

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)
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/CHI 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 reporting			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
Specimen type	Single selection value list:		pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Closed (needle) biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	Open (surgical) biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	Curettage		CU (Curettage)	CU (Curettage)
	Excision		EX (Excision)	EX (Excision)
			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
		1 (Primary tumour)	1 (Primary tumour)	
Specimen size	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
Anatomical bone sampled	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
Tumour location in bone	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
	Epiphysis/apophysis			
	Metaphysis			
	Diaphysis			
	Cortex			
	Medulla			

	Periosteal			
	Extraosseous (soft tissue)			
	Joint-based tumour involving bone			
	Not definable			
Laterality	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			
Tumour size	Free text (in three dimensions in mm)		pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)
Histological diagnosis of tumour type	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
Tumour grade	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
Extent of local tumour spread (for medullary tumours only)	Single selection value list:	If extra-compartmental: * Joints * Extraosseus soft tissues	pSA11130 - Extent of Local Spread (Bone)	pSA11130 - Extent of Local Spread (Bone)
	Intracompartmental		I - Intracompartmental	I - Intracompartmental
	Extracompartmental		E - Extracompartmental	E - Extracompartmental
Distance to proximal bone margin	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
Distance to distal bone margin	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
Distance to other relevant bone resection margin	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
Distance to closest soft tissue resection margin	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
Type of tissue at closest soft tissue resection margin	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			
Is the histological diagnosis confirmed by cytogenetic or molecular tests?	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

Cytogenetic and molecular genetic findings	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
Tumour necrosis in response to preoperative therapy	Integer (%)	If 'Not applicable' required to be recorded, use pCR1020 - Pathology Report Text	pSA11140 - Tumour Necrosis	pSA11140 - Tumour Necrosis
TNM edition number used	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
pT Category	Free text		pCR0910 - T Category (Pathological) = pT	pCR0910 - T Category (Pathological) = pT
	(y)pT			
pN Category	Free text		pCR0920 - N Category (Pathological) = pN	pCR0920 - N Category (Pathological) = pN
	(y)pN			
pM Category	Free text		pCR0930 - N Category (Pathological) = pM	pCR0930 - N Category (Pathological) = pM
	(y)pM			
SNOMED topography code	T...	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology	pCR6410 - Topography (SNOMED) Pathology
SNOMED morphology code	M...	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology	pCR6420 - Morphology (SNOMED) Pathology
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text