

## COSD mapping for Appendix E1: Reporting proforma for cutaneous malignant melanoma in list format

RCPATH Data set item element name	Values	Implementation comments	COSD Pathology v4.0.2 (2020)	COSD Pathology v5.1.1 (2024)
<b>Surname</b>			CR0050 - Person Family Name	CR0050 - Person Family Name
<b>Forenames</b>			CR0060 - Person Given Name	CR0060 - Person Given Name
<b>Date of birth</b>			CR0100 - Person Birth Date	CR0100 - Person Birth Date
<b>Sex</b>			CR3170 - Person Stated Gender Code	CR3170 - Person Stated Gender Code
<b>Hospital</b>			pCR0800 - Organisation Identifier (of Reporting Pathologist)	pCR0800 - Organisation Identifier (of Reporting Pathologist)
<b>Hospital no</b>			CR0020 - Local Patient Identifier	CR0020 - Local Patient Identifier
<b>NHS no</b>		CHI number not recorded in COSD	CR0010 - NHS Number	CR0010 - NHS Number
<b>Date of receipt</b>			pCR0770 - Sample Receipt Date	pCR0770 - Sample Receipt Date
<b>Date of report authorisation</b>			pCR0780 - Investigation Result Date	pCR0780 - Investigation Result Date
<b>Report no</b>			pCR0950 - Service Report Identifier	pCR0950 - Service Report Identifier
<b>Pathologist</b>			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)
<b>Surgeon</b>			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
<b>Clinical site</b>	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
<b>Specimen type</b>	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)
<b>Specimen type, Other, Specify</b>	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
<b>Dimension of specimen, Length</b>	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
<b>Dimension of specimen, Breadth</b>	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
<b>Dimension of specimen, Depth</b>	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
<b>Maximum diameter of lesion</b>	Size in mm		pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)
<b>Lesion dimension not given, reason</b>	Single selection value list:	Not applicable if value given for ‘Dimensions 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			
<b>Maximum elevation of lesion</b>	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
	Single selection value list:			

<b>Atypical features</b>	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			
	Uncertain			
<b>Atypical features, details</b>	Free text	Only applicable if 'Atypical features, Yes' 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
<b>Histological subtype</b>	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
	IN SITU: Lentigo maligna			
	IN SITU: Superficial spreading melanoma in situ			
	IN SITU: Acral lentiginous melanoma in situ			
	IN SITU: Melanoma in situ, not otherwise specified			
	IN SITU: Melanoma, in situ, other			
	INVASIVE: Lentigo maligna melanoma			
	INVASIVE: Superficial spreading			
	INVASIVE: Nodular			
	INVASIVE: Acral lentiginous			
	INVASIVE: Desmoplastic			
	INVASIVE: Malignant melanoma, not otherwise classified			
	INVASIVE: Malignant melanoma, other			

<b>Histological subtype, Other melanoma in situ, specify</b>	Free text	Only applicable if 'Histological subtype, IN SITU: Melanoma, 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
<b>Histological subtype, Other malignant melanoma, specify</b>	Free text	Only applicable if 'Histological subtype, INVASIVE: Malignant melanoma, 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
<b>Breslow thickness (depth)</b>	Size in mm	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSK12630 - Breslow Thickness	pSK12630 - Breslow Thickness
<b>Ulceration</b>	Single selection value list:	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSK12580 - Ulceration Indicator	pSK12580 - Ulceration Indicator
	Not identified		N - No	2 - Not Identified
	Present		Y - Yes	1 - Present
	Uncertain		U - Uncertain	U - Uncertain
	Cannot be assessed		X - Cannot be assessed	X - Cannot be assessed
<b>Mitotic index</b>	Number	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSK12590 - Mitotic Rate (Skin)	pSK12590 - Mitotic Index (Skin)
<b>Lymphovascular invasion</b>	Single selection value list:	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pCR0870 - Cancer Vascular or Lymphatic Invasion	pCR0870 - Cancer Vascular or Lymphatic Invasion
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
	Present		YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion 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
	Single selection value list:		pSK12600 - Microsatellite or In-Transit Metastasis	pSK12600 - Microsatellite or In-Transit Metastasis

<b>Microsatellite/in-transit metastasis</b>	Not identified	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	N - No	2 - Not Identified
	Present		Y - Yes	1 - Present
	Uncertain		U - Uncertain	U - Uncertain
	Not applicable		X - Cannot be assessed	X - Cannot be assessed
<b>Microsatellite/in-transit metastasis, Margin</b>	Single selection value list:	Only applicable if 'Microsatellite/in-transit metastasis, 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
	Involved			
	Not involved			
	Uncertain			
<b>Neurotropic/perineural invasion</b>	Cannot be assessed	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text	pCR1 100 - Perineural Invasion
	Single selection value list:			2 - Not Identified
	Not identified			1 - Present
	Present			3 - Uncertain
	Uncertain			X - Cannot be assessed
<b>Growth phase</b>	Cannot be assessed	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	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:			
	Radial (micro-invasive melanoma)			
	Vertical			
<b>Tumour-infiltrating lymphocytes</b>	Uncertain	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSK12430 - Tumour Infiltrating Lymphocytes (TILS)	pSK12430 - Tumour Infiltrating Lymphocytes (TILS)
	Single selection value list:			
	Absent			
	Non-brisk			
<b>Regression</b>	Brisk		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:			
	Not identified			
	Present			
	Uncertain			
	Cannot be assessed			

<b>Margins, Peripheral, In-situ component</b>	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 $\geq$ 1 mm			
	Uncertain			
	Not applicable			
<b>Margins, Peripheral, In-situ component, distance</b>	Size in mm	Only applicable if 'Margins, Peripheral, In-situ component, Not involved $\geq$ 1 mm' 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
<b>Margins, Peripheral, Invasive component, peripheral</b>	Single selection value list:	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	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 $\geq$ 1 mm			
	Uncertain			
	Not applicable			
<b>Margins, Peripheral, Invasive component, distance</b>	Size in mm	Only applicable if 'Margins, Peripheral, Invasive component, Not involved $\geq$ 1 mm' 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
<b>Margins, Deep</b>	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 $\geq$ 1 mm			
	Uncertain			
	Not applicable			
<b>Margins, Deep, distance</b>	Size in mm	Only applicable if 'Margins, Deep, Not involved $\geq$ 1 mm' 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

<b>pT Category</b>	Single selection value list:		pCR0910 - TCategory (Pathological) = pT	pCR0910 - TCategory (Pathological) = pT
	pTX, pT0, pT1a, pT1b, pT1c, pT2, pT3, pT4			
	UICC8, UICC9	Within COSD, version number and edition are separate but should be reported together	pCR6820 - TNMVersion Number (Pathological)	pCR6820 - TNMVersion Number (Pathological)
			pCR6980 - TNMCoding Edition	pCR6980 - TNMCoding Edition
<b>SNOMED topography code</b>	T...	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology = T	pCR6410 - Topography (SNOMED) Pathology = T
<b>SNOMED morphology code</b>	M...	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology = M	pCR6420 - Morphology (SNOMED) Pathology = M
<b>Further comments</b>	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text