

Instructions for Use

CONTOURS

All **anatomical names** are listed below.
Please do not use any others.

All radiation oncology entries are in
CAPITAL CASE.

All radiation therapist entries are in
small case.

(If an RT adds an anatomical structure,
name it in lower case and the RO will
review and change to CAPITAL CASE to
signify approval of the contour)

Paired organs grouped for DVH
purposes, are names as a plural, e.g.,
LUNG_R + LUNG_L = LUNGS.

Please **sort names** so that the CAPITAL
CASE names are at the top, and control
structures at the bottom.

VOLUMES

Volumes are named GTV, CTV or PTV.

GTV

A single GTV is labelled GTV.
Multiple GTVs are labelled GTVp, GTVn,
GTVm. If further differentiation is
required use an underscore and
differentiator, e.g., GTVn_2a (a node in
level 2a), or GTVn_1, GTVn_2 (two
separate nodes).

CTV

There are two types of CTV. Post-
surgical volumes which are distorted
anatomy (TBV, SBV) and other CTVs
which are anatomical.

TBV

The post-surgical area which contained
the primary, and any residual disease.

SBV

The post-surgical area which is
considered at lower risk, e.g., the neck
dissection

All other CTVs will be named directly
from the GTV used to generate it, e.g.,
GTV > CTV, GTVn_2a > CTVn_2a.
Nodal areas outside of these CTVs, i.e.,
the *node negative areas* will be labelled
CTVn0.

PTV

All PTVs will have a dose attached in
centiGray, e.g., PTV5000.

Standardised Anatomical Naming [01-09-2015]

Anatomical Name	OAR Name	FMA number (FMAID)	Anatomical Name	OAR Name	FMA number
Adrenal glands Left	ADRENAL_L	15629	Carotid artery combined	A_CAROTIDS	3939
Adrenal glands Right	ADRENAL_R	15630	Left Carotid Artery	A_CAROTID_L	4058
Anal canal	ANALCANAL	15703	Right Carotid Artery	A_CAROTID_R	3941
Anal Sphincter - internal	ANALSPHINCT	15710	Cauda Equina	CAUDAEQUINA	52590
Aorta	AORTA	3734	Celiac artery	A_CELIAC	50737
Arytenoid cartilage combined	ARYTENIDS	55109	Cerebellum	CEREBELLUM	67944
Arytenoid cartilage Left	ARYTENOID_L	55114	Cerebrum	CEREBRUM	62000
Arytenoid cartilage Right	ARYTENOID_R	55113	Cervix of uterus	CERVIX	17740
Azygos vein	V_AZYGOS	4838	Chest Wall	CHESTWALL	50060
Base of Tongue	BASEOFTONGUE	54645	Optic chiasm	CHIASM	62045
Bladder - Urinary	BLADDER	15900	Clavicle Left	CLAVICLE_L	13323
Bladder - Wall	BLADDERWALL	15902	Clavicle Right	CLAVICLE_R	13322
Small intestine	BOWEL	7200	Oculomotor nerve Left	CN_III_L	50880
Brachial Plexus combined	BRACHIALPS	5906	Oculomotor nerve Right	CN_III_R	50879
Brachial Plexus Left	BRACHIALP_L	65221	Glossopharyngeal nerve Left	CN_IX_L	50892
Brachial Plexus Right	BRACHIALP_R	65222	Glossopharyngeal nerve Right	CN_IX_R	50870
Brachiocephalic artery	A_BRACHIOCEPH H	3932	Trigeminal nerve Left	CN_V_L	50885
Brachiocephalic vein left	V_BRACHIOCEPH H_L	4761	Trigeminal nerve Left (V1)	CN_V1_L	52623
Brachiocephalic vein right	V_BRACHIOCEPH H_R	4751	Trigeminal nerve Left (V2)	CN_V2_L	52726
Brain	BRAIN	50801	Trigeminal nerve Left (V3)	CN_V3_L	52998
Brainstem	BRAINSTEM	79876	Trigeminal nerve Right	CN_V_R	50884
Breasts combined	BREASTS	9601	Trigeminal nerve Right (V1)	CN_V1_R	52622
Breast Left	BREAST_L	73125	Trigeminal nerve Right (V2)	CN_V2_R	52725
Breast Right	BREAST_R	73124	Trigeminal nerve Right (V3)	CN_V3_R	52997
Bronchial tree combined	BRONCHUSS	26660	Abducens nerve	CN_VI	50867
Bronchial tree Right	BRONCHUS_R	26661	Abducens nerve Left	CN_VI_L	50887
Bronchial tree Left	BRONCHUS_L	26662	Abducens nerve Right	CN_VI_R	50886
Atlas	VB_C1	12519	Facial nerve Left	CN_VII_L	50889
Axis	VB_C2	12520	Facial nerve Right	CN_VII_R	50888
Cervical Vertebra	VB_C3	12521	Spinal accessory nerve Left	CN_XI_L	50899
Cervical Vertebra	VB_C4	12522	Spinal accessory nerve Right	CN_XI_R	50897
Cervical Vertebra	VB_C5	12523	Hypoglossal nerve Left	CN_XII_L	50903
Cervical Vertebra	VB_C6	12524	Hypoglossal nerve Right	CN_XII_R	50901
Cervical Vertebra	VB_C7	12525	Cochleas combined	COCHLEAS	60201
Cervical Vertebra	VB_C8	23892	Cochlea Left	COCHLEA_L	60203
Carina of trachea	CARINA	7465	Cochlea Right	COCHLEA_R	60202
Atrium of the heart combined	ATRIUMS	7099	Large intestine	COLON	7201
Atrium of the heart left	ATRIUM_L	7097	Constrictor Muscle of Pharynx	CONSTRICATORS	46620
Atrium of the heart right	ATRIUM_R	7096	Cornea combined	CORNEAS	58238
Ventricle of the heart combined	VENTRICLES	7100	Cornea Left	CORNEA_L	58240
Ventricle of the heart left	VENTRICLE_L	7101	Cornea Right	CORNEA_R	58239
Ventricle of the heart right	VENTRICLE_R	7098	Penis - CORPUS CAVERNOSUM	CAVERNOSUM	75189
			Penis - CORPUS SPONGIOSUM	SPONGIOSUM	19617
			Cricoid cartilage	CRICOID	9615
			Diaphragm	DIAPHRAGM	13295
			Digastric muscle Left	DIGASTRIC_L	46293
			Digastric muscle Right	DIGASTRIC_R	46292

Duodenum	DUODENUM	7206	Internal iliac vein Left	V_ILIAC_I_L	18888
External Ear combined	EAR_EXTERNALS	52781	Internal iliac vein Right	V_ILIAC_I_R	18887
External Ear Left	EAR_EXTERNAL_L	53644	Ilium Left	ILIUM_L	16591
External Ear Right	EAR_EXTERNAL_R	53643	Ilium Right	ILIUM_R	16590
Middle Ear combined	EAR_MIDDLES	56513	Internal jugular vein	V_INTERNALJUG_L	4762
Middle Ear Left	EAR_MIDDLE_L	56515	Internal jugular vein	V_INTERNALJUG_R	4754
Middle Ear Right	EAR_MIDDLE_R	56514	Ischium Left	ISCHIUM_L	16594
Oesophagus	OESOPHAGUS	7131	Ischium Right	ISCHIUM_R	16593
Esophagus	ESOPHAGUS	7131	Inferior vena cava	IVC	10951
Eyeball Left	EYE_L	12515	Kidneys combined	KIDNEYS	264815
Eyeball Right	EYE_R	12514	Kidney Left	KIDNEY_L	7205
Femur bottom third Left	FEMBASE_L	32846	Kidney Right	KIDNEY_R	7204
Femur bottom third Right	FEMBASE_R	32845	Renal pelvis Left	KPELVIS_L	15579
Femur top third Left	FEMHEAD_L	32843	Renal pelvis Right	KPELVIS_R	15578
Femur top third Right	FEMHEAD_R	32842	Lumbar Vertebra	VB_L1	13072
Femur mid third Left	FEMSHAFT_L	32849	Lumbar Vertebra	VB_L2	13073
Femur mid third Right	FEMSHAFT_R	32848	Lumbar Vertebra	VB_L3	13074
Femur Left	FEMUR_L	24475	Lumbar Vertebra	VB_L4	13075
Femur Right	FEMUR_R	24474	Lumbar Vertebra	VB_L5	13076
Femur lower articular surface Left	FEMJOINT_L	35180	Lacrimal gland Left	LACRIMAL_L	59103
Femur lower articular surface Right	FEMJOINT_R	35179	Lacrimal gland Right	LACRIMAL_R	59102
Fibula combined	FIBULAS	24479	Anterior interventricular branch of LCA	A_LAD	3862
Fibula Left	FIBULA_L	24481	Larynx	LARYNX	55097
Fibula Right	FIBULA_R	24480	Lens Left	LENS_L	58243
Frontal cerebral lobe left	FRONTALL_L	72970	Lens Right	LENS_R	58242
Frontal cerebral lobe right	FRONTALL_R	72969	Liver	LIVER	7197
Gall bladder	GALLB	7202	Lymph nodes - H&N		
Hepatogastric ligament	GHL	16520	1a Submental combined	LN_HN_1a	223846
Vocal cords	GLOTTIS	55414	1a Submental Left	LN_HN_1a_L	235616
Heart	HEART	7088	1a Submental Right	LN_HN_1a_R	235614
Hippocampus combined	HIPPOCAMPUS	275020	1b Submandibular Left	LN_HN_1b_L	224001
Hippocampus Left	HIPPOCAMPUS_L	275024	1b Submandibular Right	LN_HN_1b_R	223999
Hippocampus Right	HIPPOCAMPUS_R	275022	fb Faciobuccal Left [9]	LN_HN_fb_L	223832
Humerus Left	HUMERUS_L	23131	fb Faciobuccal Right [9]	LN_HN_fb_R	223830
Humerus Right	HUMERUS_R	23130	2a Left	LN_HN_2a_L	241975
Hyoid bone	HYOID	52749	2a Right	LN_HN_2a_R	241973
Hypophyseal artery	A_HYPOPHYSEA_L	49849	2b Left	LN_HN_2b_L	241979
Hypothalamus	HYPOTHAMALUS	62008	2b Right	LN_HN_2b_R	241977
Common Iliac arterial tree	A_ILIAC	14764	rp retropharyngeal Left [7a]	LN_HN_rp_L	224033
Common iliac artery Left	A_ILIAC_C_L	14766	rp retropharyngeal Right [7a]	LN_HN_rp_R	224.31
Common iliac artery Right	A_ILIAC_C_R	14765	p parotid Left [8]	LN_HN_p_L	223806
Common iliac vein Left	V_ILIAC_C_L	21388	p parotid Right [8]	LN_HN_p_R	223804
Common iliac vein Right	V_ILIAC_C_R	21387	pa postauricular Left [10a]	LN_HN_pa_L	223794
External iliac artery Left	A_ILIAC_E_L	18807	pa postauricular Right [10a]	LN_HN_pa_R	223972
External iliac artery Right	A_ILIAC_E_R	18806	3 Left	LN_HN_3_L	241953
External iliac vein Left	V_ILIAC_E_L	18886	3 Right	LN_HN_3_R	241951
External iliac vein Right	V_ILIAC_E_R	18885	o occipital Left [10b]	LN_HN_o_L	223788
Internal iliac artery Left	A_ILIAC_I_L	18810	o occipital Right [10b]	LN_HN_o_R	223786
Internal iliac artery Right	A_ILIAC_I_R	18809	4 Left	LN_HN_4_L	241959

4 Right	LN_HN_4_R	241957	Mesorectum	MESORECTUM	7144
5 Left	LN_HN_5_L	241965	Mucosa	MUCOSA	85355
5 Right	LN_HN_5_R	241963	Occipital cerebral lobe left	OCCIPITALL_L	72976
LN_HN_1a1b2a2b345_fb_rp_p_pa_R/L			Occipital cerebral lobe right	OCCIPITALL_R	72975
Lymph nodes - axillary			Optic nerve Left	OPTICN_L	50878
Left	LN_AX_L	73250	Optic nerve Right	OPTICN_R	50875
Right	LN_AX_R	73249	Orbit Left	ORBIT_L	53083
Pectoral axillary lymphatics			Orbit Right	ORBIT_R	53082
Left	LN_AX1_L	73253	Ovary Left	OVARY_L	7214
Right	LN_AX1_R	73252	Ovary Right	OVARY_R	7213
Central axillary lymphatics			Pancreas	PANCREAS	7198
Left	LN_AX2_L	73263	Parametrium	PARAMETRIUM	77061
Right	LN_AX2_R	73262	Parietal cerebral lobe left	PARIETALLOBE_L	72974
Apical axillary lymphatics			Parietal cerebral lobe right	PARIETALLOBE_R	72973
Left	LN_AX3_L	73265	Parotid gland Left	PAROTID_L	59798
Right	LN_AX3_R	73264	Parotid gland Right	PAROTID_R	59797
LN_AX_R/L or LN_AX_123_R/L			Bony pelvis combined	PELVIS	16586
Lymph nodes - parasternal			Bony pelvis Left	PELVIS_L	20227
Left	LN_IMC_L	5934	Bony pelvis Right	PELVIS_R	20226
Right	LN_IMC_R	5933	Penis	PENIS	9707
Lymph nodes - para-aortic			Bulb of Penis	PENISBULB	19614
	LN_P_AORTIC_Tx		Pericardium	PERICARDIUM	9869
	Ly	278410	Perineum	PERINEUM	9579
	[sup]	278412	Peritoneal sac	PERITONEUM	9908
	[mid]	278404	Pineal body	PINEAL	62033
	[inf]		Pituitary gland	PITUITARY	13889
Lymph nodes - pelvis			Platysma Left	PLATYSMA_L	45740
- common iliac Left	LN_ILIAC_COM_L	224269	Platysma Right	PLATYSMA_R	45739
- common iliac Right	LN_ILIAC_COM_R	224271	Pons	PONS	67943
- external iliac Left	LN_ILIAC_EXT_L	229177	Porta hepatis	PORTA	15758
- external iliac Right	LN_ILIAC_EXT_R	229179	Prostate	PROSTATE	9600
- internal iliac Left	LN_ILIAC_INT_L	224275	Pterygoid m. Left lateral	PTERYGOIDL_L	49017
- internal iliac Right	LN_ILIAC_INT_R	224277	Pterygoid m. Right lateral	PTERYGOIDL_R	49016
- obturator Left	LN_OBT_L	16676	Pterygoid m. Left medial	PTERYGOIDM_L	49013
- obturator Right	LN_OBT_R	16676	Pterygoid m. Right medial	PTERYGOIDM_R	49012
- presacral	LN_PRESACRAL	234280	Pubic bone Left	PUBIS_L	16597
- inguinofemoral combined	LN_INGUINOFEM	236337	Pubic bone Right	PUBIS_R	16596
	S		Pulmonary artery	A_PULMONARY	66326
- inguinofemoral Right	LN_INGUINOFEM_R	236339	Pulmonary vein	V_PULMONARY	66643
- inguinofemoral Left	LN_INGUINOFEM_L	236341	Radius Left	RADIUS_L	23465
LN_PELVIS_IF_EI_IL_CI_O_PS_R/L			Radius Right	RADIUS_R	23464
Lungs combined	LUNGS	68877	Rectum	RECTUM	14544
Lung Left	LUNG_L	7310	Rectum	RECTUMWALL	14626
Lung Right	LUNG_R	7309	Retina Left	RETINA_L	58303
Lung - lower lobe of left	LUNG_LLL	7371	Retina Right	RETINA_R	58302
Lung - upper lobe of left	LUNG_LUL	7370	First Rib Left	RIB1_L	7987
Lung - lower lobe of right	LUNG_RLL	7337	First Rib Right	RIB1_R	7857
Lung - middle lobe of right	LUNG_RML	7383	Tenth rib Left	RIB10_L	8472
Lung - upper lobe of right	LUNG_RUL	7333	Tenth rib Right	RIB10_R	8445
Mandible	MANDIBLE	52748	Eleventh rib Left	RIB11_L	8532
Masseter Left	MASSETER_L	48998	Eleventh rib Right	RIB11_R	8531
Masseter Right	MASSETER_R	48997	Twelfth rib Left	RIB12_L	8534

Twelfth rib Right	RIB12_R	8533		S	
Second rib Left	RIB2_L	8012	Thoracic Vertebra	VB_T1	9165
Second rib Right	RIB2_R	7882	Thoracic Vertebra	VB_T2	9187
Third rib Left	RIB3_L	8039	Thoracic Vertebra	VB_T3	9209
Third rib Right	RIB3_R	7909	Thoracic Vertebra	VB_T4	9248
Fourth rib Left	RIB4_L	8148	Thoracic Vertebra	VB_T5	9922
Fourth rib Right	RIB4_R	7957	Thoracic Vertebra	VB_T6	9945
Fifth rib Left	RIB5_L	8093	Thoracic Vertebra	VB_T7	9968
Fifth rib Right	RIB5_R	8066	Thoracic Vertebra	VB_T8	9991
Sixth rib Left	RIB6_L	8202	Thoracic Vertebra	VB_T9	10014
Sixth rib Right	RIB6_R	8175	Thoracic Vertebra	VB_T10	10037
Seventh rib Left	RIB7_L	8256	Thoracic Vertebra	VB_T11	10059
Seventh rib Right	RIB7_R	8229	Thoracic Vertebra	VB_T12	10081
Eighth rib Left	RIB8_L	8310	Temporomandibular joint	TMJs	54832
Eighth rib Right	RIB8_R	8283	Temporomandibular joint	TMJ_L	54834
Ninth rib Left	RIB9_L	8391	left		
Ninth rib Right	RIB9_R	8364	Temporomandibular joint	TMJ_R	54833
Sacral Vertebra	VB_S1	13077	Temporal cerebral lobe Left	TEMPORALL_L	72972
Sacral Vertebra	VB_S2	13078	Temporal cerebral lobe	TEMPORALL_R	72971
Sacral Vertebra	VB_S3	13079	Right		
Sacral Vertebra	VB_S4	13080	Testis Left	TESTIS_L	7212
Sacral Vertebra	VB_S5	13081	Testis Right	TESTIS_R	7211
Sacrum	SACRUM	16202	Thoracic Duct	THORACICDUCT	5031
Scapula Left	SCAPULA_L	13396	Thyroid	THYROID	9603
Scapula Right	SCAPULA_R	13395	Thyroid cartilage	THYROID_C	55099
Scrotum (skin & cremasteric fascia)	SCROTUM	18252	Trachea	TRACHEA	7394
Seminal vesicle	SV	19387	Ureter Left	URETER_L	17888
Skin	SKIN	7163	Ureter Right	URETER_R	17887
Small intestines	SMALLBOWEL	7200	Urethra	URETHRA	19667
Vertebral canal	SPINALCANAL	9680	Uterus	UTERUS	17558
Spinal cord combined	SPINALCORD	7647	Vagina	VAGINA	19949
Spinal cord cervical	SPINALCORD_C	71166	Vulva (includes mons pubis)	VULVA	20462
Spinal cord thoracic	SPINALCORD_T	71167			
Spinal cord lumbar	SPINALCORD_L	71168			
Spinal cord sacral	SPINALCORD_S	256623			
Spleen	SPLEEN	7196			
Splenic hilum	SPLEENHILUM	15841	Added MUCOSA	13-11-2015	
Sternocleidomastoid Left	SCM_L	13409			
Sternocleidomastoid Right	SCM_R	13408			
Stomach	STOMACH	7148			
Subclavian artery left	A_SUBCLAV_L	4694			
Subclavian artery right	A_SUBCLAV_R	3953			
Subclavian vein right	V_SUBCLAV_R	4755			
Subclavian vein left	V_SUBCLAV_L	4763			
Sublingual glands combined	SUBLINGS	59791			
Sublingual gland Left	SUBLING_L	59805			
Sublingual gland Right	SUBLING_R	59804			
Submandibular gland Left	SUBMAND_L	59803			
Submandibular gland Right	SUBMAND_R	59802			
Superior mesenteric artery	A_SMA	14749			
Superior vena cava	V_SVC	4720			
Symphysis pubis	PUBICSYMPHYSI	16950			

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District

Illawarra Cancer Care Centre &
Shoalhaven Cancer Care Centre



Health
Illawarra Shoalhaven
Local Health District