

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)
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
Specimen type	Single selection value list: Not stated Incision, Diagnostic Excision, Diagnostic Excision, Therapeutic Excision, Uncertain Re-excision Wider local excision Punch, Diagnostic Punch, Therapeutic Punch, Uncertain Curettings, Diagnostic Curettings, Therapeutic Curettings, Uncertain Shave, Diagnostic Shave, Therapeutic Shave, Uncertain		pCR0760 – Pathology Investigation Type (All values) IB - Incisional Biopsy EX- Excision EX- Excision EX- Excision EX- Excision FE - Further Excision EX- Excision or FE - Further Excision PB - Punch Biopsy PB - Punch Biopsy PB - Punch Biopsy CU - Curettage CU - Curettage CU - Curettage SB - Shave Biopsy SB - Shave Biopsy SB - Shave Biopsy	pCR0760 – Pathology Investigation Type (All values) IB - Incisional Biopsy EX- Excision EX- Excision EX- Excision EX- Excision FE - Further Excision EX- Excision or FE - Further Excision PB - Punch Biopsy PB - Punch Biopsy PB - Punch Biopsy CU - Curettage CU - Curettage CU - Curettage SB - Shave Biopsy 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 '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			
Maximum elevation of lesion	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:			

Atypical features	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			
Atypical features, details	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
Histological subtype	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			

Histological subtype, Other melanoma in situ, specify	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
Histological subtype, Other malignant melanoma, specify	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
Breslow thickness (depth)	Size in mm	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSKI2630 - Breslow Thickness	pSKI2630 - Breslow Thickness
Ulceration	Single selection value list:	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSKI2580 - Ulceration Indicator	pSKI2580 - 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
Mitotic index	Number	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSKI2590 - Mitotic Rate (Skin)	pSKI2590 - Mitotic Index (Skin)
Lymphovascular invasion	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:		pSKI2600 - Microsatellite or In-Transit Metastasis	pSKI2600 - Microsatellite or In-Transit Metastasis

Microsatellite/in-transit metastasis	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
Microsatellite/in-transit metastasis, Margin	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			
	Cannot be assessed			
Neurotropic/perineural invasion	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	pCR100 - Perineural Invasion
	Not identified			2 - Not Identified
	Present			1 - Present
	Uncertain			3 - Uncertain
	Cannot be assessed			X - Cannot be assessed
Growth phase	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
	Radial (micro-invasive melanoma)			
	Vertical			
	Uncertain			
Tumour-infiltrating lymphocytes	Single selection value list:	Only applicable if an 'INVASIVE' option is selected for 'Histological subtype'.	pSKI2430 - Tumour Infiltrating Lymphocytes (TILS)	pSKI2430 - Tumour Infiltrating Lymphocytes (TILS)
	Absent		A - Absent	A - Absent
	Non-brisk		N - Non-Brisk	N - Non-Brisk
	Brisk		B - Brisk	B - Brisk
	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
Regression	Not identified			
	Present			
	Uncertain			
	Cannot be assessed			

Margins, Peripheral, In-situ component	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			
Margins, Peripheral, In-situ component, distance	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
Margins, Peripheral, Invasive component, peripheral	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
	Involved			
	Not involved but <1 mm			
	Not involved \geq 1 mm			
	Uncertain			
	Not applicable			
Margins, Peripheral, Invasive component, distance	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
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 \geq 1 mm			
	Uncertain			
	Not applicable			
Margins, Deep, distance	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

pT Category	Single selection value list: pTX, pT0, pT1a, pT1b, pT1c, pT2, pT3, pT4		pCR0910 - TCategory (Pathological)=pT	pCR0910 - TCategory (Pathological)=pT
	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
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