113345001	C0000726
SRT	R-FAB57	Abdomen and Pelvis	416949008	C1508499
SRT	T-15420	Acromioclavicular joint	85856004	C0001208
SRT	T-15750	Ankle joint	70258002	C0003087
SRT	T-59900	Anus	53505006	C0003461
SRT	T-280A0	Apex of Lung	86598002	C0225703
SRT	T-60610	Bile duct	28273000	C0005400
SRT	T-74000	Bladder	89837001	C0005682
SRT	T-12700	Bone of lower limb	72001000	C0448188
SRT	T-D0821	Bone of upper limb	371195002	C0003793
SRT	T-04000	Breast	76752008	C0006141
SRT	T-26000	Bronchus	955009	C0006255
SRT	T-12770	Calcaneus	80144004	C0006655
SRT	T-11501	Cervical spine	122494005	C0728985
SRT	T-D00F7	Cervico-thoracic spine	297171002	C0729373
SRT	T-D3000	Chest	51185008	C0817096
SRT	R-FAB55	Chest and Abdomen	416550000	C1442171
SRT	R-FAB56	Chest, Abdomen and Pelvis	416775004	C1562547
SRT	T-12310	Clavicle	51299004	C0008913
SRT	T-11BF0	Coccyx	64688005	C0009194
SRT	T-59300	Colon	71854001	C0009368
SRT	T-58200	Duodenum	38848004	C0013303

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-15430	Elbow joint	16953009	C0013770
SRT	T-D0010	Entire body	38266002	C0229960
SRT	T-56000	Esophagus	32849002	C0014876
SRT	T-DD163	Esophagus, stomach and duodenum	110861005	C1268410
SRT	T-D0300	Extremity	66019005	C0015385
SRT	T-AA000	Eye	81745001	C0015392
SRT	T-D0801	Eye region	371398005	C0700042
SRT	T-11196	Facial bones	91397008	C0015455
SRT	T-12710	Femur	71341001	C0015811
SRT	T-12750	Fibula	87342007	C0016068
SRT	T-D8800	Finger	7569003	C0016129
SRT	T-D9700	Foot	56459004	C0016504
SRT	T-D8500	Forearm	14975008	C0016536
SRT	T-63000	Gallbladder	28231008	C0016976
SRT	T-D8700	Hand	85562004	C0018563
SRT	T-D1100	Head	69536005	C0018670
SRT	T-D1000	Head and Neck	774007	C0460004
SRT	T-32000	Heart	80891009	C0018787
SRT	T-15710	Hip joint	29836001	C0019558
SRT	T-12410	Humerus	85050009	C0020164
SRT	T-58600	Ileum	34516001	C0020885
SRT	T-12340	Ilium	22356005	C0020889
SRT	T-AB959	Internal Auditory Canal	361078006	C1283773
SRT	T-D1213	Jaw region	661005	C0022359
SRT	T-58400	Jejunum	21306003	C0022378
SRT	T-D9200	Knee	72696002	C1456798
SRT	T-59000	Large intestine	14742008	C0021851
SRT	T-24100	Larynx	4596009	C0023078
SRT	T-D9400	Lower leg	30021000	C1140621
SRT	T-D9000	Lower limb	61685007	C0023216
SRT	T-11503	Lumbar spine	122496007	C0024091
SRT	T-D00F9	Lumbo-sacral spine	297173004	C0574025
SRT	T-11180	Mandible	91609006	C0024687
SRT	T-11133	Mastoid bone	59066005	C0446908
SRT	T-11170	Maxilla	70925003	C0024947
SRT	T-D3300	Mediastinum	72410000	C0025066
SRT	T-14668	Muscle of lower limb	102292000	C0584890
SRT	T-13600	Muscle of upper limb	30608006	C0559498
SRT	T-11149	Nasal bone	74386004	C0027422
SRT	T-D1600	Neck	45048000	C0027530

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	R-FAB52	Neck and Chest	417437006	C1562459
SRT	R-FAB53	Neck, Chest and Abdomen	416152001	C1562378
SRT	R-FAB54	Neck, Chest, Abdomen and Pelvis	416319003	C1562776
SRT	T-11102	Optic canal	55024004	C0450102
SRT	T-D14AE	Orbital structure	363654007	C0029180
SRT	T-65600	Pancreatic duct and bile duct systems	110621006	C1267614
SRT	T-22000	Paranasal sinus	2095001	C0030471
SRT	T-61100	Parotid gland	45289007	C0030580
SRT	T-12730	Patella	64234005	C0030647
SRT	T-D6000	Pelvis	12921003	C0030797
SRT	R-FAB58	Pelvis and lower extremities	416631005	C1562943
DCM	113681	Phantom		C0282611
SRT	T-9200B	Prostate	181422007	C1278980
SRT	T-59600	Rectum	34402009	C0034896
SRT	T-11300	Rib	113197003	C0035561
SRT	T-15680	Sacroiliac joint	39723000	C0036036
SRT	T-11AD0	Sacrum	54735007	C0036037
SRT	T-12280	Scapula	79601000	C0036277
SRT	T-D1460	Sella turcica	42575006	C0036609
SRT	T-12980	Sesamoid bones of foot	58742003	C0278418
SRT	T-D2220	Shoulder	16982005	C0037004
SRT	T-11100	Skull	89546000	C0037303
SRT	T-58000	Small intestine	30315005	C0021852
SRT	T-D04FF	Spine	421060004	C0037949
SRT	T-15610	Sternoclavicular joint	7844006	C0038291
SRT	T-11210	Sternum	56873002	C0038293
SRT	T-57000	Stomach	69695003	C0038351
SRT	T-61300	Submandibular gland	54019009	C0038556
SRT	T-15770	Tarsal joint	27949001	C0039318
SRT	T-15290	Temporomandibular joint	53620006	C0039493
SRT	T-D9100	Thigh	68367000	C0039866
SRT	T-11502	Thoracic spine	122495006	C0581269
SRT	T-D00F8	Thoraco-lumbar spine	297172009	C0729374
SRT	T-D8810	Thumb	76505004	C0040067
SRT	T-D9800	Toe	29707007	C0040357
SRT	T-25000	Trachea	44567001	C0040578
SRT	T-D8200	Upper arm	40983000	C0446516
SRT	T-D8000	Upper limb	53120007	C0016555
SRT	T-7000B	Upper urinary tract	431491007	C2317509

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-73000	Ureter	87953007	C0041951
SRT	T-75000	Urethra	13648007	C0041967
SRT	T-88920	Uterus and fallopian tubes	110639002	C1267676
SRT	T-11011	Vertebral column and cranium	110517009	C1266914
SRT	T-15460	Wrist joint	74670003	C1322271
SRT	T-11166	Zygoma	13881006	C0043539

Note

1. In a prior version of this table, the code T-D1217 was specified for the concept "Maxilla and mandible". The use of this code conflicts with its assignment to another concept in SNOMED, and its use in this context is deprecated. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex J.
2. In a prior version of this table, the code T-D8300 was used for T-15430, T-12402 for T-D8500, T-15710 for T-D2500, T-73800 for T-73000, and T-11167 for T-11166. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex J.

CID 4040 Endoscopy Anatomic Regions

Type: Extensible
Version: 20160314

Table CID 4040. Endoscopy Anatomic Regions

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D4000	Abdomen	113345001	C0000726
SRT	T-59490	Anus, rectum and sigmoid colon	110612005	C1267595
SRT	T-60610	Bile duct	28273000	C0005400
SRT	T-74000	Bladder	89837001	C0005682
SRT	T-DD123	Bladder and urethra	110837003	C1268386
SRT	T-26000	Bronchus	955009	C0006255
SRT	T-83200	Cervix	71252005	C0007874
SRT	T-D3000	Chest	51185008	C0817096
SRT	T-DD163	Esophagus, stomach and duodenum	110861005	C1268410
SRT	T-AB200	External auditory canal	84301002	C0013444
SRT	T-63000	Gallbladder	28231008	C0016976
SRT	T-D7000	Inguinal region	26893007	C0018246
SRT	T-15001	Joint	39352004	C0022417
SRT	T-71000	Kidney	64033007	C0022646
SRT	T-D9200	Knee	72696002	C1456798
SRT	T-59000	Large intestine	14742008	C0021851
SRT	T-24100	Larynx	4596009	C0023078
SRT	T-40230	Lumen of blood vessel	91747007	C0524424

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-D3300	Mediastinum	72410000	C0025066
SRT	T-2300C	Nasopharynx	360955006	C1283682
SRT	T-22000	Paranasal sinus	2095001	C0030471
SRT	T-55000	Pharynx	54066008	C0031354
SRT	T-20101	Pharynx and larynx	312535008	C0729889
SRT	T-59600	Rectum	34402009	C0034896
SRT	T-D2220	Shoulder	16982005	C0037004
SRT	T-59470	Sigmoid colon	60184004	C0227391
SRT	T-D04FF	Spine	421060004	C0037949
SRT	T-DD006	Trachea and bronchus	110726009	C1268276
SRT	T-7000B	Upper urinary tract	431491007	C2317509
SRT	T-73000	Ureter	87953007	C0041951
SRT	T-88920	Uterus and fallopian tubes	110639002	C1267676

Note

1. See Annex I for examples of the relationship between anatomic regions and type of endoscopy performed.
2. In a prior version of this table, the code T-55002 was used for T-55000, and T-73800 for T-73000. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex J.

CID 6109 Radiographic Anatomy Finding or Feature**Note**

Original source of terms is [Fraser and Pare].

Type: Extensible
Version: 20030108

Table CID 6109. Radiographic Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning
<i>Include CID 6110 "Lung Anatomy Finding or Feature"</i>		
<i>Include CID 6111 "Bronchovascular Anatomy Finding or Feature"</i>		
<i>Include CID 6112 "Pleura Anatomy Finding or Feature"</i>		
<i>Include CID 6113 "Mediastinum Anatomy Finding or Feature"</i>		
<i>Include CID 6114 "Osseous Anatomy Finding or Feature"</i>		
<i>Include CID 6116 "Muscular Anatomy"</i>		
<i>Include CID 6117 "Vascular Anatomy"</i>		
DCM	112082	Interface
DCM	112083	Line
DCM	112084	Lucency

CID 6110 Lung Anatomy Finding or Feature

Note

Original source of terms is [Fraser and Pare].

Type: Extensible
Version: 20030108

Table CID 6110. Lung Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-28770	Lobe of lung	31094006	C0225752
DCM	112085	Midlung window		
DCM	112054	Secondary pulmonary lobule		
SRT	T-280D0	Segment of lung	72674008	C0225705

CID 6111 Bronchovascular Anatomy Finding or Feature

Note

Original source of terms is [Fraser and Pare].

Type: Extensible
Version: 20030108

Table CID 6111. Bronchovascular Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-20001	Airway structure	89187006	C0458827
SRT	T-26000	Bronchus	955009	C0006255
SRT	T-25201	Carina	28700002	C0225594
DCM	112086	Carina angle		
DCM	112087	Centrilobular structures		
SRT	T-28080	Hilum of lung	46750007	C0225701

CID 6112 Pleura Anatomy Finding or Feature

Note

Original source of terms is [Fraser and Pare].

Type: Extensible
Version: 20030108

Table CID 6112. Pleura Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
DCM	112088	Anterior junction line		
SRT	T-D051D	Fissure of lung	278983006	C0458078
DCM	112089	Posterior junction line		

CID 6113 Mediastinum Anatomy Finding or Feature

Note

Original source of terms is [Fraser and Pare].

Type: Extensible
Version: 20130617

Table CID 6113. Mediastinum Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-15420	Acromioclavicular Joint	85856004	C0001208
SRT	T-35400	Aortic Valve	34202007	C0003501
SRT	D4-31220	Atrial Septal Defect	70142008	C0018817
SRT	T-32100	Atrium	59652004	C0018792
SRT	T-18774	Axillary Fascia	368536000	C0225236
DCM	112090	Azygoesophageal recess interface		
SRT	T-25201	Carina	28700002	C0225594
SRT	T-B4000	Carotid Body	51345006	C0007277
SRT	T-11240	Costal Cartilage	50016007	C0222787
SRT	T-D3412	Esophageal Hiatus	280062008	C0230160
SRT	T-56000	Esophagus	32849002	C0014876
SRT	T-D0634	Fascial layer	120576005	C1268198
SRT	T-32000	Heart	80891009	C0018787
DCM	112095	Hiatus		
SRT	T-26500	Left main bronchus	75245000	C0225630
SRT	T-42370	Ligamentum arteriosum	2160002	C0226023
SRT	T-C4000	Lymph node	59441001	C0024204
SRT	T-35300	Mitral Valve	91134007	C0026264
DCM	112091	Paraspinal line		
DCM	112092	Posterior tracheal stripe		
SRT	T-35200	Pulmonary valve	39057004	C0034086
SRT	T-26100	Right main bronchus	70074004	C0225608
DCM	112093	Right tracheal stripe		
DCM	112094	Stripe		
SRT	T-C6510	Thoracic Duct	1732005	C0039979
SRT	T-C8000	Thymus Gland	9875009	C0040113
SRT	T-B6000	Thyroid	69748006	C0040132
SRT	T-25000	Trachea	44567001	C0040578
SRT	T-14171	Trapezius muscle	31764008	C0224361
SRT	T-35100	Tricuspid Valve	46030003	C0040960
SRT	T-32400	Ventricle	21814001	C0018827

CID 6114 Osseous Anatomy Finding or Feature

Type: Extensible
Version: 20030108

Table CID 6114. Osseous Anatomy Finding or Feature

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-12310	Clavicle	51299004	C0008913
SRT	T-12410	Humerus	85050009	C0020164
SRT	T-11300	Rib	113197003	C0035561
SRT	T-12280	Scapula	79601000	C0036277
SRT	T-11500	Spine	44300000	C1267072
SRT	T-11210	Sternum	56873002	C0038293
SRT	T-11510	Vertebra	51282000	C0549207

CID 6115 Osseous Anatomy Modifiers

Type: Extensible
Version: 20160314

Table CID 6115. Osseous Anatomy Modifiers

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-12281	Acromion process of scapula	31934006	C0001209
SRT	T-11307	Angle of rib	14510004	C0222812
SRT	T-11511	Arch of vertebra	40265002	C0223076
SRT	T-11220	Body of sternum	52509009	C0222771
SRT	T-11219	Clavicular notch of sternum	75319007	C0222770
SRT	T-12282	Coracoid process of scapula	8931003	C0223626
SRT	T-11308	Costal groove	17399006	C0222813
SRT	T-12287	Dorsal aspect of scapula	51698000	C0223631
SRT	T-1228A	Glenoid cavity of scapula	46385009	C1261046
SRT	T-11301	Head of rib	12872006	C0222806
SRT	T-116EF	Inferior articular facet of axis	181901007	C0223115
SRT	T-1153F	Inferior articular process of vertebra	317766009	C0223083
SRT	T-11514	Lamina of vertebra	89340005	C0223079
SRT	T-11211	Manubrium of sternum	37285002	C0024764
SRT	T-11303	Neck of rib	72184008	C0222808
SRT	T-12200	Pectoral girdle	26444007	C0427245
SRT	T-11515	Pedicle of vertebra	78972004	C0223080
DCM	112096	Rib Scalene Tubercle		
DCM	112101	Scapular Infraspinatus Fossa		
DCM	112099	Scapular Spine		
DCM	112100	Scapular Supraspinatus Fossa		

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-11309	Shaft of rib	41601005	C0448161
SRT	T-11512	Spinous process of vertebra	55678000	C0223077
SRT	T-11221	Sternal angle	44612009	C0222772
DCM	112098	Subscapular Fossa		
SRT	T-116EE	Superior articular facet of axis	181900008	C0223114
SRT	T-1153E	Superior articular process of vertebra	317665004	C0223082
SRT	T-11218	Suprasternal notch	26493002	C0222769
SRT	T-11513	Transverse process or vertebra	73400003	C0223078
SRT	T-11304	Tubercle of rib	113198008	C0222809
SRT	T-1151F	Vertebral canal	61853006	C0037922
SRT	T-11531	Vertebral foramen	280734009	C0459720
DCM	112097	Vertebral Intervertebral Notch		
SRT	T-11227	Xiphoid process of sternum	20298003	C0043356

CID 6116 Muscular Anatomy

Type: Extensible
Version: 20130617

Table CID 6116. Muscular Anatomy

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-35020	Chordae tendineae cordis	102298001	C0008484
SRT	T-13660	Deltoid muscle	35259002	C0224234
SRT	T-D3400	Diaphragm	5798000	C0011980
SRT	T-14020	Erector spinae muscle	44947003	C0224301
SRT	T-1416B	External intercostal muscle	244878003	C0224353
SRT	T-14030	Iliocostalis muscle	57651003	C0224302
SRT	T-13620	Infraspinatus muscle	72573008	C0584882
SRT	T-14165	Innermost intercostal muscles	24062007	C0224357
SRT	T-32150	Interatrial septum	58095006	C0225836
SRT	T-14183	Internal intercostal muscle	244890001	C0224355
SRT	T-32410	Interventricular septum	589001	C0225870
SRT	T-14172	Latissimus dorsi muscle	15665001	C0224362
SRT	T-14150	Levatores costarum muscles	73930003	C1744586
SRT	T-14040	Longissimus muscle	88340001	C0224306
SRT	T-14110	Pectoralis major muscle	60005003	C0585574
SRT	T-14120	Pectoralis minor muscle	18686000	C0224347
SRT	T-13450	Scalenous anterior muscle	50755001	C0224173
SRT	T-14140	Serratus anterior muscle	18346003	C0224349
SRT	T-14050	Spinalis muscle	4317002	C0224310
SRT	T-13310	Sternocleidomastoid muscle	22823000	C0224153

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-14166	Subcostal muscle	64658001	C0224358
SRT	T-13650	Subscapularis muscle	90588001	C0584884
SRT	T-13610	Supraspinatus muscle	6423006	C0584869
SRT	T-13640	Teres major muscle	1193009	C0224232
SRT	T-13630	Teres minor muscle	51159009	C0224231
SRT	T-32423	Trabeculae carnae	118755002	C0502348
SRT	T-141A5	Transversus thoracis	244933000	C0224359
SRT	T-14171	Trapezius muscle	31764008	C0224361

CID 6117 Vascular Anatomy

Type: Extensible
Version: 20130617

Table CID 6117. Vascular Anatomy

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
<i>Include CID 3015 "Coronary Arteries"</i>				
SRT	T-42300	Aortic arch	57034009	C0003489
SRT	T-42310	Aortic isthmus	88593004	C0226019
DCM	112102	Aortic knob		
DCM	112103	Arch of the Azygos vein		
SRT	T-42100	Ascending aorta	54247002	C0003956
SRT	T-47100	Axillary Artery	67937003	C0004455
SRT	T-49110	Axillary vein	68705008	C0004456
SRT	T-48340	Azygos vein	72107004	C0004526
SRT	T-47160	Brachial artery	17137000	C0006087
SRT	T-A9090	Brachial plexus	36582005	C0006090
SRT	T-46010	Brachiocephalic trunk	12691009	C0006094
SRT	T-48620	Brachiocephalic vein	8887007	C0006095
SRT	T-46310	Bronchial artery	64468002	C0006257
SRT	T-45100	Common carotid artery	32062004	C0162859
SRT	T-46180	Costocervical trunk	3159004	C0226273
SRT	T-D0765	Descending aorta	281130003	C0011666
SRT	T-461A0	Dorsal scapular artery	91732003	C0500583
SRT	T-4630D	Esophageal artery	206034008	C0226294
SRT	T-46940	Inferior phrenic artery	29660000	C0226406
SRT	T-48710	Inferior vena cava	64131007	C0042458
SRT	T-D305A	Intercostal artery	281134007	C0459917
SRT	T-48170	Internal jugular vein	12123001	C0226550
SRT	T-46200	Internal thoracic artery	69327007	C0226276
SRT	T-46210	Pericardiophrenic Artery	3924000	C0226287

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-44000	Pulmonary artery	81040000	C0034052
SRT	T-44100	Pulmonary trunk	45341000	C0034052
SRT	T-48581	Pulmonary vein	122972007	C0034090
SRT	T-46100	Subclavian artery	36765005	C0038530
SRT	T-48330	Subclavian vein	9454009	C0038532
SRT	T-46350	Superior phrenic artery	38991005	C0226295
SRT	T-48610	Superior vena cava	48345005	C0042459
SRT	T-46130	Thyrocervical trunk	6538005	C0226263
SRT	T-45700	Vertebral artery	85234005	C0042559

Note

In a prior version of this Context Group the code T-48500 rather than T-48581 was defined for the concept Pulmonary Vein; this was inconsistent with the DICOM approach of selecting the "structure of" rather than "entire" concept. Although there is minimal possibility of misinterpretation with SOP Instances that may include the deprecated use, receiving applications should be aware of this change; see Annex J.

CID 7152 Cardiac Structure Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7152. Cardiac Structure Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-32000	Heart	80891009	C0018787
SRT	T-42000	Aorta	15825003	C0003483
SRT	T-32600	Left Ventricle	87878005	C0225897
SRT	T-32500	Right Ventricle	53085002	C0225883
SRT	T-39000	Pericardium	76848001	C0031050
SRT	T-39050	Pericardial cavity	25489000	C0225972

CID 7157 Device Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7157. Device Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-12024	Bone Pin	77444004	C0175718
SRT	A-12030	Bone Screw	68183006	C0005975
SRT	A-11100	Cardiac Pacemaker	14106009	C0030163
SRT	A-11206	Defibrillator	72506001	C0162589
SRT	A-04200	Dental Prosthesis	27606000	C0162686
SRT	A-04036	Inlay Dental Restoration	272287005	C0441351

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-11FCD	Left ventricular assist device	360066001	C0181598
SRT	A-30360	Needle	79068005	C0027551
SRT	A-04034	Radioactive implant	19443004	C0521196
SRT	A-25500	Stent	65818007	C0038257

CID 7158 Artifact Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7158. Artifact Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	A-00916	Clothing	272180002	C0009072
SRT	M-30400	Foreign body	19227008	C0016542
SRT	A-17350	Table	86407004	C0039224

CID 7159 Lesion Segmentation Types

Type: Extensible
Version: 20150106

Table CID 7159. Lesion Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	M-41610	Abscess	44132006	C0000833
SRT	M-35000	Blood clot	75753009	C0302148
SRT	M-3340A	Cyst	367643001	C0010709
SRT	M-36300	Edema	79654002	C0013604
SRT	M-35300	Embolus	55584005	C1704212
SRT	M-37000	Hemorrhage	50960005	C0019080
SRT	M-40000	Inflammation	23583003	C0021368
SRT	M-03000	Mass	4147007	C0577559
SRT	M-54000	Necrosis	6574001	C0027540
SRT	M-8FFFF	Neoplasm	108369006	C0027651
SRT	M-80003	Neoplasm, Primary	86049000	C1306459
SRT	M-80006	Neoplasm, Secondary	14799000	C2939419
SRT	M-03010	Nodule	27925004	C0028259

CID 7160 Pelvic Organ Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7160. Pelvic Organ Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-74000	Bladder	89837001	C0005682
SRT	T-83200	Cervix	71252005	C0007874
SRT	T-88000	Fallopian tube	31435000	C0015560
SRT	T-80010	Female external genitalia	86969008	C0227747
SRT	T-80020	Female internal genitalia	87759004	C0227748
SRT	T-90010	Male external genitalia	90418005	C0227922
SRT	T-90020	Male internal genitalia	38242008	C0227923
SRT	T-87000	Ovary	15497006	C0029939
SRT	T-92000	Prostate	41216001	C0033572
SRT	T-59600	Rectum	34402009	C0034896
SRT	T-93000	Seminal Vesicle	64739004	C0036628
SRT	T-94000	Testis	40689003	C0039597
SRT	T-83000	Uterus	35039007	C0042149
SRT	T-82000	Vagina	76784001	C0042232
SRT	T-96000	Vas deferens	57671007	C0042360

CID 7161 Physiology Segmentation Types

Type: Extensible
Version: 20060822

Table CID 7161. Physiology Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	R-0039F	Perfusion	371863001	C1276288

CID 7165 Abstract Segmentation Types

Type: Extensible
Version: 20151113

Table CID 7165. Abstract Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
DCM	125040	Background		
SRT	T-D0050	Tissue	85756007	C0040300
SRT	F-61779	Waste Material	289925000	C0043045
DCM	125041	Registration Input		
DCM	113132	Single subject extracted from group		
NCIt	C94970	Reference Region		C2986814

CID 7167 Peripheral Nervous System Segmentation Types

Type: Extensible
Version: 20130617

Table CID 7167. Peripheral Nervous System Segmentation Types

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-A0140	Peripheral nervous system	3058005	C0206417
SRT	T-A0500	Peripheral nerve	84782009	C0031119
SRT	T-A8000	Cranial nerve	25238003	C0010268
SRT	T-A8640	Vagus nerve	88882009	C0042276
SRT	T-A9605	Autonomic nerve	53520000	C0206250
SRT	T-A9630	Sympathetic trunk	44909008	C0228972

CID 12104 Extracranial Arteries

This context group specifies the anatomic location for vascular observations

Type: Extensible
Version: 20030327

Table CID 12104. Extracranial Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-45160	Carotid Bifurcation	80272002	C0226088
SRT	T-45170	Carotid Bulb	21479005	C0007281
SRT	T-45100	Common Carotid Artery	32062004	C0162859
SRT	T-45200	External Carotid Artery	22286001	C0007275
SRT	T-45300	Internal Carotid Artery	86117002	C0007276
SRT	T-46100	Subclavian Artery	36765005	C0038530
SRT	T-45700	Vertebral Artery	85234005	C0042559

CID 12105 Intracranial Cerebral Vessels

Type: Extensible
Version: 20160314

Table CID 12105. Intracranial Cerebral Vessels

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-45540	Anterior Cerebral Artery	60176003	C0149561
SRT	T-45530	Anterior Communicating Artery	8012006	C0149562
SRT	G-0368	Anterior-Middle Cerebral Artery Bifurcation	397418009	C1301412
SRT	G-0369	Anterior-Posterior Cerebral Artery Bifurcation	397419001	C1301413
SRT	T-45308	Carotid Siphon	54409005	C0226162

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-45430	Central Retinal Artery	76117006	C0035301
SRT	T-48286	Central Retinal Vein	62869001	C0035327
SRT	T-45300	Internal Carotid Artery	86117002	C0007276
SRT	R-102BB	Internal Carotid Artery C5 segment	415637004	C1532941
SRT	R-FAED1	Internal Carotid Artery C6 segment	698348000	C3697273
SRT	R-102BD	Terminal internal carotid artery	415646005	C1533000
SRT	T-45600	Middle Cerebral Artery	17232002	C0149566
SRT	R-1024F	Middle Cerebral Artery M1 Segment	414722000	C0923620
SRT	R-10251	Middle Cerebral Artery M2 Segment	414723005	C0923622
SRT	T-45400	Ophthalmic Artery	53549008	C0029078
SRT	T-45900	Posterior Cerebral Artery	70382005	C0149576
SRT	R-10253	Posterior Cerebral Artery P1 Segment	415144009	C0923795
SRT	R-10255	Posterior Cerebral Artery P2 Segment	415145005	C0923796
SRT	T-45320	Posterior Communicating Artery	43119007	C0149559

CID 12106 Intracranial Cerebral Vessels (Unilateral)

Type: Extensible
Version: 20030327

Table CID 12106. Intracranial Cerebral Vessels (Unilateral)

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-45800	Basilar Artery	59011009	C0004811

CID 12107 Upper Extremity Arteries

Type: Extensible
Version: 20050110

Table CID 12107. Upper Extremity Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-47100	Axillary Artery	67937003	C0004455
SRT	T-47160	Brachial Artery	17137000	C0006087
SRT	T-47340	Deep Palmar Arch of Radial Artery	10119003	C0226441
SRT	T-46010	Innominate Artery	12691009	C0006094
SRT	T-47300	Radial Artery	45631007	C0162857
SRT	T-46100	Subclavian Artery	36765005	C0038530
SRT	T-47240	Superficial Palmar Arch	26818002	C0226433
SRT	T-47200	Ulnar Artery	44984001	C0162858
SRT	T-47260	Digital artery of hand	40254007	C0226435

CID 12108 Upper Extremity Veins

Type: Extensible
Version: 20160314

Table CID 12108. Upper Extremity Veins

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-49110	Axillary vein	68705008	C0004456
SRT	T-49230	Basilic vein	19715009	C0226801
SRT	T-49350	Brachial vein	20115005	C0226812
SRT	T-49240	Cephalic vein	20699002	C0226802
SRT	T-48620	Innominate vein	8887007	C0006095
SRT	T-48170	Internal Jugular vein	12123001	C0226550
SRT	T-49250	Median Cubital vein	49852007	C0226805
SRT	T-49340	Radial vein	52359001	C0226811
SRT	T-48330	Subclavian vein	9454009	C0038532
SRT	T-49330	Ulnar vein	17623008	C0226810
SRT	T-48610	Superior Vena Cava	48345005	C0042459
SRT	T-49218	Deep Palmar Venous Arch	368481004	C0226798
SRT	T-49217	Superficial Palmar Venous Arch	368479001	C0226796

CID 12109 Lower Extremity Arteries

Type: Extensible
Version: 20050110

Table CID 12109. Lower Extremity Arteries

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-46710	Common Iliac Artery	73634005	C1261084
SRT	R-10258	Common Iliac Artery Bifurcation	413896006	C1531837
SRT	T-47700	Anterior Tibial Artery	68053000	C0085816
SRT	T-47400	Common Femoral Artery	7657000	C0015801
SRT	T-47741	Dorsalis Pedis Artery	181362007	C1269022
SRT	T-46910	External Iliac Artery	113269004	C0226398
SRT	T-46740	Internal Iliac Artery	90024005	C0226364
SRT	T-47630	Peroneal Artery	8821006	C0226476
SRT	T-47690	Plantar Arterial Arch	83018002	C0226482
SRT	T-47500	Popliteal Artery	43899006	C0032649
SRT	T-47600	Posterior Tibial Artery	13363002	C0086835
SRT	T-47440	Profunda Femoris Artery	31677005	C0226455
SRT	T-47403	Superficial Femoral Artery	181349008	C0447106

CID 12110 Lower Extremity Veins

Type: Extensible
Version: 20160314

Table CID 12110. Lower Extremity Veins

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-49630	Anterior Tibial Vein	26703007	C0226833
SRT	T-F6724	Lateral calf perforator	714754004	C4075130
SRT	G-035B	Common Femoral Vein	397363009	C1275667
SRT	T-48920	Common Iliac Vein	46027005	C0226758
SRT	T-48930	External Iliac Vein	63507001	C0226761
SRT	T-4942D	Gastrocnemius vein	264481007	C0450291
SRT	G-036F	Giacomini vein	397437000	C1301429
SRT	T-49530	Great Saphenous Vein	60734001	C0036186
SRT	R-10259	Great Saphenous Vein of Thigh	414369008	C1531999
SRT	R-1025A	Great Saphenous Vein of Calf	414368000	C1531998
SRT	T-49550	Lesser Saphenous Vein	26805005	C0226827
SRT	T-49640	Peroneal Vein	71758008	C0226836
SRT	T-49650	Popliteal Vein	56849005	C0032652
SRT	G-036E	Posterior arch vein	397435008	C1301427
SRT	T-49620	Posterior Tibial Vein	4258007	C0226832
SRT	T-49660	Profunda Femoris Vein	23438002	C0226841
SRT	T-D930A	Saphenofemoral Junction	128587003	C0447132
SRT	G-036B	Soleal vein	397427005	C1301420
SRT	G-035A	Superficial Femoral Vein	397364003	C1301369
SRT	T-F6713	Thigh perforator	714759009	C4075125
SRT	T-48940	Internal iliac vein	40300007	C0226764
SRT	T-4941A	Saphenopopliteal junction	244415001	C0447131
SRT	T-4942A	Hunterian perforating vein	128560002	C1267526
SRT	T-49426	Cockett's perforating vein	128549006	C1267523
SRT	T-49424	Boyd's perforating vein	128548003	C1267522

CID 12111 Abdominal Arteries (Lateral)

Type: Extensible
Version: 20050110

Table CID 12111. Abdominal Arteries (Lateral)

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-46640	Accessory Renal Artery	85383006	C0226335
SRT	T-46410	Gastric Artery	23771002	C0226299
SRT	T-46980	Ovarian Artery	12052000	C0226411

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-46970	Testicular Artery	27175001	C0226409
SRT	T-F1810	Umbilical Artery	50536004	C0041632
SRT	T-46820	Uterine Artery	91079009	C0226378

CID 12112 Abdominal Arteries (Unilateral)

Type: Extensible
Version: 20050110

Table CID 12112. Abdominal Arteries (Unilateral)

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-42000	Aorta	15825003	C0003483
SRT	T-42520	Infra-renal Aorta	28205006	C0226025
SRT	T-42510	Supra-renal Aorta	1918003	C0226024
SRT	T-46400	Celiac Axis	57850000	C0007569
SRT	T-46421	Common Hepatic Artery	66559000	C0226300
SRT	T-46710	Common Iliac Artery	73634005	C1261084
SRT	T-46440	Gastroduodenal Artery	37274004	C0226311
SRT	T-46520	Inferior Mesenteric Artery	33795007	C0162860
SRT	T-46960	Lumbar Artery	34635009	C0226408
SRT	T-46422	Proper Hepatic Artery	18112008	C0226301
SRT	T-46423	Right Branch of Hepatic Artery	69421009	C0226302
SRT	T-46427	Left Branch of Hepatic Artery	21807003	C0226306
SRT	T-46460	Splenic Artery	22083002	C0037996
SRT	T-46510	Superior Mesenteric Artery	42258001	C0162861

CID 12113 Abdominal Veins (Lateral)

Type: Extensible
Version: 20030327

Table CID 12113. Abdominal Veins (Lateral)

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-48920	Common iliac vein	46027005	C0226758
SRT	T-48820	Gastric vein	110568007	C0750610
SRT	G-0370	Ileal vein	397439002	C1301431
SRT	T-48780	Ovarian vein	976004	C0226720
SRT	T-48770	Testicular Vein	31688004	C0226718
SRT	G-035E	First Lumbar Artery	397407009	C1301402
SRT	G-035F	Second Lumbar Artery	397408004	C1301403
SRT	G-0360	Third Lumbar Artery	397409007	C1301404
SRT	G-0361	Fourth Lumbar Artery	397410002	C1301405

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	G-0362	Fifth Lumbar Artery	397411003	C1301406
SRT	G-0363	Sixth Lumbar Artery	397412005	C1301407

CID 12114 Abdominal Veins (Unilateral)

Type: Extensible
Version: 20030327

Table CID 12114. Abdominal Veins (Unilateral)

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-48720	Hepatic Vein	8993003	C0019155
SRT	G-036D	Inferior Right Hepatic Vein	397425002	C1301418
SRT	T-48727	Left Hepatic Vein	273202007	C0226708
SRT	T-48726	Middle Hepatic Vein	273099000	C0226707
SRT	T-48725	Right Hepatic Vein	272998002	C0226706
SRT	T-48810	Portal Vein	32764006	C0032718
SRT	T-4881F	Left Main Branch of Portal Vein	304374005	C0582255
SRT	T-4882A	Right Main Branch of Portal Vein	304375006	C0582256
SRT	T-48910	Inferior Mesenteric Vein	32859001	C0226754
SRT	T-48710	Inferior Vena Cava	64131007	C0042458
SRT	T-48890	Splenic Vein	35819009	C0038001
SRT	T-48840	Superior Mesenteric Vein	90771006	C0226742
SRT	G-036C	Transjugular Intrahepatic Portosystemic Shunt	397423009	C1301416
SRT	T-48817	Umbilical Vein	61660003	C0226734

CID 12115 Renal Vessels

Type: Extensible
Version: 20030327

Table CID 12115. Renal Vessels

Coding Scheme Designator	Code Value	Code Meaning	SNOMED-CT Concept ID	UMLS Concept Unique ID
SRT	T-46600	Renal Artery	2841007	C0035065
SRT	G-035C	Hilar Artery	397405001	C1275669
SRT	T-46659	Segmental Artery	120234003	C1267338
SRT	T-4667C	Lobar Artery	274060004	C0226346
SRT	T-4668A	Arcuate Artery of the Kidney	274231001	C0226348
SRT	T-4667D	Interlobar Artery of Kidney	274143007	C0226347
SRT	T-46640	Accessory Renal Artery	85383006	C0226335
SRT	T-46668	Perforating Artery of Kidney	15763003	C0226344
SRT	T-48740	Renal Vein	56400007	C0035092