COSD mapping for Appendix E: Reporting proforma for testicular cancer (orchidectomy) in list format

RCPath Data set item element name	Values	Implementation comments	COSD Pathology v4.0.2 (2020)	COSD Pathology v5.1.1 (2024)
Surname			*CR0050 - Person Family Name*	*CR0050 - Person Family Name*
Forenames			*CR0060 - Person Given Name*	*CR0060 - Person Given Name*
Date of birth			*CR0100 - Person Birth Date*	*CR0100 - Person Birth Date*
Sex			*CR3170 - Person Stated Gender Code*	*CR3170 - Person Stated Gender Code*
Hospital			*pCR0800 - Organisation Identifier (of Reporting Pathologist)*	*pCR0800 - Organisation Identifier (of Reporting Pathologist)*
Hospital no			*CR0020 - Local Patient Identifier*	*CR0020 - Local Patient Identifier*
NHS/CHI no		*CHI number not recorded in COSD*	*CR0010 - NHS Number*	*CR0010 - NHS Number*
Date of receipt			*pCR0770 - Sample Receipt Date*	*pCR0770 - Sample Receipt Date*
Date of reporting			*pCR0780 - Investigation Result Date*	*pCR0780 - Investigation Result Date*
Report no			*pCR0950 - Service Report Identifier*	*pCR0950 - Service Report Identifier*
Pathologist			*pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)*	*pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)*

			pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)	*pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)*
Surgeon			Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Nature of specimen/procedure	Single selection value list:		*pCR0760 – Pathology Investigation Type (All values)*	*pCR0760 – Pathology Investigation Type (All values)*
	Biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	Radical orchidectomy		RE (Radical Excision)	RE (Radical Excision)
	Partial orchidectomy		PE (Partial excision)	PE (Partial excision)
			pCR0970 – Specimen Nature (All values)	*pCR0970 – Specimen Nature (All values)*
			1 (Primary tumour)	1 (Primary tumour)
Specimen laterality	Single selection value list:		*pCR0820 - Tumour Laterality (Pathological)*	*pCR0820 - Tumour Laterality (Pathological)*
	Right		R - Right	R - Right
	Left		L - Left	L - Left
Tumour location	Free text		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Tumour description	Free text		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Macroscopic tunica vaginalis invasion	Single selection value list:		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	Present			
	Not identified			

	cannot be assessed		recorded within **pCR1020 - Pathology Report Text**	recorded within **pCR1020 - Pathology Report Text**
Cord invasion	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
	Present			
	Not identified			
	cannot be assessed			
Tumour focality	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
	Multifocal			
	Unifocal			
	Indeterminate			
	Cannot be assessed			
Maximum tumour size	Size in mm		**pCR0830 - Lesion Size (Pathological)**	**pCR0830 - Lesion Size (Pathological)**
Percentage of tumour element present, Seminoma	Integer		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
Percentage of tumour element present, Embryonal carcinoma	Integer		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
Percentage of tumour element present, Yolk sac tumour, post-pubertal type	Integer		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
Percentage of tumour element present, Choriocarcinoma	Integer		Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**	Not in the COSD Pathology data set, although could be recorded within **pCR1020 - Pathology Report Text**
Percentage of tumour element present,	Integer		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

Teratoma, post-pubertal type			recorded within ***pCR1020 - Pathology Report Text***	recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Scar/necrosis/non-viable germ cell tumour	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Regressed germ cell tumour	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Teratoma with somatic type malignancy	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Leydig cell tumour	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Sertoli cell tumour	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Spermatocytic tumour	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***
Percentage of tumour element present, Teratoma, pre-pubertal type	Integer		Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***	Not in the COSD Pathology data set, although could be recorded within ***pCR1020 - Pathology Report Text***

Percentage of tumour element present, Teratoma, pre-pubertal type (dermoid cyst)	Integer		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Percentage of tumour element present, teratoma pre-pubertal type (epidermoid cyst)	Integer		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Percentage of tumour element present, Yolk sac tumour, pre-pubertal type	Integer		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Maximum tumour dimension	Size in mm		*pCR0830 - Lesion Size (Pathological)*	*pCR0830 - Lesion Size (Pathological)*
Lymphovascular invasion	**Single selection value list:**		*pCR0870 - Cancer Vascular or Lymphatic Invasion*	*pCR0870 - Cancer Vascular or Lymphatic Invasion*
	Present		YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion present
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
	cannot be assessed			
Lymphovascular invasion present, element involved	**Multiple selection value list:**	*Only applicable if 'Lymphovascular invasion, Present' is selected.*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Embryonal carcinoma			
	Yolk sac tumour			
	Choriocarcinoma			
	Teratoma			
	Seminoma			
	Cannot be assessed			
Rete testis stroma invasion	**Single selection value list:**		*pUR15310 - Rete Testes Invasion*	*pUR15310 - Rete Testes Invasion*
	Present		Y - Yes (Present)	Y - Yes (Present)

	Not identified		N - No (Not identified)	N - No (Not identified)
	Cannot be assessed		X - Not applicable (Cannot be assessed)	X - Not applicable (Cannot be assessed)
Hilar soft tissue invasion	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
Direct spermatic cord invasion	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
Separate soft tissue deposit in the spermatic cord	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
Microscopic tunica vaginalis invasion	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
Epididymis invasion	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
GCNIS identified	**Single selection value list:**		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Present			
	Not identified			
	Cannot be assessed			
Spermatic cord margin status	**Single selection value list:**	*Only applicable if 'Nature of specimen/procedure, Radical orchidectomy' is selected.*	Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	Involved			
	Not involved			

			recorded within *pCR1020 - Pathology Report Text*	recorded within *pCR1020 - Pathology Report Text*
Margin status	Single selection value list:	*Only applicable if 'Nature of specimen/procedure, Partial orchidectomy' is selected.*	***pCR0880 - Excision Margin***	***pCR0880 - Excision Margin***
	Involved		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	Not involved		01 - Excision margins are clear (distance from margin not stated)	01 - Excision margins are clear (distance from margin not stated)
	Uncertain		06 - Uncertain	06 - Uncertain
	Not applicable		98 - Not applicable	98 - Not applicable
Distance to margin	Size in mm	*Only applicable if 'Margin status, Not involved' is selected.*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
Tumour viability (post-chemotherapy only)	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*
	Viable			
	Non or semi-viable			
pT Category	Single selection value list:		***pCR0910 - T Category (Pathological)*** = pT	***pCR0910 - T Category (Pathological)*** = pT
	pTX, pT0, pTis, pT1, pT2, pT3, pT4			
TNM edition number used	UICC8, UICC9	Within COSD, version number and edition are separate but should be reported together	***pCR6820 - TNM Version Number (Pathological)***	***pCR6820 - TNM Version Number (Pathological)***
			pCR6980 - TNM Coding Edition	***pCR6980 - TNM Coding Edition***
SNOMED topography code	T...	May have multiple codes. Look up from SNOMED tables.	***pCR6410 - Topography (SNOMED) Pathology*** = T	***pCR6410 - Topography (SNOMED) Pathology*** = T
SNOMED morphology code	M...	May have multiple codes. Look up from SNOMED tables.	***pCR6420 - Morphology (SNOMED) Pathology*** = M	***pCR6420 - Morphology (SNOMED) Pathology*** = M

Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text