

COSD mapping for Appendix F: Reporting proforma for paediatric renal tumours 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)

			pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)	pCR7120 - Professional Registration Entry Identifier - Consultant (Pathology Test Requested By)
Surgeon			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
Prechemotherapy open biopsy	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
	Yes			
	No			
	Not stated			
Preoperative chemotherapy	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
	Yes			
	No			
	Not stated			
Pre- or intraoperative tumour rupture	Single selection value list:		pCT6610 - Tumour Rupture	pCT6610 - Tumour Rupture
	Yes		Y- Yes	Y- Yes
	No		N- No	N- No
	Not stated		X- Not stated	X- Not stated
Tumour site	Single selection value list:		pCR0820 - Tumour Laterality (Pathological)	pCR0820 - Tumour Laterality (Pathological)
	Left		L- Left	L- Left
	Right		R- Right	R- Right
	Not stated			
Tumour bilateral	Single selection value list:	If bilateral, complete separate forms for left and right.	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
	Yes			
	No			
Nephrectomy unilateral or bilateral	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
	Unilateral			
	Bilateral			

Unilateral nephrectomy total or partial	Single selection value list:	Only applicable if 'Unilateral' is selected for 'Nephrectomy unilateral or bilateral'. Not in the COSD Pathology data set, although could be recorded within CR1020 - Pathology Report Text in addition to pCR0760 & pCR0970	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Total		RE(Radical Excision)	RE(Radical Excision)
	Partial		PE(Partial excision)	PE(Partial excision)
Left nephrectomy total or partial	Single selection value list:	Only applicable if 'Unilateral' is selected for 'Nephrectomy unilateral or bilateral'. Not in the COSD Pathology data set, although could be recorded within CR1020 - Pathology Report Text in addition to pCR0760 & pCR0970	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Total		RE(Radical Excision)	RE(Radical Excision)
	Partial		PE(Partial excision)	PE(Partial excision)
Right nephrectomy total or partial	Single selection value list:	Only applicable if 'Unilateral' is selected for 'Nephrectomy unilateral or bilateral'. Not in the COSD Pathology data set, although could be recorded within CR1020 - Pathology Report Text in addition to pCR0760 & pCR0970	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Total		RE(Radical Excision)	RE(Radical Excision)
	Partial		PE(Partial excision)	PE(Partial excision)
Total weight of specimen with tumour	Weight in grams		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

			recorded within pCR1020 - Pathology Report Text	recorded within pCR1020 - Pathology Report Text
Size of specimen	Size in mm in three dimensions		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
Location of tumour	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
	Lower pole			
	Upper pole			
	Whole kidney			
	Multifocal			
Tumour multifocal	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
	Yes			
	No			
	Uncertain			
Number of tumour foci	Integer	Only applicable if 'Tumour multifocal' is selected.	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
Specimen received intact from operating theatre?	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
	Yes			
	No			
	Uncertain			
Renal capsule grossly intact?	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
	Yes			
	No			
	Uncertain			
Surface inked?	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
	Yes			
	No			

Surface inked timing	Single selection value list:	Not applicable if 'Surface inked' is 'No'.	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
	Before opening specimen			
	After opening specimen			
	Not applicable			
Percentage of necrosis/regressive changes on gross examination, specify	Number between 0 and 100		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
Percentage of necrosis/regressive changes on histological examination	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
	<65%			
	65-99%			
	100%			
Percentage of necrosis/regressive changes on histological examination, specify	Number between 0 and 99.99	Not to be completed if 'Percentage of necrosis/regressive changes on histological examination' is '100%'.	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
Percentage of blastema	Number between 0 and 100		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
Percentage of epithelium	Number between 0 and 100		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
Percentage of stroma	Number between 0 and 100		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
	Single selection value list:		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	Yes			

Anaplastic nephroblastoma	No		recorded within pCR1020 - Pathology Report Text	recorded within pCR1020 - Pathology Report Text
	Uncertain			
Anaplastic nephroblastoma, subclassify	Single selection value list:	Not applicable if 'Anaplastic nephroblastoma' is 'No'.	pCT6620 - Anaplastic Nephroblastoma	pCT6620 - Anaplastic Nephroblastoma
	Focal		F - Focal	F - Focal
	Diffuse		D - Diffused	D - Diffuse
	Uncertain		U - Uncertain	U - Uncertain
	Not applicable		N - No	
Perirenal fat invasion	Single selection value list:		pCT6630 - Perirenal Fat Invasion	pCT6630 - Perirenal Fat Invasion
	Yes		Y- Yes	Y- Yes
	No		N - No	N - No
	Uncertain		U - Uncertain	U - Uncertain
Renal sinus invasion	Single selection value list:		pCT6640 - Renal Sinus Invasion	pCT6640 - Renal Sinus Invasion
	Yes		Y- Yes	Y- Yes
	No		N - No	N - No
	Uncertain		U - Uncertain	U - Uncertain
Perirenal vessels invasion	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
	Yes			
	No			
	Uncertain			
Renal vein tumour	Single selection value list:		pCT6650 - Renal Vein Tumour	pCT6650 - Renal Vein Tumour
	Yes		Y- Yes	Y- Yes
	No		N - No	N - No
	Uncertain		U - Uncertain	U - Uncertain
Resection margins involved	Single selection value list:		pCT0880 - Excision Margin	pCT0880 - Excision Margin
	Yes		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin

	No		01 - Excision margins are clear (distance from margin not stated)	01 - Excision margins are clear (distance from margin not stated)
	Uncertain		06 - Uncertain	06 - Uncertain
Resection margin tumour viable	Single selection value list:	Not applicable if 'Resection margins involved' is 'No' or 'Uncertain'.	pCT6680 - Viable Tumour at Resection Margin	pCT6680 - Viable Tumour at Resection Margin
	Viable		V- Viable	V- Viable
	Non-viable		N- Non-viable	N- Non-viable
	Not applicable		X- Not applicable	X- Not applicable
Lymph nodes examined	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
	Yes			
	No			
Hilar, number of nodes identified	Integer		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
Hilar, number of negative nodes	Integer		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
Hilar, number of positive nodes	Integer		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
Hilar, number of uncertain nodes	Integer		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
Hilar, type of nodal involvement	Single selection value list:	Not applicable if 'Hilar, number of positive nodes' is '0'.	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
	Viable			
	Non-viable			
	Both			

	Not applicable			
Para-aortic, number of nodes identified	Integer		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
Para-aortic, number of negative nodes	Integer		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
Para-aortic, number of positive nodes	Integer		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
Para-aortic, number of uncertain nodes	Integer		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
Para-aortic, type of nodal involvement	Single selection value list: Viable Non-viable Both Not applicable	Not applicable if 'Para-aortic, number of positive nodes' is '0'.	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
Other, number of nodes identified	Integer		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
Other, number of negative nodes	Integer		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
Other, number of positive nodes	Integer		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

Other, number of uncertain nodes	Integer		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
Other, type of nodal involvement	Single selection value list:	Not applicable if 'Other, Number of positive nodes' is '0'.	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
	Viable			
	Non-viable			
	Both			
	Not applicable			
Total number of positive lymph nodes	Integer		pCR0900 - Number of Nodes Positive	pCR0900 - Number of Nodes Positive
Risk group	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
	Low risk			
	Intermediate risk			
	High risk			
Low Risk	Single selection value list:	Only completed if 'Risk group' is 'Low risk'.	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
	Pre-treated case: Mesoblastic nephroma			
	Pre-treated case: Cystic partially differentiated nephroblastoma			
	Pre-treated case: Completely necrotic nephroblastoma			
	Primary nephrectomy case: Mesoblastic nephroma			
	Primary nephrectomy case: Cystic partially differentiated nephroblastoma			
	Single selection value list:			

Intermediate risk	Pre-treated case: Nephroblastoma – epithelial type	Only completed if 'Risk group' is 'Intermediate risk'.	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
	Pre-treated case: Nephroblastoma – stromal type			
	Pre-treated case: Nephroblastoma – mixed type			
	Pre-treated case: Nephroblastoma – regressive type			
	Pre-treated case: Nephroblastoma – focal anaplasia			
	Primary nephrectomy case: Non-anaplastic nephroblastoma and its variants			
	Primary nephrectomy case: Nephroblastoma – focal anaplasia			
High risk	Single selection value list:	Only completed if 'Risk group' is 'High risk'.	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
	Pre-treated case: Nephroblastoma – blastemal type			
	Pre-treated case: Nephroblastoma – diffuse anaplasia			
	Pre-treated case: Clear cell sarcoma of the kidney			
	Pre-treated case: Rhabdoid tumour of the kidney			

	Primary nephrectomy case: Nephroblastoma – diffuse anaplasia			
	Primary nephrectomy case: Clear cell sarcoma of the kidney			
	Primary nephrectomy case: Rhabdoid tumour of the kidney			
Tumour local SIOP stage (2018)	Single selection value list: I II III		pCT6670 - Tumour Local Stage (Pathological) 1 - Stage I 2 - Stage II 3 - Stage III	pCT6670 - Tumour Local Stage (Pathological) 1 - Stage I 2 - Stage II 3 - Stage III
Reason for stage	Free text		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
SNOMED topography code	T...	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology=T	pCR6410 - Topography (SNOMED) Pathology=T
SNOMED morphology code	M...	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology=M	pCR6420 - Morphology (SNOMED) Pathology=M
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text