

## COSD mapping for Appendix H: Reporting proforma for gastric carcinoma resections 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>
Gender			<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>
Report no			<i>pCR0950 - Service Report Identifier</i>	<i>pCR0950 - Service Report Identifier</i>
Pathologist			<i>pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)</i>	<i>pCR7100 - Professional Registration Issuer Code - Consultant (Pathology Test Requested By)</i>

			<i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i>	<i>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</i>
Surgeon			Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Specimen	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Pinned			
	Not pinned			
Specimen Type	<b>Single selection value list:</b>		<i>pCR0760 - Pathology Investigation Type (All values)</i>	<i>pCR0760 - Pathology Investigation Type (All values)</i>
	Total gastrectomy		RE - Radical Excision	RE - Radical Excision
	Subtotal gastrectomy		PE - Partial Excision	PE - Partial Excision
			<i>pCR0970 - Specimen Nature (All values)</i>	<i>pCR0970 - Specimen Nature (All values)</i>
			1 (Primary tumour)	1 (Primary tumour)
Tumour location	<b>Single selection value list:</b>		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Cardia			
	Fundus			
	Body			
	Antrum			
Specimen dimensions, Length lesser curvature	Size in mm		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Specimen dimensions, Length greater curvature	Size in mm		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
	Size in mm			

Specimen dimensions, Length duodenum			<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Specimen dimensions, Length oesophagus	Size in mm		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Maximum tumour diameter	Size in mm		<i>pCR0830 - Lesion Size (Pathological)</i>	<i>pCR0830 - Lesion Size (Pathological)</i>
Tumour edge to nearest distal margin	Size in mm		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Tumour edge to nearest proximal margin	Size in mm		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Type of tumour	<b>Single selection value list:</b> Adenocarcinoma Other		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Type of tumour, Other, specify	Free text	<i>Only applicable if 'Type of tumour, Other' is selected.</i>	<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Laurén classification	<b>Single selection value list:</b> Intestinal Diffuse Mixed Indeterminate		Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Differentiation by predominant area	<b>Single selection value list:</b> Well Moderate Poor Not applicable		<i>pCR0860 - Grade of Differentiation (Pathological)</i> G1 - Well differentiated G2 - Moderately differentiated G3 - Poorly differentiated GX - Grade of differentiation is not appropriate or cannot be assessed	<i>pCR0860 - Grade of Differentiation (Pathological)</i> G1 - Well differentiated G2 - Moderately differentiated G3 - Poorly differentiated GX - Grade of differentiation is not appropriate or cannot be assessed
Depth of invasion	<b>Single selection value list:</b> No tumour identified		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

	High-grade dysplasia		recorded within <b><i>pCR1020 - Pathology Report Text</i></b>	recorded within <b><i>pCR1020 - Pathology Report Text</i></b>
	Invasion of lamina propria/submucosa			
	Invasion of lamina propria			
	Invasion of submucosa			
	Invasion of muscularis propria			
	Invasion beyond muscularis propria			
	Invades pleura, pericardium or diaphragm			
	Invades aorta, vertebrae or trachea			
History of neoadjuvant therapy	<b>Single selection value list:</b>		<b><i>pCR1000 - Neoadjuvant Therapy Indicator</i></b>	<b><i>pCR1000 - Neoadjuvant Therapy Indicator</i></b>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Unknown		9 - Unknown	9 - Unknown
Tumour regression grade	Free text	<i>Only applicable if 'History of neoadjuvant therapy, Yes' is selected.</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>
Tumour regression grade, System	Free text	<i>Only applicable if 'History of neoadjuvant therapy, Yes' is selected.</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>
Proximal margin	<b>Single selection value list:</b>		<b><i>pUG14480 - Excision Margin (Proximal, Distal)</i></b>	<b><i>pUG14510 - Excision Margin (Proximal)</i></b>
	Involved		1 - Margin involved	4 - Carcinoma/Involved
	Not involved		0 - Margin not involved	1 - Normal/Not involved
Distal margin	<b>Single selection value list:</b>		<b><i>pUG14480 - Excision Margin (Proximal, Distal)</i></b>	<b><i>pUG14510 - Excision Margin (Proximal)</i></b>
	Involved		1 - Margin involved	3 - Carcinoma/Involved

	Not involved		0 - Margin not involved	1 - Normal/Not involved
Circumferential margin lower oesophagus	<b>Single selection value list:</b>		<i>pUG14490 - Excision Margin (Circumferential)</i>	<i>pCR1150 - Excision Margin (Circumferential)</i>
	Involved: carcinoma equal or less than 1 mm from CRM		1 - Margin involved	1 - Margin involve
	Not involved: carcinoma more than 1 mm from CRM		0 - Margin not involved	0 - Margin not involved
	Not applicable		9 - Not known	8 - Not applicable
Distance of carcinoma to nearest circumferential margin	Size in mm	<i>Only applicable if 'Not involved' selected for 'Circumferential margin lower oesophagus'.</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
Lymphovascular space invasion	<b>Single selection value list:</b>		<i>pCR0870 - Cancer Vascular or Lymphatic Invasion</i>	<i>pCR0870 - Cancer Vascular or Lymphatic Invasion</i>
	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
Lymph nodes, Total examined	Integer		<i>pCR0890 - Number of Nodes Examined</i>	<i>pCR0890 - Number of Nodes Examined</i>
Lymph nodes, Number positive	Integer		<i>pCR0900 - Number of Nodes Positive</i>	<i>pCR0900 - Number of Nodes Positive</i>
Presence of pM1 disease	<b>Single selection value list:</b>		It might be appropriate to use <i>pCR0930 - M Category (Pathological)</i> if not then record within <i>pCR1020 - Pathology Report Text</i>	It might be appropriate to use <i>pCR0930 - M Category (Pathological)</i> if not then record within <i>pCR1020 - Pathology Report Text</i>
	Yes			
	No			
Complete resection	<b>Single selection value list:</b>		It might be appropriate to use <i>pCR0930 - M Category (Pathological)</i> if not then record within <i>pCR1020 - Pathology Report Text</i>	It might be appropriate to use <i>pCR0930 - M Category (Pathological)</i> if not then record within <i>pCR1020 - Pathology Report Text</i>
	Yes (R0)			
	No (R1 or R2)			

TNM edition number used	UICC8, UICC9	<i>Within COSD, version number and edition are separate but should be reported together</i>	<b><i>pCR6820 - TNM Version Number (Pathological)</i></b>	<b><i>pCR6820 - TNM Version Number (Pathological)</i></b>
			<b><i>pCR6980 - TNM Coding Edition</i></b>	<b><i>pCR6980 - TNM Coding Edition</i></b>
pT category	<b>Single selection value list:</b>  pTX; pT0; pTis; pT1a; pT1b; pT2; pT3; pT4a; pT4b		<b><i>pCR0910 - T Category (Pathological)</i></b> = pT	<b><i>pCR0910 - T Category (Pathological)</i></b> = pT
	ypTX; ypT0; ypTis; ypT1a; ypT1b; ypT2; ypT3; ypT4a; ypT4b			
pN category	<b>Single selection value list:</b>  pNX; pN0; pN1; pN2; pN3a; pN3b		<b><i>pCR0920 - N Category (Pathological)</i></b> = pN	<b><i>pCR0920 - N Category (Pathological)</i></b> = pN
	ypNX; ypN0; ypN1; ypN2; ypN3a; ypN3b			
pM category	<b>Single selection value list:</b>  Not applicable; pM1;	If it is essential to record 'Not applicable' use <b><i>pCR1020 - Pathology Report Text</i></b>	<b><i>pCR0930 - N Category (Pathological)</i></b> = pM	<b><i>pCR0930 - N Category (Pathological)</i></b> = pM
	Not applicable; ypM1;			
SNOMED topography code	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b><i>pCR6410 - Topography (SNOMED) Pathology</i></b> = T	<b><i>pCR6410 - Topography (SNOMED) Pathology</i></b> = T
SNOMED morphology code	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b><i>pCR6420 - Morphology (SNOMED) Pathology</i></b> = M	<b><i>pCR6420 - Morphology (SNOMED) Pathology</i></b> = M
Comments	Free text		<b><i>pCR1020 - Pathology Report Text</i></b>	<b><i>pCR1020 - Pathology Report Text</i></b>