

## 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)
<b>Surname</b>			<i>CR0050 - Person Family Name</i>	<i>CR0050 - Person Family Name</i>
<b>Forenames</b>			<i>CR0060 - Person Given Name</i>	<i>CR0060 - Person Given Name</i>
<b>Date of birth</b>			<i>CR0100 - Person Birth Date</i>	<i>CR0100 - Person Birth Date</i>
<b>Sex</b>			<i>CR3170 - Person Stated Gender Code</i>	<i>CR3170 - Person Stated Gender Code</i>
<b>Hospital</b>			<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>	<i>pCR0800 - Organisation Identifier (of Reporting Pathologist)</i>
<b>Hospital no</b>			<i>CR0020 - Local Patient Identifier</i>	<i>CR0020 - Local Patient Identifier</i>
<b>NHS/CHI no</b>		<i>CHI number not recorded in COSD</i>	<i>CR0010 - NHS Number</i>	<i>CR0010 - NHS Number</i>
<b>Date of receipt</b>			<i>pCR0770 - Sample Receipt Date</i>	<i>pCR0770 - Sample Receipt Date</i>
<b>Date of reporting</b>			<i>pCR0780 - Investigation Result Date</i>	<i>pCR0780 - Investigation Result Date</i>
<b>Report no</b>			<i>pCR0950 - Service Report Identifier</i>	<i>pCR0950 - Service Report Identifier</i>
<b>Pathologist</b>			<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>
<b>Pre-biopsy PSA</b>	Numerical value in ng/nml		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>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Not available		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>
	Not applicable		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>
<b>Pre-biopsy MRI</b>	Free text		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>
<b>Type of specimen</b>	<b>Multiple selection value list:</b>		<b><i>CR0760 - Pathology Investigation Type (All values)</i></b>	<b><i>CR0760 - Pathology Investigation Type (All values)</i></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><i>CR0970 - Specimen Nature (All values)</i></b>	<b><i>CR0970 - Specimen Nature (All values)</i></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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<b>Systematic Lef 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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>

<b>Histological tumour type</b>	<b>Multiple selection value list:</b>			
	Acinar adenocarcinoma		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>
	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><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>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><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>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><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>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><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>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><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>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><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>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 <i>pCR1020 - Pathology Report Text</i>	recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<b>Longest length of cancer in 1 core</b>	Distance in mm		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>

<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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
<b>Perineural invasion</b>	<b>Single selection value list:</b>		<i>pUR15240 - Perineural invasion</i>	<i>pCR1100 - Perineural invasion</i>
	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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	Applicable			
	Not applicable			
<b>Gleason score, primary Gleason grade</b>	<b>Single selection value list:</b>		<i>pUR15210 - Gleason Grade (Primary)</i>	<i>pUR15350 - Biopsy Gleason Grade (Primary)</i>
	3			
	4			
	5			
	Not applicable			
<b>Gleason score, secondary Gleason grade</b>	<b>Single selection value list:</b>		<i>pUR15220 - Gleason Grade (Secondary)</i>	<i>pUR15360 - Biopsy Gleason Grade (Secondary)</i>
	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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	6			
	7			
	8			
	9			
	10			

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

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