

## COSD mapping for Appendix D: Reporting proforma for prostatic biopsies 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)

			<b>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</b>	<b>pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)</b>
<b>Pre-biopsy PSA</b>	Numerical value in ng/nml		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>
<b>Pre-biopsy PSA availability</b>	<b>Single selection value list:</b>	<i>Not applicable if a value is given for 'Pre-biopsy PSA.</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>
	Not available			
	Not applicable			
<b>Pre-biopsy MRI</b>	Free text		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>
<b>Type of specimen</b>	<b>Multiple selection value list:</b>		<b>CR0760 – Pathology Investigation Type (All values)</b>	<b>CR0760 – Pathology Investigation Type (All values)</b>
	TRUS biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	Transperineal		BU (Biopsy NOS)	BU (Biopsy NOS)
	Targeted		BU (Biopsy NOS)	BU (Biopsy NOS)
	Other		BU (Biopsy NOS)	BU (Biopsy NOS)
			<b>CR0970 – Specimen Nature (All values)</b>	<b>CR0970 – Specimen Nature (All values)</b>
			1 (Primary tumour)	1 (Primary tumour)
<b>Type of specimen, other (specify)</b>	Free Text	<i>Only applicable if 'Type of specimen – Other' selected</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>
<b>Systematic Right side, location [n]</b>	Free Text	<i>Repeating data item, n value increases as required</i>	Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

			recorded within <b>pCR1020 - Pathology Report Text</b>	recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Systematic Right side, number taken [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>
<b>Systematic Right side, number received [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>
<b>Systematic Left side, location [n]</b>	Free Text	<i>Repeating data item, n value increases as required</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>
<b>Systematic Left side, number taken [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>
<b>Systematic Left side, number received [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>
<b>Target, location [n]</b>	Free Text	<i>Repeating data item, n value increases as required</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>
<b>Target, number taken [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>
<b>Target, number received [n]</b>	Integer	<i>Repeating data item, n value increases as required</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>

<b>Histological tumour type</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>
	Acinar adenocarcinoma			
	Prostatic ductal adenocarcinoma			
	Small cell neuroendocrine carcinoma			
	Other			
<b>Histological tumour type, Other specify</b>	Free text	<i>Only applicable if 'Histological tumour type – Other' selected</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>
<b>Total number of right cores</b>	Integer	<i>May be calculated from Right side, number received [n]</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>
<b>Number of right cores involved</b>	Integer	<i>Only applicable if total number of cores &gt;0</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>
<b>Location of involved right cores</b>	Free text	<i>Only applicable if total number of cores &gt;0</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>
<b>Total number of left cores</b>	Integer	<i>May be calculated from Left side, number received [n]</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>
<b>Number of left cores involved</b>	Integer	<i>Only applicable if total number of cores &gt;0</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>
<b>Location of involved left cores</b>	Free text	<i>Only applicable if total number of cores &gt;0</i>	Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

			recorded within <b>pCR1020 - Pathology Report Text</b>	recorded within <b>pCR1020 - Pathology Report Text</b>
<b>Total number of other cores</b>	Integer	<i>May be calculated from Other, number received [n]</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>
<b>Number of other cores involved</b>	Integer	<i>Only applicable if total number of cores &gt;0</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>
<b>Location of involved other cores</b>	Free text	<i>Only applicable if total number of cores &gt;0</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>
<b>Total number of systematic cores</b>	Integer	<i>May be calculated from sum of 'Total number of left cores', 'Total number of right cores'</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>
<b>Total number of systematic cores involved</b>	Integer	<i>May be calculated from sum of 'Total number of left cores involved', 'Total number of right cores involved'</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>
<b>Total number of targeted cores</b>	Integer	<i>May be calculated from sum of targeted cores</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>
<b>Total number of targeted cores involved</b>	Integer	<i>May be calculated from sum of 'Total number of targeted involved'</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>
<b>Longest length of cancer in 1 core</b>	Distance in mm		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>

<b>Location of longest length of cancer in 1 core</b>	Free text		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>
<b>Perineural invasion</b>	<b>Single selection value list:</b>		<b>pUR15240 - Perineural invasion</b>	<b>pCR1100 - Perineural invasion</b>
	Not identified		N - No (Not Identified)	2 - Not Identified
	Present		Y - Yes (Present)	1 - Present
<b>Extraprostatic extension</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>
	Not identified			
	Present			
<b>Gleason score, applicable</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>
	Applicable			
	Not applicable			
<b>Gleason score, primary Gleason grade</b>	<b>Single selection value list:</b>		<b>pUR15210 - Gleason Grade (Primary)</b>	<b>pUR15350 - Biopsy Gleason Grade (Primary)</b>
	3			
	4			
	5			
	Not applicable			
<b>Gleason score, secondary Gleason grade</b>	<b>Single selection value list:</b>		<b>pUR15220 - Gleason Grade (Secondary)</b>	<b>pUR15360 - Biopsy Gleason Grade (Secondary)</b>
	3			
	4			
	5			
	Not applicable			
<b>Gleason score, total</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>
	6			
	7			
	8			
	9			
	10			

	Not applicable			
Grade group	Single selection value list:		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>
	1			
	2			
	3			
	4			
	5			
	Not applicable			
Percentage Gleason pattern 4	Single selection value list:		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>
	<5%			
	5-<10%			
	10-<20%			
	20-<30%			
	30-<40%			
	40-<50%			
	50-<60%			
	60-<70%			
	70-<80%			
	80-<90%			
	90-100%			
	Not applicable			
Invasive cribriform and/or intraductal carcinoma	Single selection value list:		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>
	Not Present			
	Present			
Representative block for molecular studies	Single selection value list:		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>
	0-20%			
	20-30%			
	31-40%			
	41-50%			

	51-60%			
	61-70%			
	71-80%			
	91-100%			
	Not applicable			
<b>SNOMED topography code</b>	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b><i>pCR6410 - Topography (SNOMED) Pathology = T</i></b>	<b><i>pCR6410 - Topography (SNOMED) Pathology = T</i></b>
<b>SNOMED morphology code</b>	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<b><i>pCR6420 - Morphology (SNOMED) Pathology = M</i></b>	<b><i>pCR6420 - Morphology (SNOMED) Pathology = M</i></b>
<b>Further comments</b>	Free text		<b><i>pCR1020 - Pathology Report Text</i></b>	<b><i>pCR1020 - Pathology Report Text</i></b>