

COSD mapping for Appendix G: Reporting proforma for penile tumours 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 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 report authorisation			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 -	pCR7120 - Professional Registration Entry Identifier -

			Consultant (Pathology Test Requested By)	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)
	small incision/punch biopsy		PB (Punch biopsy) or IB (Incisional biopsy)	PB (Punch biopsy) or IB (Incisional biopsy)
	excision biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	circumcision		EX (Excision)	EX (Excision)
	glans resurfacing		EX (Excision)	EX (Excision)
	glansectomy		EX (Excision)	EX (Excision)
	partial penectomy		PE (Partial excision)	PE (Partial excision)
	radical penectomy		RE (Radical excision)	RE (Radical excision)
	site not specified		99 (Other)	99 (Other)
	other		99 (Other)	99 (Other)
			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
			1 (Primary tumour)	1 (Primary tumour)
Nature of specimen/procedure, other (specify)	Free Text	<i>Only applicable if 'Nature of specimen/procedure: other' selected</i>	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
Other tissues/organs included	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
	Single selection value list:			

Tumour location	glans penis		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
	sulcus			
	foreskin			
Maximum tumour width, macroscopic	Size in mm		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 width, macroscopic, not assessable	Single selection value list:	<i>If 'Tumour thickness, macroscopic' is given, value is 'No'</i>	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
	Yes			
	No			
Tumour thickness, macroscopic	Size in mm		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 thickness, macroscopic, not assessable	Single selection value list:	<i>If 'Tumour thickness, macroscopic' is given, value is 'No'</i>	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
	Yes			
	No			
Number of Tumours	Integer	<i>If 'Number of tumours' is >0, value is 'No'</i>	pCR0840 - Synchronous Tumour Indicator	pCR0840 - Synchronous Tumour Indicator
			Y - Yes, synchronous tumours present	Y - Yes, synchronous tumours present
			N - No, no synchronous tumours present	N - No, no synchronous tumours present
			9 - Not known	9 - Not known
Tumour subtypes	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
	HPV-independent squamous cell carcinoma			
	HPV-associated squamous cell carcinoma			
	Squamous cell carcinoma NOS			

	Adenosquamous carcinoma			
	Mucinous carcinoma			
	Specify			
Tumour subtypes, other	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
Degree of differentiation	Single selection value list:		pCR0860 - Grade of Differentiation (PATHOLOGICAL)	pCR0860 - Grade of Differentiation (PATHOLOGICAL)
	well differentiated (Grade 1)		G1 - Well differentiated	G1 - Well differentiated
	moderately differentiated (Grade 2)		G2 - Moderately differentiated	G2 - Moderately differentiated
	poorly differentiated (Grade 3)		G3 - Poorly differentiated	G3 - Poorly differentiated
	sarcomatoid areas present		G4 - Undifferentiated / anaplastic	G4 - Undifferentiated / anaplastic
Maximum tumour width, microscopic	Size in mm		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 width, microscopic, not assessable	Single selection value list:	If 'Tumour thickness, microscopic' is given, value is 'No'	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
	Yes			
	No			
Maximum tumour thickness, microscopic	Size in mm		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 thickness, microscopic, not assessable	Single selection value list:	If 'Maximum tumour thickness, microscopic' is given, value is 'No'	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
	Yes			
	No			

Associated PeIN	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			
Subtype of PeIN	Single selection value list:	<i>Not applicable if 'Associated PeIN is not identified or cannot be assessed'</i>	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
	HPV-independent			
	HPV-associated			
	not applicable			
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
			XX - Cannot be assessed	XX - Cannot be assessed
Perineural invasion	Single selection value list:		Not available in COSD Pathology v4.0.2 for Penile Cancer, although could be recorded within pCR1020 - Pathology Report Text	pCR1100 - Perineural Invasion
	Present			1 - Present
	Not identified			2 - Not identified
Subepithelial invasion by tumour	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
	Yes			
	No			
Invasion of corpus spongiosum	Single selection value list:		pUR15180 - Corpus Spongiosum Invasion	pUR15180 - Corpus Spongiosum Invasion
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
Invasion of corpus cavernosum	Single selection value list:		pUR15190 - Corpus Cavernosum Invasion	pUR15190 - Corpus Cavernosum Invasion
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No

Urethral invasion	Single selection value list:		<i>pUR15200 - Urethra or Prostate Invasion</i>	<i>pUR15200 - Urethra or Prostate Invasion</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
Invasion of adjacent structures	Single selection value list:		<i>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</i>	<i>Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text</i>
	Yes			
	No			
Urethral margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from urethral margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
Periurethral tissue margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from periurethral tissue margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
Corpus cavernosum margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from corpus cavernosum margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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

Circumferential shaft margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from circumferential shaft margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
Peripheral cutaneous margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from peripheral cutaneous margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
Peripheral glans margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from peripheral glans margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
Deep margin (NOS)	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
	Involved			
	Not involved			
	not assessable/applicable			
Distance from deep margin (NOS)	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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

Other margin	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
	Involved			
	Not involved			
	not assessable/applicable			
Other margin, specify	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
Distance from other margin	Size in mm	<i>Only recorded when distance is 5 mm or less</i>	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
PeIN at margin	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
	Yes			
	No			
	Cannot be assessed			
Site of PeIN positive margins	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
Modified UICC TNM version 9 pT stage	pTX, pT0, pTis, pTa, pT1a, pT1b, pT2, pT3, pT4	<i>pTis is used for PeIN.</i>	pCR0910 - T Category (Pathological) = pT	pCR0910 - T Category (Pathological) = pT
TNM edition number used	Free text	<i>Within COSD, version number and edition are separate but should be reported together</i>	pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)	pCR6820 - TNM VERSION NUMBER (PATHOLOGICAL)
			pCR6980 - TNM CODING EDITION	pCR6980 - TNM CODING EDITION
SNOMED topography code	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	pCR6410 - Topography (SNOMED) Pathology = T	pCR6410 - Topography (SNOMED) Pathology = T
SNOMED morphology code	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	pCR6420 - Morphology (SNOMED) Pathology = M	pCR6420 - Morphology (SNOMED) Pathology = M

SNOMED procedure code		<i>May have multiple codes. Look up from SNOMED tables.</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Further comments	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>