

## COSD mapping for Appendix D: Reporting proforma for bone tumour reports 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/CHI 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 reporting</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>Specimen type</b>	Single selection value list:  Closed (needle) biopsy Open (surgical) biopsy Curettage Excision		pCR0760 – Pathology Investigation Type (All values)  BU (Biopsy NOS) BU (Biopsy NOS) CU (Curettage) EX (Excision)	pCR0760 – Pathology Investigation Type (All values)  BU (Biopsy NOS) BU (Biopsy NOS) CU (Curettage) EX (Excision)
			pCR0970 – Specimen Nature (All values)  1 (Primary tumour)	pCR0970 – Specimen Nature (All values)  1 (Primary tumour)
<b>Specimen size</b>	Free text (in three dimensions 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>Anatomical bone sampled</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>Tumour location in bone</b>	Single selection value list:  Epiphysis/apophysis Metaphysis Diaphysis Cortex Medulla		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

	Periosteal			
	Extraosseous (soft tissue)			
	Joint-based tumour involving bone			
	Not definable			
<b>Laterality</b>	Single selection value list:	Tumour laterality in COSD identifies the side of the body for a tumour relating to paired organs within a PATIENT based on the evidence from a pathological examination.	Use pCR1020 - Pathology Report Text to record this data item, unless it is within a paired organ, when pCR0820 - Tumour Laterality (Pathological) can be used	Use pCR1020 - Pathology Report Text to record this data item, unless it is within a paired organ, when pCR0820 - Tumour Laterality (Pathological) can be used
	Left			
	Right			
	Midline			
	Not known			
	Not applicable			
<b>Tumour size</b>	Free text (in three dimensions in mm)		pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)
<b>Histological diagnosis of tumour type</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>Tumour grade</b>	Single selection value list:		pCR0860 - Grade of Differentiation (Pathological)	pCR0860 - Grade of Differentiation (Pathological)
	Low grade (G1)		G1 - Well differentiated	G1 - Well differentiated
	Low grade (G2)		G2 - Moderately differentiated	G2 - Moderately differentiated
	High grade (G3)		G3 - Poorly differentiated	G3 - Poorly differentiated
<b>Extent of local tumour spread (for medullary tumours only)</b>	Single selection value list:	If extra-compartmental: * Joints * Extraosseus soft tissues	pSA11130 - Extent of Local Spread (Bone)	pSA11130 - Extent of Local Spread (Bone)
	Intracompartamental		I - Intracompartamental	I - Intracompartamental
	Extracompartamental		E - Extracompartamental	E - Extracompartamental
<b>Distance to proximal bone margin</b>	Free text (in mm)	Submit the smallest value in pCR0880 from Distance to proximal bone, distal bone, other relevant bone and closest soft tissue resection margins	pCR0880 - Excision Margin	pCR0880 - Excision Margin
	>5 mm		02 - Excision margins are clear (tumour >5mm from the margin)	02 - Excision margins are clear (tumour >5mm from the margin)
	>1 to 5 mm		03 - Excision margins are clear (tumour >1mm but less	03 - Excision margins are clear (tumour >1mm but less

			than or equal to 5mm from the margin	than or equal to 5mm from the margin
	< or equal to 1 mm		04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin	04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin
	0 mm		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	All values blank		99 - Not Known	99 - Not Known
<b>Distance to distal bone margin</b>	Free text (in mm)	Submit the smallest value in pCR0880 from Distance to proximal bone, distal bone, other relevant bone and closest soft tissue resection margins	pCR0880 - Excision Margin	pCR0880 - Excision Margin
	>5 mm		02 - Excision margins are clear (tumour >5mm from the margin)	02 - Excision margins are clear (tumour >5mm from the margin)
	>1 to 5 mm		03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)	03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)
	< or equal to 1 mm		04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin	04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin
	0 mm		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	All values blank		99 - Not Known	99 - Not Known
<b>Distance to other relevant bone resection margin</b>	Free text (in mm)	Submit the smallest value in pCR0880 from Distance to proximal bone, distal bone, other relevant bone and closest soft tissue resection margins	pCR0880 - Excision Margin	pCR0880 - Excision Margin
	>5 mm		02 - Excision margins are clear (tumour >5mm from the margin)	02 - Excision margins are clear (tumour >5mm from the margin)
	>1 to 5 mm		03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)	03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)
	< or equal to 1 mm		04 - Tumour is less than or equal to 1mm from excision	04 - Tumour is less than or equal to 1mm from excision

			margin, but does not reach margin	margin, but does not reach margin
	0 mm		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	All values blank		99 - Not Known	99 - Not Known
<b>Distance to closest soft tissue resection margin</b>	Free text (in mm)	Submit the smallest value in pCR0880 from Distance to proximal bone, distal bone, other relevant bone and closest soft tissue resection margins	pCR0880 - Excision Margin	pCR0880 - Excision Margin
	>5 mm		02 - Excision margins are clear (tumour >5mm from the margin)	02 - Excision margins are clear (tumour >5mm from the margin)
	>1 to 5 mm		03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)	03 - Excision margins are clear (tumour >1mm but less than or equal to 5mm from the margin)
	< or equal to 1 mm		04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin	04 - Tumour is less than or equal to 1mm from excision margin, but does not reach margin
	0 mm		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	All values blank		99 - Not Known	99 - Not Known
<b>Type of tissue at closest soft tissue resection margin</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
	Muscle			
	Fat			
	Loose fibrous tissue			
	Dense fibrous tissue			
	Tumour			
<b>Is the histological diagnosis confirmed by cytogenetic or molecular tests?</b>	Single selection value list:		pSA11170 - Genetic Confirmation Indicator	pSA11170 - Genetic Confirmation Indicator
	Yes, confirmed		Y - Yes, confirmed	Y - Yes, confirmed
	No, not confirmed		N - No, not confirmed	N - No, not confirmed
	Test not done		X - Test not done	X - Test not done

<b>Cytogenetic and molecular genetic findings</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>Tumour necrosis in response to preoperative therapy</b>	Integer (%)	If 'Not applicable' required to be recorded, use pCR1020 - Pathology Report Text	pSA11140 - Tumour Necrosis	pSA11140 - Tumour Necrosis
<b>TNM edition number used</b>	UICC8, UICC9	Within COSD, version number and edition are separate but should be reported together	pCR6820 - TNM Version Number (Pathological) pCR6980 - TNM Coding Edition	pCR6820 - TNM Version Number (Pathological) pCR6980 - TNM Coding Edition
<b>pT Category</b>	Free text (y)pT		pCR0910 - T Category (Pathological) = pT	pCR0910 - T Category (Pathological) = pT
<b>pN Category</b>	Free text (y)pN		pCR0920 - N Category (Pathological) = pN	pCR0920 - N Category (Pathological) = pN
<b>pM Category</b>	Free text (y)pM		pCR0930 - N Category (Pathological) = pM	pCR0930 - N Category (Pathological) = pM
<b>SNOMED topography code</b>	T...	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology	pCR6410 - Topography (SNOMED) Pathology
<b>SNOMED morphology code</b>	M...	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology	pCR6420 - Morphology (SNOMED) Pathology
<b>Further comments</b>	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text