

## COSD mapping for Appendix F: Reporting proforma for radical prostatectomies 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>Surgeon</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>
<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>Specimen weight</b>	Weight in g		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>Specimen vesicles</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>
	Present			
	Absent			
<b>Seminal vesicle, laterality</b>	<b>Single selection value list:</b>	<i>Not applicable if 'Seminal vesicles – absent' is 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>
	Left			
	Right			
	Bilateral			
	Not applicable			
<b>Lymph nodes</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>
	Present			
	Absent			
	<b>Single selection value list:</b>			

<b>Lymph nodes, laterality</b>	Left	<i>Not applicable if 'Lymph nodes – absent' is 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>
	Right			
	Pre-prostatic			
	Not applicable			
<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			
	No tumour			
	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>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>Primary Gleason grade</b>	<b>Single selection value list:</b>		<b>pUR15210 - Gleason Grade (Primary)</b>	<b>pUR15370 - Non-Biopsy Gleason Grade (Primary)</b>
	2			
	3			
	4			
	5			
	Not applicable			
<b>Secondary Gleason grade</b>	<b>Single selection value list:</b>		<b>pUR15220 - Gleason Grade (Secondary)</b>	<b>pUR15380 - Non-Biopsy Gleason Grade (Secondary)</b>
	2			
	3			
	4			
	5			

	Not applicable			
Tertiary Gleason grade	Single selection value list:		<i>pUR15230 - Gleason Grade (Tertiary)</i>	<i>pUR15390 - Non-Biopsy Gleason Grade (Tertiary)</i>
	3			
	4			
	5			
	Not applicable			
Gleason score, total	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>
	4			
	5			
	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 <i>pCR1020 - Pathology Report Text</i>	Not in the COSD Pathology data set, although could be recorded within <i>pCR1020 - Pathology Report Text</i>
	1			
	2			
	3			
	4			
	5			
	Not applicable			
Location of dominant tumour	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>
Extraprostatic extension	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>
	Not identified			
	Present			
	Indeterminate			

<b>Location of extraprostatic extension</b>	Free text	<i>Not applicable if 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>
<b>Extent of extraprostatic extension</b>	<b>Single selection value list:</b>	<i>Not applicable if 'Extraprostatic extension' is '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>
	Focal			
	Established			
	Not applicable			
<b>Bladder neck involvement</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>
	Involved			
	Not involved			
	Not applicable			
<b>Seminal vesicle involvement</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>
	Involved			
	Not involved			
	Not applicable			
<b>Margin status</b>	<b>Single selection value list:</b>		<b>pCR0880 - Excision Margin</b>	<b>pCR0880 - Excision Margin</b>
	Involved		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	Not involved		01 - Excision margins are clear (distance from margin not stated)	01 - Excision margins are clear (distance from margin not stated)
	Indeterminate		06 - Uncertain	06 - Uncertain
<b>Margin extent</b>	<b>Single selection value list:</b>	<i>Not applicable if 'Margin status' is 'Not applicable'.</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>
	<3mm			
	≥3 mm			
	Not applicable			
<b>Margin location</b>	<b>Multiple selection value list:</b>	<i>Not applicable if 'Margin status' is 'Not applicable'.</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>
	Apical			
	Bladder neck			
	Circumferential			

	Not applicable			
<b>Circumferential margin, type</b>	<b>Multiple selection value list:</b>	<i>Not applicable if 'Margin location – Circumferential' is not 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>
	Intraprostatic			
	Extraprostatic			
	Not applicable			
<b>Circumferential margin, location</b>	Free text	Not applicable if 'Margin location – Circumferential' is not selected.	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>Lymphovascular invasion</b>	<b>Single selection value list:</b>		<b>pCR0870 - Cancer Vascular or Lymphatic Invasion</b>	<b>pCR0870 - Cancer Vascular or Lymphatic Invasion</b>
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
	Present		YU - Yes - vascular/lymphatic invasion present	YU - Yes - vascular/lymphatic invasion present
<b>Invasive cribriform and/or intraductal carcinoma</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 Present			
	Present			
<b>Representative block for molecular studies</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>
	0-20%			
	20-30%			
	31-40%			
	41-50%			
	51-60%			
	61-70%			
	71-80%			
	91-100%			
	Not applicable			

<b>Number of lymph nodes examined</b>	Integer		<b><i>pCR0890 - Number of Nodes Examined</i></b>	<b><i>pCR0890 - Number of Nodes Examined</i></b>
<b>Number of positive lymph nodes</b>	Integer		<b><i>pCR0900 - Number of Nodes Positive</i></b>	<b><i>pCR0900 - Number of Nodes Positive</i></b>
<b>Maximum dimension of largest deposit</b>	Size in mm		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>T category</b>	<b>Single selection value list:</b>		<b><i>pCR0910 - T Category (Pathological)</i></b> = pT	<b><i>pCR0910 - T Category (Pathological)</i></b> = pT
	pT0			
	pT2			
	pT3a			
	pT3b			
	pT4			
<b>N category</b>	<b>Single selection value list:</b>		<b><i>pCR0920 - N Category (Pathological)</i></b> = pN	<b><i>pCR0920 - N Category (Pathological)</i></b> = pN
	pNx			
	pN0			
	pN1			
<b>TNM edition number used</b>	Free text	<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>
<b>SNOMED topography code</b>	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
<b>SNOMED morphology code</b>	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
<b>Further comments</b>	Free text		<b><i>pCR1020 - Pathology Report Text</i></b>	<b><i>pCR1020 - Pathology Report Text</i></b>