

## COSD mapping for Appendix M: Reporting proforma for liver resection: colorectal carcinoma metastasis 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
Gross description				
Number of specimens received	Integer		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Type of specimen				
Type of specimen	Single selection value list:	Use pCR1020 - Pathology Report Text to specify 'List segments (if known) if segmental resection is selected, To specify 'Site/segment of origin' if non-anatomic (wedge resection is selected), use pCR1020 - Pathology Report Text	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Segmental resection		EX- Excision; PE - Partial Excision	EX- Excision; PE - Partial Excision
	- List segments (if known)			
	Non-anatomic (wedge) resection		EX- Excision; PE - Partial Excision	EX- Excision; PE - Partial Excision
	- Site/segment of origin			
	- List if several			
		pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)	
		1 (Primary tumour)	1 (Primary tumour)	
Specimen weight	Integer	State specimen weight in grams (g)	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
For segmental resections, specimen dimensions:	Integer (antero-posterior (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
	Integer (medio-lateral (mm))			
	Integer (supero-inferior (mm))			

Number of tumours present	Integer		Not in the COSD Pathology v4.0.2 data set, although could be recorded within pCR1020 - Pathology Report Text	pLVI0010 - Number of Tumours
Satellite tumour(s) present:	Single selection value list:		Not in the COSD Pathology v4.0.2 data set, although could be recorded within pCR1020 - Pathology Report Text	pLVI0020 - Satellite Tumour Indicator
	Yes			Y- Yes
	No			N- No
List maximum diameters for up to four largest tumours	Integer (mm)	Up to four values	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Distance from nearest hepatic resection margin of nearest tumour	Integer (mm)		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Liver capsule intact and smooth	Single selection value list:		Not in the COSD Pathology v4.0.2 data set, although could be recorded within pCR1020 - Pathology Report Text	pLVI0030 - Liver Capsule Intact and Smooth
	Yes			Y- Yes
	No			N- No
Invasion of adherent or adjacent organ	Single selection value list:		Not in the COSD Pathology v4.0.2 data set, although could be recorded within pCR1020 - Pathology Report Text	pLVI0040 - Invasion of Adjacent Organ
	Yes			Y- Yes
	No			N- No
If yes, which organ	Free text	Please specify if 'Invasion of adherent or adjacent organ = Yes'	Not in the COSD Pathology v4.0.2 data set, although could be recorded within pCR1020 - Pathology Report Text	pLVI0050 - Organ Invaded
Lymph node(s) received	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
	Yes			
	No			

Histology				
Tumour grade/differentiation	Single selection value list:		pCR0860 - Grade of Differentiation (Pathological)	pCR0860 - Grade of Differentiation (Pathological)
	Well/moderate		G1 - Well differentiated	G1 - Well differentiated
	Poor		G3 - Poorly differentiated	G3 - Poorly differentiated
Tumour cells present at resection margin:	Single selection value list:		pCR0880 - Excision Margin	pCR0880 - Excision Margin
	Yes		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	No		01 - Excision margins are clear (distance from margin not stated)	01 - Excision margins are clear (distance from margin not stated)
If no, distance to 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
	<1 mm			
	1–10 mm (state distance in mm)			
	>10 mm			
State distance	Number (mm)	Specify if distance to resection margin 1–10 mm	pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Microscopic vascular invasion identified	Single selection value list:		pCR0870 - Cancer Vascular or Lymphatic Invasion	pCR0870 - Cancer Vascular or Lymphatic Invasion
	Present		YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion present
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
Neoadjuvant therapy given	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
If yes:	Single selection value list:	Specify if “Neoadjuvant therapy given = Yes”	Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	No residual tumour cells			

	Rare small groups of viable cells		recorded within pCR1020 - Pathology Report Text	recorded within pCR1020 - Pathology Report Text
	Residual cancer cells with evident regression			
	No evident tumour regression			
Best block of tumour for molecular testing	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Background liver	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
	Normal			
	Steatosis			
	Chronic liver disease with fibrosis			
	Sinusoidal obstruction syndrome			
SNOMED-CT codes		May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology	pCR6410 - Topography (SNOMED) Pathology
SNOMED-CT codes		May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology	pCR6420 - Morphology (SNOMED) Pathology
Comments/additional information	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text