

COSD mapping for Appendix E: Reporting proforma for mesothelioma biopsy/cytology specimens 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
Previous treatment (neoadjuvant chemotherapy / radiotherapy)	Single selection value list:		pCR1000 - Neoadjuvant Therapy Indicator	pCR1000 - Neoadjuvant Therapy Indicator
	Yes		Y- Yes	Y- Yes
	No		N- No	N- No
Laterality	Single selection value list:		pCR0820 - Tumour Laterality (Pathological)	pCR0820 - Tumour Laterality (Pathological)
	Right		R- Right	R- Right
	Left		L- Left	L- Left
	Not stated		9 - Not known	9 - Not known
Specimen origin	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
	Pleura			
	Lung			
	Other			
Specimen origin, other	Free text	Only applicable if 'Specimen origin, other' selected	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Sample type	Multiple selection value list:	If multiple samples taken and recorded in the same report, then use pCR1020 - Pathology Report Text as pCR0760 and pCR0970 are single reporting fields.	pCR0760 - Pathology Investigation Type (All values)	pCR0760 - Pathology Investigation Type (All values)
	Pleural biopsy		BU- Biopsy NOS	BU- Biopsy NOS
	Core needle biopsy		BU- Biopsy NOS	BU- Biopsy NOS
	VATS biopsy		BU- Biopsy NOS	BU- Biopsy NOS
	Open biopsy		BU- Biopsy NOS	BU- Biopsy NOS
	Lymph node biopsy		BU- Biopsy NOS	BU- Biopsy NOS

	Other biopsy(sites)		BU - Biopsy NOS	BU - Biopsy NOS
	Pleural effusion		CY- Cytology	CY- Cytology
	Pericardial effusion		CY- Cytology	CY- Cytology
	Other cytology		CY- Cytology	CY- Cytology
	FNA		CY- Cytology	CY- Cytology
			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
			1 (Primary tumour)	1 (Primary tumour)
			4 - Regional Lymph Nodes	4 - Regional Lymph Nodes
Lymph node biopsy, specify site	Size in mm	Only applicable if 'Sample type, Lymph node biopsy' selected	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other biopsy site(s), details	Free text	Only applicable if 'Sample type, Other biopsy site(s)' selected	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other cytology, details	Free text	Only applicable if 'Sample type, Other cytology' selected	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
FNA, details	Free text	Only applicable if 'Sample type, FNA' selected	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Histologic type of mesothelioma	Single selection value list: Mesothelioma in situ Localised mesothelioma Diffuse mesothelioma		It may be possible to map to pCR6420 - Morphology (SNOMED) Pathology, if not then these can be recorded within pCR1020 - Pathology Report Text	It may be possible to map to pCR6420 - Morphology (SNOMED) Pathology, if not then these can be recorded within pCR1020 - Pathology Report Text
Histologic subtype of mesothelioma	Single selection value list: Epithelioid Biphasic Sarcomatoid		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
Mesothelioma grade	Single selection value list:	Only applicable for epithelioid subtype	pCR0860 - Grade of Differentiation (Pathological)	pCR0860 - Grade of Differentiation (Pathological)

	Low		G1 - Well differentiated	G1 - Well differentiated
	High		G4 - Undifferentiated / anaplastic	G4 - Undifferentiated / anaplastic
Histologic variants of mesothelioma	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
	Architectural patterns			
	- Tubulopapillary			
	- Trabecular			
	- Adenomatoid			
	- Solid			
	- Micropapillary			
	Cytological features			
	- Rhabdoid			
	- Deciduoid			
	- Small cell			
	- Clear cell			
	- Signet ring			
	- Lymphohistiocytoid			
	- Pleomorphic			
	- Transitional			
	Stromal features			
	- Desmoplastic			
	- Myxoid			
	- Heterologous differentiation			
D-PAS mucin staining	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
	Positive			
	Negative			
Alcian blue mucin staining	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
	Positive			
	Negative			
	Single selection value list:			

Calretinin	Positive		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
	Negative			
Cytokeratin 5/6	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
	Positive			
	Negative			
WT-1	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
	Positive			
	Negative			
BerEP4	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
	Positive			
	Negative			
CEA	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
	Positive			
	Negative			
Other immunohistochemistry	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other immunohistochemistry result	Single selection value list:	Not applicable if 'Other immunohistochemistry' is blank	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
	Positive			
	Negative			
	Not applicable			
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
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
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