COSD mapping for Appendix E1: Reporting proforma for cutaneous invasive squamous cell carcinoma removed with therapeutic intent 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 - 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*
Clinical site	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*
Maximum clinical dimension/diameter	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*
Specimen type	**Single selection value list:**		*pCR0760 – Pathology Investigation Type (All values)*	*pCR0760 – Pathology Investigation Type (All values)*
	Not stated			
	Incision, Diagnostic		IB - Incisional Biopsy	IB - Incisional Biopsy
	Excision, Diagnostic		EX - Excision	EX - Excision
	Excision, Therapeutic		EX - Excision	EX - Excision
	Excision, Uncertain		EX - Excision	EX - Excision
	Re-excision		FE - Further Excision	FE - Further Excision
	Wider local excision		EX - Excision or FE - Further Excision	EX - Excision or FE - Further Excision
	Punch, Diagnostic		PB - Punch Biopsy	PB - Punch Biopsy
	Punch, Therapeutic		PB - Punch Biopsy	PB - Punch Biopsy
	Punch, Uncertain		PB - Punch Biopsy	PB - Punch Biopsy
	Curettings, Diagnostic		CU - Curettage	CU - Curettage
	Curettings, Therapeutic		CU - Curettage	CU - Curettage
	Curettings, Uncertain		CU - Curettage	CU - Curettage

	Shave, Diagnostic		SB - Shave Biopsy	SB - Shave Biopsy
	Shave, Therapeutic		SB - Shave Biopsy	SB - Shave Biopsy
	Shave, Uncertain		SB - Shave Biopsy	SB - Shave Biopsy
	Other		99 - Uncertain/other	99 - Uncertain/other
			pCR0970 – Specimen Nature (All values)	*pCR0970 – Specimen Nature (All values)*
			1 (Primary tumour)	1 (Primary tumour)
Specimen type, Other, Specify	Free text	*Only applicable if 'Specimen type, Other' 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*
Dimension of specimen, Length	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*
Dimension of specimen, Breadth	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*
Dimension of specimen, Depth	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 diameter of lesion	Size in mm		*pCR0830 - Lesion Size (Pathological)*	*pCR0830 - Lesion Size (Pathological)*
Lesion dimension not given, reason	**Single selection value list:**	*Not applicable if value given for 'Maximum dimension of lesion'.*	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*
	Uncertain			
	No lesion seen			
	Not applicable			
Subtype	**Single selection value list:**		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	No special type (classic)			

	No special type (classic) with adjacent Bowen's		recorded within *pCR1020 - Pathology Report Text*	recorded within *pCR1020 - Pathology Report Text*
	Verrucous			
	Acantholytic (pseudoglandular/adenoid/ pseudovascular)			
	Desmoplastic			
	Spindle/sarcomatoid/metaplastic			
	Keratoacanthomatous-like			
	Follicular			
	Adenosquamous (SCC with divergent differentiation)			
	Other			
Subtype, Other, specify	Free text	*Only applicable if 'Subtype, Other' 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*
Grade	**Single selection value list:**		***pCR0860 - Grade of Differentiation (Pathological)***	***pCR0860 - Grade of Differentiation (Pathological)***
	Well differentiated		G1 - Well differentiated	G1 - Well differentiated
	Moderately differentiated		G2 - Moderately differentiated	G2 - Moderately differentiated
	Poorly differentiated		G3 - Poorly differentiated	G3 - Poorly differentiated
	Uncertain			
	Cannot be assessed		GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed
Thickness	**Single selection value list:**		***pSK12565 - Lesion Vertical Thickness Greater Than 2mm Indicator***	***pSK12720 - Lesion Thickness Indicator***

	≤2 mm		N - No (Less than or equal to 2mm)	1 - Less than or equal to 2mm
	>2–4 mm		Y - Yes (Greater than 2mm)	2 - Greater than 2mm but less than or equal to 4mm
	>4–6 mm		Y - Yes (Greater than 2mm)	3 - Greater than 4mm but less than or equal to 6mm
	>6 mm		Y - Yes (Greater than 2mm)	4 - Greater than 6mm
	Uncertain		U - Uncertain	U - Uncertain
	Cannot be assessed		X - Cannot be assessed	X - Cannot be assessed
Level of invasion	**Multiple 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*
	Dermis			
	Subcutaneous fat			
	Beyond subcutaneous fat			
	Not identified			
	Uncertain			
	Cannot be assessed			
Level of invasion beyond subcutaneous fat	**Multiple selection value list:**	*Only applicable if 'Level of invasion beyond subcutaneous fat' 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*
	Fascia			
	Muscle			
	Perichondrium			
	Cartilage			
	Paratendon/tendon			
	Periosteum			
	Bone			
Minor bone erosion	**Single selection value list:**	*Only applicable if 'Level of invasion beyond subcutaneous fat, Bone' 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*
	Present			
	Not identified			
	Uncertain			
	Cannot be assessed			
	Not applicable			
	Single selection value list:			

Gross cortical/marrow invasion	Present	*Only applicable if 'Level of invasion beyond subcutaneous fat, Bone' 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*
	Not identified			
	Uncertain			
	Cannot be assessed			
	Not applicable			
Axial/skull base/foraminal invasion	Single selection value list:	*Only applicable if 'Level of invasion beyond subcutaneous fat, Bone' 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*
	Present			
	Not identified			
	Uncertain			
	Cannot be assessed			
	Not applicable			
Perineural invasion	Single selection value list:		*pSK12530 - Perineural Invasion*	*pCR1100 - Perineural Invasion*
	Present		Y - Yes	1 - Present
	Not identified		N - No	2 - Not Identified
	Uncertain			3 - Uncertain
	Cannot be assessed		X - Cannot be assessed	X - Cannot be assessed
	Not applicable			8 - Not Applicable
Perineural invasion, criteria to upstage to pT3	Single selection value list:	*Only applicable if 'Perineural invasion, Present' is selected.*	Not in the COSD Pathology data set (retired from v4.0.2), although could be recorded within *pCR1020 - Pathology Report Text*	Not in the COSD Pathology data set (retired from v4.0.2), although could be recorded within *pCR1020 - Pathology Report Text*
	Yes			
	No			
Perineural invasion, features	Multiple selection value list:	*Only applicable if 'Perineural invasion, criteria to upstage to pT3' is selected.*	Not in the COSD Pathology data set, although could be recorded within *pCR1020 - Pathology Report Text*	*pSK12700 - Skin Cancer Perineural Invasion Indicator*
	Named nerve			1 - Named nerve
	≥0.1 mm			2 - ≥0.1 mm
	Beyond dermis			3 - Beyond dermis
	Single selection value list:		*pCR0870 - Caner Vascular or Lymphatic Invasion*	*pCR0870 - Caner Vascular or Lymphatic Invasion*

Lymphovascular 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
	Uncertain	UU - Uncertain whether vascular/lymphatic invasion is present or not	UU - Uncertain whether vascular/lymphatic invasion is present or not
	Cannot be assessed	XX - Cannot be assessed	XX - Cannot be assessed
Margins, Peripheral	**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 but <1 mm		
	Not involved 1–5 mm		
	Not involved >5 mm		
	Uncertain		
	Not applicable		
Margins, Deep	**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 but <1 mm		
	Not involved 1–5 mm		
	Not involved >5 mm		
	Uncertain		
	Not applicable		
Basis of diameter measurement	**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*
	Clinical		
	Macroscopic		
	Microscopic		
Dimension	**Single selection value list:**	*pSK12537 - Lesion Diameter Greater Than 20mm Indicator*	*pSK12710 - Maximum Dimension/Diameter of Lesion*

			N - No (Less than or equal to 20mm)	1 - Less than or equal to 20mm
	>20 – ≤40 mm		Y - Yes (Greater than 20mm)	2 - Greater than 20mm but less than or equal to 40mm
	>40 mm		Y - Yes (Greater than 20mm)	3 - Greater than 40mm
	Uncertain		U - Uncertain	3 - Uncertain
	Cannot be assessed		X - Cannot be assessed	X - Cannot be assessed
pT Category	**Single selection value list:**		*pCR0910 - T Category (Pathological)* = pT	*pCR0910 - T Category (Pathological)* = pT
	pTX, pT0, pT1, pT2, pT3, pT4a, pT4b			
	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*