

COSD mapping for Appendix H: Reporting proforma for further investigations for colorectal carcinoma 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>
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>
MLH1 nuclear expression intact	Single selection value list:		<i>pCR7020 - MLH1 Nuclear Expression Intact</i>	<i>pCR7020 - MLH1 Nuclear Expression Intact</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Equivocal		E - Equivocal	E - Equivocal
	Test failed		F - Test failed	F - Test failed
	Not performed		X - Not performed	X - Not performed
PMS2 nuclear expression intact	Single selection value list:		<i>pCR7030 - PMS2 Nuclear Expression Intact</i>	<i>pCR7030 - PMS2 Nuclear Expression Intact</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No

	Equivocal		E - Equivocal	E - Equivocal
	Test failed		F - Test failed	F - Test failed
	Not performed		X - Not performed	X - Not performed
MSH2 nuclear expression intact	Single selection value list:		<i>pCR7040 - MSH2 Nuclear Expression Intact</i>	<i>pCR7040 - MSH2 Nuclear Expression Intact</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Equivocal		E - Equivocal	E - Equivocal
	Test failed		F - Test failed	F - Test failed
	Not performed		X - Not performed	X - Not performed
MSH6 nuclear expression intact	Single selection value list:		<i>pCR7050 - MSH6 Nuclear Expression Intact</i>	<i>pCR7050 - MSH6 Nuclear Expression Intact</i>
	Yes		Y - Yes	Y - Yes
	No		N - No	N - No
	Equivocal		E - Equivocal	E - Equivocal
	Test failed		F - Test failed	F - Test failed
	Not performed		X - Not performed	X - Not performed
Microsatellite instability (MSI) testing	Single selection value list:		<i>pCR7060 - Microsatellite Instability (MSI) Testing</i>	Not in the COSD Pathology data set v5.1.1, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	MSI-high		H - MSI-high	
	MSI-low		L - MSI-low	
	MS-stable		S - MS-stable	

	Test failed		F - Test failed	
	Not performed		X - Not performed	
MLH1 promoter hypermethylation testing	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
	Present			
	Absent			
	Test failed			
	Not performed			
BRAF V600E mutation testing	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
	Present			
	Absent			
	Test failed			
	Not performed			
KRAS mutation testing	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
	Present			
	Absent			
	Test failed			
	Not performed			
KRAS mutation testing, specify	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
NRAS mutation testing	Single selection value list:		Not in the COSD Pathology data set,	Not in the COSD Pathology data set,

	Present		although could be recorded within pCR1020 - Pathology Report Text	although could be recorded within pCR1020 - Pathology Report Text
	Absent			
	Test failed			
	Not performed			
NRAS mutation testing, specify	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
NTRK fusion immunohistochemistry screening	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
	Present			
	Absent			
	Test failed			
	Not performed			
NTRK fusion NGS testing	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
	Present			
	Absent			
	Test failed			
	Not performed			
NTRK fusion NGS testing, specify	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text
Multi-gene panel testing	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
	Performed			
	Not performed			

Multi-gene panel testing, method used	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Multi-gene panel testing, actionable molecular aberrations	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Exome sequencing	Single selection value list:		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>
	Performed			
	Not performed			
Exome sequencing, method used	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Exome sequencing, actionable molecular aberrations	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Whole genome sequencing	Single selection value list:		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>
	Performed			
	Not performed			
Whole genome sequencing, method used	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
Whole genome sequencing, actionable molecular aberrations	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>
SNOMED topography code	T...	<i>May have multiple codes.</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>

		<i>Look up from SNOMED tables.</i>		
SNOMED morphology code	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	pCR6420 - Morphology (SNOMED) Pathology = M	pCR6420 - Morphology (SNOMED) Pathology = M