

## COSD mapping for Appendix E2: Reporting proforma for regional lymph nodes associated with Merkel cell carcinoma 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>Anatomical site</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
	Inguinal			
	Axillary			
	Other			
<b>Anatomical site, Other</b>	Free text	Only applicable if 'Anatomical site, 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>Localisation</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
	Ipsilateral			
	Contralateral			
<b>Clinical nodal status</b>	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
	Clinically occult			
	Clinically detected			
	Clinical status unknown			
<b>Specimen type</b>	Single selection value list:		pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Sentinel lymph node biopsy		BU - Biopsy NOS	BU - Biopsy NOS
	Completion lymphadenectomy		EX- Excision	EX- Excision
	Lymphadenectomy		EX- Excision	EX- Excision

			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
			4 - Regional Lymph Nodes	4 - Regional Lymph Nodes
<b>LN[n] Dimension of specimen, dimension 1</b>	Size in mm	Repeating data item – repeat n for each in ‘Number of sentinel nodes identified’ if ‘Specimen type, Sentinel lymph node biopsy’ is selected. Otherwise n=1 only.	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>LN[n] Dimension of specimen, dimension 2</b>	Size in mm	Repeating data item – repeat n for each in ‘Number of sentinel nodes identified’ if ‘Specimen type, Sentinel lymph node biopsy’ is selected. Otherwise n=1 only.	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>LN[n] Dimension of specimen, dimension 3</b>	Size in mm	Repeating data item – repeat n for each in ‘Number of sentinel nodes identified’ if ‘Specimen type, Sentinel lymph node biopsy’ is selected. Otherwise n=1 only.	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>LN[n] Macroscopic abnormality present</b>	Single selection value list:	Repeating data item – repeat n for each in ‘Number of sentinel nodes identified’ if ‘Specimen type, Sentinel lymph node biopsy’ selected. Otherwise n=1 only.	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text
	Not identified			
	Yes			
	Uncertain			
<b>LN[n] Maximum dimension of macroscopic abnormality</b>	Size in mm	Only applicable if LN[n] ‘Macroscopic abnormality present, Yes’ is selected. Repeating data item – repeat n for each in ‘Number of sentinel nodes identified’ if ‘Specimen type, Sentinel	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

		lymph node biopsy' is selected. Otherwise n=1 only.		
<b>LN[n] Dye seen in tissue</b>	Single selection value list:	Only applicable if 'Specimen type, Sentinel lymph node biopsy' is selected. Repeating data item – repeat n for each in 'Number of sentinel nodes identified'.	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text
	Not identified			
	Yes			
<b>LN[n] Localising marker</b>	Single selection value list:	Repeating data item – repeat n for each in 'Number of sentinel nodes identified' if 'Specimen type, Sentinel lymph node biopsy' is selected. Otherwise n=1 only.	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text	Removed from COSD in 2020 (v4.0.2), although could be recorded within pCR1020 - Pathology Report Text
	Not identified			
	Yes			
<b>LN[n] Localisation marker, details</b>	Free text	Only applicable if 'LN[n] Localising marker, Yes' is selected. Repeating data item – repeat n for each in 'Number of sentinel nodes identified' if 'Specimen type, Sentinel lymph node biopsy' is selected. Otherwise n=1 only.	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>Number of sentinel nodes identified</b>	Integer	Only applicable if 'Specimen type, Sentinel lymph node biopsy' is selected.	Not in the COSD Pathology v4.02 data set, although could be recorded within pCR1020 - Pathology Report Text	pCR1110 - Sentinel Lymph Nodes Examined Number

<b>Number of sentinel nodes positive</b>	Integer	Only applicable if 'Specimen type, Sentinel lymph node biopsy' is selected.	Not in the COSD Pathology v4.02 data set, although could be recorded within pCR1020 - Pathology Report Text	pCR1120 - Sentinel Lymph Nodes Positive Number
<b>Extranodal extension</b>	Single selection value list:	Only applicable if 'Number of sentinel nodes positive' > 0.	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
	No			
	Yes			
	Uncertain			
	Cannot be assessed			
<b>Number of nodes identified</b>	Integer	Only applicable if 'Specimen type, Lymphadenectomy' is selected.	pCR0890 - Number of Nodes Examined	pCR0890 - Number of Nodes Examined
<b>Number of nodes positive</b>	Integer	Only applicable if 'Specimen type, Lymphadenectomy' is selected.	pCR0900 - Number of Nodes Positive	pCR0900 - Number of Nodes Positive
<b>Highest/most apical node involved</b>	Single selection value list:	Only applicable if 'Specimen type, Lymphadenectomy' 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
	No			
	Yes			
	Not identified			
	Not applicable			
<b>Extranodal/capsular extension</b>	Single selection value list:	Only applicable if 'Specimen type, Lymphadenectomy' is selected and 'Number of nodes identified' > 0.	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
	No			
	Yes			
	Uncertain			
	Not applicable			
<b>Margin of specimen</b>	Single selection value list:		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
<b>pN Category</b>	Single selection value list:		pCR0920 - NCategory (Pathological) = pN	pCR0920 - NCategory (Pathological) = pN
	pNX, pN0, pN1a (sn), pN1a, pN1b, pN1c, pN2, pN3			
<b>TNM edition number used</b>	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