

COSD mapping for Appendix G: Reporting proforma for lung cancer 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)
Clinician			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
	Not known		9 - Not known	9 - Not known
Specimen origin	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
	Right lung, NOS			
	Left lung, NOS			
	Right upper lobe			
	Right middle lobe			
	Right lower lobe			
	Left upper lobe			
	Left lower lobe			
	Other			
	Not known			
Specimen origin, other	Free text	Only applicable if 'Specimen origin, Other' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Sample type	Single 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)
	Endobronchial biopsy		BU - Biopsy NOS	BU - Biopsy NOS
	Transbronchial biopsy		BU - Biopsy NOS	BU - Biopsy NOS
	Transthoracic needle biopsy		BU - Biopsy NOS	BU - Biopsy NOS
	Lymph node biopsy		BU - Biopsy NOS	BU - Biopsy NOS

	Pleural biopsy		BU - Biopsy NOS	BU - Biopsy NOS
	Other metastatic site(s)		BU - Biopsy NOS	BU - Biopsy NOS
	Transthoracic FNAlung		CY - Cytology	CY - Cytology
	Bronchial washings/traps/lavage		CY - Cytology	CY - Cytology
	Bronchial brushings		CY - Cytology	CY - Cytology
	Transbronchial or endoscopic needle aspirate		CY - Cytology	CY - Cytology
	Pleural fluid		CY - Cytology	CY - Cytology
	Other cytology		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
			5 - Metastatic site other than regional lymph nodes	5 - Metastatic site other than regional lymph nodes
Lymph node biopsy, specify sites	Free text	Only applicable if 'Sample type, Lymph node biopsy' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other metastatic site(s), details	Free text	Only applicable if 'Sample type, Other metastatic site(s)' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Transbronchial or endoscopic needle aspirate, details of site(s)	Free text	Only applicable if 'Sample type: Transbronchial or endoscopic needle aspirate' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other cytology specify	Free text	Only applicable if 'Sample type, Other cytology' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
	Single selection value list:			

Histological/cytological type	Adenocarcinoma (morphological adenocarcinoma patterns clearly present)		
	Non-small cell carcinoma, favour adenocarcinoma (morphological adenocarcinoma patterns not present but adenocarcinomatous differentiation supported by stains such as TIF-1, D-PAS)		
	Squamous cell carcinoma (morphological squamous cell patterns clearly present)	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
	Non-small cell carcinoma, favour squamous cell carcinoma (morphological squamous cell patterns not present but squamous differentiation supported by stains such as p40, CK5/6)		
	Small cell carcinoma		
	Non-small cell carcinoma, not otherwise specified		
	Non-small cell carcinoma with neuroendocrine morphology (NE markers positive)		
	Non-small cell carcinoma with neuroendocrine morphology (NE markers negative)		

	<p>Non-small cell carcinoma, not otherwise specified, possible adenosquamous carcinoma (when both glandular and squamous components are morphologically present or both are suggested by special stains)</p> <p>Non-small cell carcinoma with spindle and/or giant cell carcinoma and/or pleomorphic features (mention if adenocarcinoma or squamous carcinoma are present morphologically or with stains)</p> <p>Combined tumour</p> <p>Other tumour</p>			
<p>Adenocarcinoma, specify patterns present or variants</p>	Free text	Only applicable if 'Histological/cytological type, Adenocarcinoma (morphological adenocarcinoma patterns clearly present)' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
<p>Evidence of differentiation if pleomorphic NSCC</p>	Free text	Only applicable if 'Histological/cytological type, Non-small cell carcinoma with spindle and/or giant cell carcinoma and/or pleomorphic features (mention if adenocarcinoma or squamous carcinoma are	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text

		present morphologically or with stains)' is selected.		
Combined tumour, specify	Free text	Only applicable if 'Histological/cytological type, Combined tumour' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Other tumour, specify	Free text	Only applicable of as 'Histological/cytological type: Other tumour' is selected.	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Epidermal growth factor mutation present	Single selection value list: Yes No Not assessed		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
ALK translocation present	Single selection value list: Yes No Not assessed		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
PD-L1 status, percentage of tumour cells positive	Numeric value		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
PD-L1 status, assessed	Single selection value list: Assessed Not assessed	Assessed if numeric value entered for PD-L1 status, percentage of tumour cells 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
PD-L1 status, antibody used	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
	Single selection value list:			

PD-L1 test	Commercial assay (companion diagnostic)		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
	Laboratory derived test (LDT)			
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