

## COSD mapping for Appendix G Reporting proforma for colorectal carcinoma local excision 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			<i>CR0050 - Person Family Name</i>	<i>CR0050 - Person Family Name</i>
Forenames			<i>CR0060 - Person Given Name</i>	<i>CR0060 - Person Given Name</i>
Date of birth			<i>CR0100 - Person Birth Date</i>	<i>CR0100 - Person Birth Date</i>
Sex			<i>CR3170 - Person Stated Gender Code</i>	<i>CR3170 - Person Stated Gender Code</i>
Hospital			<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>	<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>
Hospital no			<i>CR0020 - Local Patient Identifier</i>	<i>CR0020 - Local Patient Identifier</i>
NHS/CHI no		<i>CHI number not recorded in COSD</i>	<i>CR0010 - NHS Number</i>	<i>CR0010 - NHS Number</i>
Date of receipt			<i>pCR0770 - Sample Receipt Date</i>	<i>pCR0770 - Sample Receipt Date</i>
Date of reporting			<i>pCR0780 - Investigation Result Date</i>	<i>pCR0780 - Investigation Result Date</i>

<b>Report no</b>			<b><i>pCR0950 - Service Report Identifier</i></b>	<b><i>pCR0950 - Service Report Identifier</i></b>
<b>Pathologist</b>			<b><i>pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)</i></b>	<b><i>pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)</i></b>
			<b><i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i></b>	<b><i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i></b>
<b>Surgeon</b>			Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
<b>Specimen type</b>	<b>Single selection value list:</b>	<i>If 'other', please state, use pCR1020 - Pathology Report Text</i>	<b><i>pCR0760 – Pathology Investigation Type (All values)</i></b>	<b><i>pCR0760 – Pathology Investigation Type (All values)</i></b>
	Polypectomy		EX - Excision	EX - Excision
	Endoscopic mucosal resection		EX - Excision	EX - Excision
	Endoscopic submucosal dissection		EX - Excision	EX - Excision
	Transanal endoscopic microsurgical excision (TEMS)		EX - Excision	EX - Excision
	Transanal minimally invasive surgery (TAMIS)		EX - Excision	EX - Excision

	Endoscopic full thickness resection (EFTR)		EX - Excision	EX - Excision
	Other		99 - Uncertain/other	99 - Uncertain/other
			<b>pCR0970 – Specimen Nature (All values)</b>	<b>pCR0970 – Specimen Nature (All values)</b>
			1 (Primary tumour)	1 (Primary tumour)
<b>Specimen type, other, specify</b>	Free text	<i>Only applicable if 'Specimen type, Other' is selected.</i>	<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
<b>Site of tumour</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Caecum			
	Right (ascending) colon			
	Hepatic flexure			
	Transverse colon			
	Splenic flexure			
	Left (descending) colon			
	Sigmoid			
	Rectosigmoid			
	Rectum			
	Unknown			
	Tumour not identified			
<b>Size of specimen</b>	Size in mm		<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>

(maximum width)				
Size of specimen, assessable	Single selection value list:	<i>Assessable if 'Size of specimen' has a valid value.</i>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Assessable			
	Not assessable			
Comments	Free text		<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
Maximum tumour diameter	Size in mm		<b>pCR0830 - Lesion Size (Pathology)</b>	<b>pCR0830 - Lesion Size (Pathology)</b>
Tumour type, adenocarcinoma	Single selection value list:	<i>Only applicable if 'Site of tumour' is NOT 'not identified'.</i>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Yes			
	No			
Tumour type, specify	Free text	<i>Only applicable if 'Site of tumour' is not 'not identified' and 'Tumour type, Adenocarcinoma, No' is selected.</i>	<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
Differentiation by worst area	Single selection value list:		<b>pCR0860 - Grade of Differentiation (Pathological)</b>	<b>pCR0860 - Grade of Differentiation (Pathological)</b>
	Well/moderate		G1 - Well differentiated	G1 - Well differentiated
	Poor		G3 - Poorly differentiated	G3 - Poorly differentiated
	Not applicable		GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed

<b>Local invasion</b>	<b>Multiple selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	No carcinoma identified			
	Submucosa			
	Muscularis propria			
	Beyond muscularis propria			
<b>Maximum depth of invasive tumour from muscularis mucosae</b>	Distance in mm	<i>Only applicable if 'Site of tumour' is not 'not identified' and 'Local invasion, Submucosa' is selected.</i>	<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
<b>Width of invasive tumour</b>	Size in mm	<i>Only applicable if 'Site of tumour' is not 'not identified' and 'Local invasion, Submucosa' is selected.</i>	<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
<b>For polypoid tumours only, Haggitt level</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	1			
	2			
	3			
	4			
	Not applicable			
Not assessable				
	<b>Single selection value list:</b>		Not in the COSD Pathology data set,	Not in the COSD Pathology data set,

For sessile tumours only, Kikuchi level	sm1		although could be recorded within <b>pCR1020 - Pathology Report Text</b>	although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	sm2			
	sm3			
	Not applicable			
	Not assessable			
Number of lymph nodes	Integer		<b>pCR0890 - Number of Nodes Examined</b>	<b>pCR0890 - Number of Nodes Examined</b>
Number of involved lymph nodes	Integer		<b>pCR0900 - Number of Nodes Positive</b>	<b>pCR0900 - Number of Nodes Positive</b>
Number of tumour deposits	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	1			
	2			
	3			
	4			
	5			
	>5			
Deepest level of venous invasion	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	None			
	Intramural			
	Extramural			
	<b>Single selection value list:</b>		Not in the COSD Pathology data set,	Not in the COSD Pathology data set,

<b>Deepest level of lymphatic (small vessel) invasion</b>	None		although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Intramural			
	Extramural			
<b>Deepest level of perineural invasion</b>	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	None			
	Intramural			
	Extramural			
<b>Tumour budding grade</b>	<b>Single selection value list:</b>	<i>Only applicable for pT1 tumours</i>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	Not in the COSD Pathology data set, although could be recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Bd1			
	Bd2			
	Bd3			
<b>Preoperative therapy response</b>	<b>Single selection value list:</b>		<b><i>pCO5290 - Response to Preoperative Therapy</i></b>	<b><i>pCO5290 - Response to Preoperative Therapy</i></b>
	Not applicable		97 - Not Applicable	97 - Not Applicable
	No viable cancer cells (TRS 0)		08 - No viable cancer cells (TRS 0)	08 - No viable cancer cells (TRS 0)
	Single cells or rare small groups of cancer cells (TRS 1)		09 - Single cells or rare small groups of cancer cells (TRS 1)	09 - Single cells or rare small groups of cancer cells (TRS 1)
	Residual cancer with evident tumour regression (TRS 2)		10 - Residual cancer with evident tumour regression (TRS 2)	10 - Residual cancer with evident tumour regression (TRS 2)
	No evident tumour regression (TRS 3)		11 - No evident tumour regression (TRS 3)	11 - No evident tumour regression (TRS 3)

Background adenoma	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Yes			
	No			
Involvement of margins by carcinoma, Peripheral margin	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Involved			
	Not involved			
	Not assessable			
Involvement of margins by carcinoma, Deep margin	Single selection value list:		Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Involved			
	Not involved			
	Not assessable			
Histological measurement from carcinoma to nearest deep excision margin	Size in mm	<i>Only applicable if 'Site of tumour' is not 'not identified'.</i>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
Histological measurement from carcinoma to nearest deep excision margin, assessable	Single selection value list:	<i>Assessable if 'Histological measurement from carcinoma to nearest deep excision margin' has a valid value.</i>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>	Not in the COSD Pathology data set, although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	Assessable			
	Not assessable			
Resection status	Single selection value list:		Not in the COSD Pathology data set,	Not in the COSD Pathology data set,

	Yes (R0)		although could be recorded within <b>pCR1020 - Pathology Report Text</b>	although could be recorded within <b>pCR1020 - Pathology Report Text</b>
	No (R1)			
	No (R2)			
	Not assessable			
<b>TNM edition number used</b>	UICC8, UICC9	<i>Within COSD, version number and edition are separate but should be reported together</i>	<b>pCR6820 - TNM Version Number (Pathological)</b>	<b>pCR6820 - TNM Version Number (Pathological)</b>
			<b>pCR6980 - TNM Coding Edition</b>	<b>pCR6980 - TNM Coding Edition</b>
<b>UICC TNM pT category</b>	<b>Single selection value list:</b>		<b>pCR0910 - T Category (Pathological) = pT</b>	<b>pCR0910 - T Category (Pathological) = pT</b>
	pTX; pT0; pT1; pT2; pT3; pT4a; pT4b			
	ypTX; ypT0; ypT1; ypT2; ypT3; ypT4a; ypT4b			
<b>UICC TNM pN category</b>	<b>Single selection value list:</b>		<b>pCR0920 - N Category (Pathological) = pN</b>	<b>pCR0920 - N Category (Pathological) = pN</b>
	pNX; pN0; pN1a; pN1b; pN1c; pN2a; pN2b			
	ypNX; ypN0; ypN1a; ypN1b; ypN1c; ypN2a; ypN2b			
<b>UICC TNM pM category</b>	<b>Single selection value list:</b>	If it is essential to record 'Not applicable' use <b>pCR1020 - Pathology Report Text</b>	<b>pCR0930 - N Category (Pathological) = pM</b>	<b>pCR0930 - N Category (Pathological) = pM</b>
	Not applicable; pM1a; pM1b; pM1c			
<b>Block index</b>	Free text		<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>

<b>Selected tumour block for additional testing</b>	Free text		<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>
<b>SNOMED topography code</b>	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b>pCR6410 - Topography (SNOMED) Pathology = T</b>	<b>pCR6410 - Topography (SNOMED) Pathology = T</b>
<b>SNOMED morphology code</b>	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b>pCR6420 - Morphology (SNOMED) Pathology = M</b>	<b>pCR6420 - Morphology (SNOMED) Pathology = M</b>
<b>Further comments</b>	Free text		<b>pCR1020 - Pathology Report Text</b>	<b>pCR1020 - Pathology Report Text</b>