

COSD mapping for Appendix I: Reporting proforma for renal biopsy specimens 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>
Nature of specimen	Single selection value list:		<i>pCR0760 - Pathology Investigation Type (All values)</i>	<i>pCR0760 - Pathology Investigation Type (All values)</i>
	Core biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
	Wedge biopsy		BU (Biopsy NOS)	BU (Biopsy NOS)
			<i>pCR0970 - Specimen Nature (All values)</i>	<i>pCR0970 - Specimen Nature (All values)</i>
			1 (Primary tumour)	1 (Primary tumour)
Specimen laterality	Single selection value list:		<i>pCR0820 - Tumour Laterality (Pathological)</i>	<i>pCR0820 - Tumour Laterality (Pathological)</i>
	Right		R - Right	R - Right
	Left		L - Left	L - Left
	Other (e.g.horseshoe)			
Left focality	Single selection value list:	<i>Only applicable if 'Specimen laterality, Left' is 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>
	Unifocal	<i>Only applicable if 'Specimen laterality, Left' is 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>
	Multifocal			
Right focality	Single selection value list:	<i>Only applicable if 'Specimen laterality, Right' is 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>
	Unifocal	<i>Only applicable if 'Specimen laterality, Right' is 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>
	Multifocal			
Specimen laterality, Other specify	Free text	<i>Only applicable if 'Specimen laterality, Other' is selected.</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>
Other focality	Single selection value list:	<i>Only applicable if 'Specimen laterality, Other' is 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>
	Unifocal			
	Multifocal			
Histological tumour type	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>
	Clear cell renal cell carcinoma			
	Multilocular cystic renal cell neoplasm of low malignant potential			
	Papillary renal cell carcinoma, type 1			
	Papillary renal cell carcinoma, type 2			
	Papillary renal cell carcinoma, oncocytic			
	Papillary renal cell carcinoma, NOS			
	Hereditary leiomyomatosis renal cell carcinoma-associated renal cell carcinoma			
	Chromophobe renal cell carcinoma			
	Hybrid oncocytic chromophobe tumour			
	Collecting duct carcinoma			
	Renal medullary carcinoma			

	MiT family associated translocation renal cell carcinomas, Xp11			
	MiT family associated translocation renal cell carcinomas, t(6;11)			
	MiT family associated translocation renal cell carcinomas, Other			
	Succinate dehydrogenase (SDH)-deficient renal cell carcinoma			
	Mucinous tubular and spindle cell carcinoma			
	Tubulocystic renal cell carcinoma			
	Acquired cystic disease-associated renal cell carcinoma			
	Clear cell papillary renal cell carcinoma			
	Renal cell carcinoma, unclassified			
	Other			
Histological tumour type, MiT family associated translocation renal cell carcinomas, Other, specify	Free text	<i>Only applicable if 'Histological tumour type, MiT family associated translocation renal cell carcinomas, Other' is selected.</i>	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
Histological tumour type, other specify	Free text	<i>Only applicable if 'Histological tumour type, Other' is selected.</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>
WHO/ISUP tumour grade	Single selection value list:		<i>pCR0860 - Grade of Differentiation (Pathological)</i>	<i>pCR0860 - Grade of Differentiation (Pathological)</i>
	Not applicable			
	GX		GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed
	G1		G1 - Well differentiated	G1 - Well differentiated
	G2		G2 - Moderately differentiated	G2 - Moderately differentiated
	G3		G3 - Poorly differentiated	G3 - Poorly differentiated
	G4		G4 - Undifferentiated / anaplastic	G4 - Undifferentiated / anaplastic
Sarcomatoid morphology	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>
	Present			
	Not identified			
Rhabdoid morphology	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>
	Present			
	Not identified			
Tumour necrosis	Single selection value list:		<i>pUR15130 - Tumour Necrosis Indicator</i>	<i>pUR15130 - Tumour Necrosis Indicator</i>
	Present		2 - Microscopic (coagulative)	2 - Microscopic (coagulative)
	Not identified		3 - Not identified	3 - Not identified
Lymphovascular space invasion	Single selection value list:		<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
	Single selection value list:			

Co-existing pathology in non-neoplastic kidney	Insufficient tissue for evaluation		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>
	No background pathology identified			
	Present			
Co-existing pathology in non-neoplastic kidney, specify	Free text	<i>Only applicable if 'Co-existing pathology in non-neoplastic kidney, Present' is 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>
SNOMED topography code	T...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>	<i>pCR6410 - Topography (SNOMED) Pathology = T</i>
SNOMED morphology code	M...	<i>May have multiple codes. Look up from SNOMED tables.</i>	<i>pCR6420 - Morphology (SNOMED) Pathology = M</i>	<i>pCR6420 - Morphology (SNOMED) Pathology = M</i>
Further comments	Free text		<i>pCR1020 - Pathology Report Text</i>	<i>pCR1020 - Pathology Report Text</i>