

1	Status	Assigned
2	Date of Last Update	2017/01/30
3	Person Assigned	David Clunie
4		mailto:dclunie@dclunie.com
5	Submitter Name	QIICR
6	Submission Date	2017/01/19

7	Correction Number CP-1690	
8	Log Summary: Add laterality requirement information to anatomical concepts	
9	Name of Standard	
10	PS3.16	
11	Rationale for Correction:	
12	An indication of whether concepts are paired or not is added, as a guide to whether or not a laterality modifier may be necessary or	
13	is permitted.	
14	Correction Wording:	

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

L Correspondence of Anatomic Region Codes and Body Part Examined Defined Terms

This Annex defines a correspondence between the codes used in context groups for Anatomic Region Sequence (0008,2218) and Body Part Examined (0018,0015), as well as providing a list of the Defined Terms for Body Part Examined (0018,0015), for human use in Table L-1 and for large animal use in Table L-2 and for small animal use in Table L-3. **In addition, Table L-5 summarizes whether or not selected anatomic concepts may or may not have or require a laterality modifier (as opposed to being unpaired, or already incorporating laterality as a precoordinated concept.**

Add new table to DICOM PS3.16 as follows :

L Correspondence of Anatomic Region Codes and Body Part Examined Defined Terms

Table L-5. Pairedness of Anatomic Concepts

SNOMED Code Value	Code Meaning	Paired Structure
T-F1320	Amniotic fluid	N
T-D4000	Abdomen	N
R-FAB57	Abdomen and Pelvis	N
T-42500	Abdominal aorta	N
T-15420	Acromioclavicular joint	Y
T-B3000	Adrenal gland	Y
T-15750	Ankle joint	Y
T-48503	Anomalous pulmonary vein	N
T-49215	Antecubital vein	Y
T-48440	Anterior cardiac vein	N
T-45530	Anterior communicating artery	N
T-45730	Anterior spinal artery	N
T-47700	Anterior tibial artery	Y
T-59490	Anus, rectum and sigmoid colon	N
T-42000	Aorta	N
T-42300	Aortic arch	N
D3-81922	Aortic fistula	N
T-32602	Apex of left ventricle	N
T-280A0	Apex of Lung	Y
T-32502	Apex of right ventricle	N
T-59200	Appendix	N
T-41000	Artery	Y
T-42100	Ascending aorta	N
T-59420	Ascending colon	N
T-32100	Atrium	Y
T-D8104	Axilla	Y
T-47100	Axillary Artery	Y

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-49110	Axillary vein	Y
3	T-48340	Azygos vein	N
4	T-D2100	Back	N
5	A-00203	Baffle	N
6	T-45800	Basilar artery	N
7	T-60610	Bile duct	N
8	T-74000	Bladder	N
9	T-DD123	Bladder and urethra	N
10	T-D00AB	Body conduit	N
11	T-49424	Boyd's perforating vein	Y
12	T-47160	Brachial artery	Y
13	T-49350	Brachial vein	Y
14	T-A0100	Brain	N
15	T-04000	Breast	Y
16	T-D6500	Broad ligament	N
17	T-26000	Bronchus	Y
18	T-D1206	Buccal region of face	N
19	T-D2600	Buttock	Y
20	T-12770	Calcaneus	Y
21	T-D9440	Calf of leg	Y
22	T-72100	Calyx	N
23	T-45010	Carotid Artery	Y
24		Celiac artery	N
25	T-49240	Cephalic vein	Y
26	T-A6000	Cerebellum	Y
27	T-45510	Cerebral artery	Y
28	T-A010F	Cerebral hemisphere	Y
29	T-11501	Cervical spine	N
30	T-D00F7	Cervico-thoracic spine	N
31	T-83200	Cervix	N
32	T-D1206	Cheek	Y
33	T-D3000	Chest	N
34	R-FAB56	Chest, Abdomen and Pelvis	N
35	R-FAB55	Chest and Abdomen	N
36	T-45526	Circle of Willis	N
37	T-12310	Clavicle	Y
38	T-11BF0	Coccyx	N
39	T-59300	Colon	N
40	D4-31005	Common atrium	N
41	T-45100	Common carotid artery	Y
42	T-46710	Common iliac artery	Y
43	T-48920	Common iliac vein	Y

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	D4-31120	Common ventricle	N
3	D4-32504	Congenital coronary artery fistula to left atrium	N
4	D4-32506	Congenital coronary artery fistula to left ventricle	N
5	D4-32509	Congenital coronary artery fistula to right atrium	N
6	D4-32510	Congenital coronary artery fistula to right ventricle	N
7	D3-40208	Congenital pulmonary arteriovenous fistula	N
8	T-AA200	Cornea	Y
9	T-43000	Coronary artery	N
10	T-48410	Coronary sinus	N
11	T-A0193	Cranial venous system	N
12	T-42400	Descending aorta	N
13	T-59460	Descending colon	N
14	T-49429	Dodd's perforating vein	Y
15	T-58200	Duodenum	N
16	T-AB000	Ear	Y
17	T-15430	Elbow joint	Y
18	T-41000	Endo-arterial	N
19	T-32000	Endo-cardiac	N
20	T-56000	Endo-esophageal	N
21	T-83400	Endometrium	N
22	T-21300	Endo-nasal	N
23	T-23050	Endo-nasopharyngeal	N
24	T-59600	Endo-rectal	N
25	T-71000	Endo-renal	N
26	T-73000	Endo-ureteric	N
27	T-75000	Endo-urethral	N
28	T-82000	Endo-vaginal	N
29	T-40000	Endo-vascular	N
30	T-48000	Endo-venous	N
31	T-74250	Endo-vesical	N
32	T-D0010	Entire body	N
33	T-D4200	Epigastric region	N
34	T-56000	Esophagus	N
35	T-DD163	Esophagus, stomach and duodenum	N
36	T-AB200	External auditory canal	Y
37	T-45200	External carotid artery	Y
38	T-46910	External iliac artery	Y
39	T-48930	External iliac vein	Y
40	T-D0300	Extremity	Y
41	T-AA000	Eye	Y
42	T-AA810	Eyelid	Y
43	T-D1200	Face	N

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-45240	Facial artery	Y
3	T-11196	Facial bones	N
4	T-47400	Femoral artery	Y
5	T-49410	Femoral vein	Y
6	T-12710	Femur	Y
7	T-D8800	Finger	Y
8	T-D2310	Flank	N
9	T-15200	Fontanel of skull	N
10	T-D9700	Foot	Y
11	T-D8500	Forearm	Y
12	T-A1820	Fourth ventricle	N
13	T-63000	Gallbladder	N
14	T-48820	Gastric vein	Y
15	T-47490	Genicular artery	Y
16	F-03FC9	Gestational sac	N
17	T-D2600	Gluteal region	Y
18	T-48420	Great cardiac vein	N
19	T-D8700	Hand	Y
20	T-D1100	Head	N
21	T-D1000	Head and Neck	N
22	T-32000	Heart	N
23	T-46420	Hepatic artery	Y
24	T-48720	Hepatic vein	Y
25	T-15710	Hip joint	Y
26	T-12410	Humerus	Y
27	T-4942A	Hunterian perforating vein	Y
28	T-D4240	Hypogastric region	N
29	T-55300	Hypopharynx	N
30	T-58600	Ileum	N
31	T-41068	Iliac and/or femoral artery	Y
32	T-46700	Iliac artery	Y
33	T-12340	Ilium	Y
34	T-48470	Inferior cardiac vein	N
35	T-48540	Inferior left pulmonary vein	N
36	T-46520	Inferior mesenteric artery	N
37	T-48520	Inferior right pulmonary vein	N
38	T-48710	Inferior vena cava	N
39	T-D7000	Inguinal region	Y
40	T-46010	Innominate artery	N
41	T-48620	Innominate vein	Y
42	T-AB959	Internal Auditory Canal	Y
43	T-45300	Internal carotid artery	Y

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-46740	Internal iliac artery	Y
3	T-48170	Internal jugular vein	Y
4	T-46200	Internal mammary artery	Y
5	T-D4010	Intra-abdominal	N
6	G-A15A	Intra-articular	N
7	T-D1400	Intracranial	N
8	T-56000	Intra-esophageal	N
9	T-D6221	Intra-pelvic	N
10	T-D3000	Intra-thoracic	N
11	T-D1213	Jaw region	N
12	T-58400	Jejunum	N
13	T-15001	Joint	Y
14	D4-31052	Juxtaposed atrial appendage	N
15	T-71000	Kidney	N
16	T-D9200	Knee	N
17	T-45410	Lacrimal artery	Y
18	T-45416	Lacrimal artery of right eye	N
19	T-59000	Large intestine	N
20	T-24100	Larynx	N
21	T-A1650	Lateral Ventricle	Y
22		Left anterior cerebral artery	N
23	T-32300	Left atrium	N
24	T-32310	Left auricular appendage	N
25		Left axillary artery	N
26		Left axillary vein	N
27		Left brachial artery	N
28		Left brachial vein	N
29		Left breast	N
30	T-45190	Left carotid sinus	N
31		Left choroid plexus	N
32		Left common carotid artery	N
33		Left common femoral artery	N
34		Left common femoral vein	N
35		Left common iliac artery	N
36		Left common iliac vein	N
37		Left epididymis	N
38		Left external carotid artery	N
39		Left external iliac artery	N
40		Left external iliac vein	N
41		Left external jugular vein	N
42		Left eye	N
43	T-47420	Left femoral artery	N

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2		Left femur	N
3		Left great saphenous vein	N
4		Left hepatic vein	N
5		Left humerus	N
6	T-D4211	Left hypochondriac region	N
7		Left iliac artery	N
8		Left iliac vein	N
9	T-D7020	Left inguinal region	N
10		Left internal carotid artery	N
11		Left internal jugular vein	N
12		Left kidney	N
13	T-D4140	Left lower quadrant of abdomen	N
14	T-D2340	Left lumbar region	N
15		Left middle cerebral artery	N
16		Left ovary	N
17		Left popliteal artery	N
18		Left popliteal vein	N
19		Left portal vein	N
20		Left posterior cerebral artery	N
21		Left profunda femoris artery	N
22		Left profunda femoris vein	N
23	T-44400	Left pulmonary artery	N
24		Left radial artery	N
25		Left radius	N
26		Left renal artery	N
27		Left renal vein	N
28		Left saphenous vein	N
29		Left seminal vesicle	N
30		Left subclavian artery	N
31		Left subclavian vein	N
32		Left superficial femoral artery	N
33		Left superficial femoral vein	N
34		Left testis	N
35		Left thalamus	N
36		Left tibia and fibula	N
37		Left ulna	N
38		Left ulnar artery	N
39	T-D4130	Left upper quadrant of abdomen	N
40	T-32600	Left ventricle	N
41	T-32640	Left ventricle inflow	N
42	D4-31022	Left ventricle outflow chamber	N
43	T-32650	Left ventricle outflow tract	N

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2		Left vertical artery	N
3	T-45230	Lingual artery	Y
4	T-62000	Liver	N
5	T-04003	Lower inner quadrant of breast	Y
6	T-D9400	Lower leg	Y
7	T-04005	Lower outer quadrant of breast	Y
8	T-46960	Lumbar artery	Y
9	T-D2300	Lumbar region	Y
10	T-11503	Lumbar spine	N
11	T-D00F9	Lumbo-sacral spine	N
12	T-40230	Lumen of blood vessel	N
13	T-28000	Lung	Y
14	T-11180	Mandible	N
15	T-11133	Mastoid bone	Y
16	T-11170	Maxilla	Y
17	T-D3300	Mediastinum	N
18	T-46500	Mesenteric artery	N
19	T-4884A	Mesenteric vein	N
20		Middle hepatic vein	N
21	T-D4434	Morisons pouch	N
22	T-51000	Mouth	N
23	T-11149	Nasal bone	Y
24	T-2300C	Nasopharynx	N
25	T-D1600	Neck	N
26	R-FAB54	Neck, Chest, Abdomen and Pelvis	N
27	R-FAB53	Neck, Chest and Abdomen	N
28	R-FAB52	Neck and Chest	N
29	T-21000	Nose	N
30	T-45250	Occipital artery	Y
31	T-48214	Occipital vein	Y
32	T-D4450	Omental bursa	N
33	T-D4600	Omentum	N
34	T-45400	Ophthalmic artery	Y
35	T-11102	Optic canal	Y
36	T-D14AE	Orbital structure	Y
37	T-87000	Ovary	Y
38	T-65000	Pancreas	N
39	T-65010	Pancreatic duct	N
40	T-65600	Pancreatic duct and bile duct systems	N
41	T-22000	Paranasal sinus	Y
42	T-D3136	Parasternal	N
43	T-B7000	Parathyroid	Y

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-61100	Parotid gland	Y
3	T-12730	Patella	Y
4	D4-32012	Patent ductus arteriosus	N
5	T-D6000	Pelvis	N
6	R-FAB58	Pelvis and lower extremities	N
7		Penile vessel	N
8	T-91000	Penis	N
9	T-D2700	Perineum	N
10	T-47630	Peroneal artery	Y
11	T-55000	Pharynx	N
12	T-20101	Pharynx and larynx	N
13	T-F1100	Placenta	N
14	T-47500	Popliteal artery	Y
15	T-D9310	Popliteal fossa	Y
16	T-48810	Portal vein	N
17	T-45320	Posterior communicating artery	Y
18	T-49535	Posterior medial tributary	N
19	T-47600	Posterior tibial artery	Y
20	T-F7001	Primitive aorta	N
21	T-F7040	Primitive pulmonary artery	N
22	T-9200B	Prostate	N
23	T-44000	Pulmonary artery	Y
24	D4-33142	Pulmonary artery conduit	N
25	T-32190	Pulmonary chamber of cor triatriatum	N
26	T-48581	Pulmonary vein	Y
27	D4-33512	Pulmonary vein confluence	N
28	D4-33514	Pulmonary venous atrium	N
29	T-47300	Radial artery	Y
30	T-12420	Radius	Y
31	T-12403	Radius and ulna	Y
32	T-D6407	Rectouterine pouch	N
33	T-59600	Rectum	N
34	T-46600	Renal artery	Y
35	T-72000	Renal pelvis	Y
36	T-48740	Renal vein	Y
37	T-D4900	Retroperitoneum	N
38	T-11300	Rib	Y
39		Right anterior cerebral artery	N
40	T-32200	Right atrium	N
41	T-32210	Right auricular appendage	N
42		Right axillary artery	N
43		Right axillary vein	N

	SNOMED Code Value	Code Meaning	Paired Structure
2		Right brachial artery	N
3		Right brachial vein	N
4		Right breast	N
5	T-45180	Right carotid sinus	N
6		Right choroid plexus	N
7		Right common carotid artery	N
8		Right common femoral artery	N
9		Right common femoral vein	N
10		Right common iliac vein	N
11	T-47410	Right femoral artery	N
12	T-D4212	Right hypochondriac region	N
13	T-D7010	Right inguinal region	N
14	T-D4120	Right lower quadrant of abdomen	N
15	T-D2342	Right lumbar region	N
16	T-44200	Right pulmonary artery	N
17	T-D4110	Right upper quadrant of abdomen	N
18	T-32500	Right ventricle	N
19	T-32540	Right ventricle inflow	N
20	D4-31032	Right ventricle outflow chamber	N
21	T-32550	Right ventricle outflow tract	N
22	T-15680	Sacroiliac joint	Y
23	T-11AD0	Sacrum	N
24	T-D930A	Saphenofemoral junction	Y
25	T-49530	Saphenous vein	Y
26	T-D1160	Scalp	N
27	T-12280	Scapula	Y
28	T-AA110	Sclera	Y
29	T-98000	Scrotum	Y
30	T-D1460	Sella turcica	N
31	T-12980	Sesamoid bones of foot	Y
32	T-D2220	Shoulder	Y
33	T-59470	Sigmoid colon	N
34	T-11100	Skull	N
35	T-58000	Small intestine	N
36	T-A7010	Spinal cord	N
37	T-D04FF	Spine	N
38	T-C3000	Spleen	N
39	T-46460	Splenic artery	N
40	T-48890	Splenic vein	N
41	T-15610	Sternoclavicular joint	Y
42	T-11210	Sternum	N
43	T-57000	Stomach	N

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-46100	Subclavian artery	Y
3	T-48330	Subclavian vein	Y
4	T-D4210	Subcostal	Y
5	T-D1603	Submandibular area	Y
6	T-61300	Submandibular gland	Y
7	T-D161E	Submental	N
8	T-D3213	Subxiphoid	N
9	T-45270	Superficial temporal artery	Y
10	T-48530	Superior left pulmonary vein	N
11	T-46510	Superior mesenteric artery	N
12	T-48510	Superior right pulmonary vein	N
13	T-45210	Superior thyroid artery	Y
14	T-48610	Superior vena cava	N
15	T-D1620	Supraclavicular region of neck	Y
16	T-D4240	Suprapubic region	N
17	T-11218	Suprasternal notch	N
18	T-44007	Systemic collateral artery to lung	N
19	D4-33516	Systemic venous atrium	N
20	T-15770	Tarsal joint	Y
21	T-15290	Temporomandibular joint	Y
22	T-94000	Testis	Y
23	T-D9100	Thigh	Y
24	T-A1740	Third ventricle	N
25	T-42070	Thoracic aorta	N
26	T-11502	Thoracic spine	N
27	T-D00F8	Thoraco-lumbar spine	N
28	T-D3000	Thorax	N
29	T-D8810	Thumb	Y
30	T-C8000	Thymus	N
31	T-B6000	Thyroid	N
32	T-12740	Tibia	Y
33	T-12701	Tibia and fibula	Y
34	T-D9800	Toe	Y
35	T-53000	Tongue	N
36	T-25000	Trachea	N
37	T-DD006	Trachea and bronchus	N
38	T-59440	Transverse colon	N
39	D4-31400	Truncus arteriosus communis	N
40	T-46400	Truncus coeliacus	N
41	T-12430	Ulna	Y
42	T-47200	Ulnar artery	Y
43	T-F1810	Umbilical artery	N

	SNOMED Code Value	Code Meaning	Paired Structure
1			
2	T-D4230	Umbilical region	N
3	T-48817	Umbilical vein	N
4	T-D8200	Upper arm	Y
5	T-04002	Upper inner quadrant of breast	Y
6	T-04004	Upper outer quadrant of breast	Y
7	T-7000B	Upper urinary tract	N
8	T-73000	Ureter	Y
9	T-75000	Urethra	N
10	T-83000	Uterus	N
11	T-88920	Uterus and fallopian tubes	N
12	T-82000	Vagina	N
13	A-04140	Vascular graft	N
14	T-48000	Vein	Y
15	T-48003	Venous network	N
16	T-32400	Ventricle	Y
17	T-45700	Vertebral artery	Y
18	T-11011	Vertebral column and cranium	N
19	T-81000	Vulva	N
20	T-15460	Wrist joint	Y
21	T-11166	Zygoma	Y