COSD mapping for Appendix G: Histopathology reporting proforma for phaeochromocytoma and paraganglioma 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
Operative procedure	Single selection value list:	To specify 'open resection procedure', use pCR1020 Pathology Report Text	pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Not specified		99 (Uncertain/other)	99 (Uncertain/other)
	Biopsy (incisional)		IB (Incisional Biopsy)	IB (Incisional Biopsy)
	Biopsy (core needle, excisional)		BU (Biopsy NOS)	BU (Biopsy NOS)
	Open resection, specify procedure, including other organs if present (e.g. adrenal resection and liver biopsy)		96 (Uncertain/other)	96 (Uncertain/other)
	Laparoscopic		97 (Uncertain/other)	97 (Uncertain/other)
	Organ-sparing		98 (Uncertain/other)	98 (Uncertain/other)
	Other (e.g. conversion, laparoscopic to open), specify		99 (Uncertain/other)	99 (Uncertain/other)
			pCR0970 – Specimen Nature (All values)	pCR0970 – Specimen Nature (All values)
			1 (Primary tumour)	1 (Primary tumour)
			4 (Regional Lymph Nodes)	4 (Regional Lymph Nodes)
Operative procedure, other (specify)	Free text	Only applicable if Operative procedure, 'Other, specify' 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
	Single selection value list:			

Specimens submitted	Adrenal gland			Not in the COSD Pathology data set, although could be recorded within pCR1020 - Pathology Report Text
	- Left			
	- Right			
	Biopsy tissue, specify site(s) and laterality			
	Lymph nodes, specify biopsy/ dissection, site(s) and laterality			
	Other, specify site(s) and laterality			
Tumour focality	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
	Unifocal			
	Indeterminate			
	Cannot be assessed, specify			
	Multiple			
	- Multifocal (separate tumours in the same organ), specify number of tumours			
	- Multiple tumours in separate organs, specify number of tumours			
Tumour site, specify site and laterality	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
Specimen integrity	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
	Specimen intact			
	Fragmented specimen			
	Cannot be assessed, specify			
Maximum tumour dimension (largest tumour)	Size in mm	If it is important to record 'Cannot be assessed', use pCR1020 - Pathology Report Text	pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)

Histological tumour type	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
	Phaeochromocytoma			
	Extra-adrenal paraganglioma			
	Composite phaeochromocytoma			
	Composite paraganglioma			
	Other, specify			
If composite tumour, histologic second component is	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
	Neuroblastoma			
	Ganglioneuroblastoma			
	Ganglioneuroma			
	Malignant peripheral nerve sheath tumour			
Medullary hyperplasia	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
	Present			
	Absent			
	Cannot be assessed			
Mitotic count ……. / 2mm²	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
Ki-67 %	Range 0-100	If it is important to record 'Cannot be assessed, specify', use pCR1020 - Pathology Report Text	pCR7010 - Ki-67 RESULT	pCR7010 - Ki-67 RESULT
Lymphovascular invasion	Single selection value list:	To record 'Other, specify', use pCR1020 - Pathology Report Text	pCR0870 - Cancer Vascular or Lymphatic Invasion	pCR0870 - Cancer Vascular or Lymphatic Invasion
	Not identified		NU - No - vascular/lymphatic invasion not present	NU - No - vascular/lymphatic invasion not present
	Present		YL - Yes - Lymphatic invasion only present	YL - Yes - Lymphatic invasion only present
	- Adrenal vein		YL - Yes - Lymphatic invasion only present	YL - Yes - Lymphatic invasion only present

			YL- Yes - Lymphatic invasion only present	YL- Yes - Lymphatic invasion only present
	- Other, specify			
Extent of 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
	Cannot be assessed			
	Microscopic transcapsular penetration of tumour capsule within an organ			
	Microscopic transcapsular penetration of organ capsule			
	Invasion into peritumoural soft tissue			
	Invasion into adjacent structure(s)/organ(s), specify			
Margin status	Single selection value list:	To record 'Location of involved margin(s)' and to specify why the margin status 'cannot be assessed', use pCR1020 - Pathology Report Text	pCR0880 - Excision Margin	pCR0880 - Excision Margin
	Not involved (R0)		01 - Excision margins are clear (distance from margin not stated)	01 - Excision margins are clear (distance from margin not stated)
	Involved (R1, microscopic)		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	Involved (R2, macroscopic)		05 - Tumour reaches excision margin	05 - Tumour reaches excision margin
	Location of involved margin(s), specify if possible			
	Cannot be assessed, specify		06 - Uncertain	06 - Uncertain
Number of lymph nodes examined	Integer		pCR0890 - Number of Nodes Examined	pCR0890 - Number of Nodes Examined
Number of involved lymph nodes	Integer		pCR0900 - Number of Nodes Positive	pCR0900 - Number of Nodes Positive
Histologically confirmed distant	Free text		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be

metastasis (specify site)			recorded within pCR1020 - Pathology Report Text	recorded within pCR1020 - Pathology Report Text
Pathological Staging	Single selection value list: m – multiple primary tumours r – recurrent y – post-therapy		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
TNM edition number used	UICC8, UICC9	Within COSD, version number and edition are separate but should be reported together	pCR6820 - TNM Version Number (Pathological) pCR6980 - TNM Coding Edition	pCR6820 - TNM Version Number (Pathological) pCR6980 - TNM Coding Edition
Primary tumour (pT)*	Single selection value list: TX Primary tumour cannot be assessed T1 Phaeochromocytoma <5 cm in greatest dimension, no extra-adrenal extension T2 Phaeochromocytoma ≥5 cm or paraganglioma – sympathetic of any size, no extra-adrenal invasion T3 Tumour of any size with invasion into surrounding tissues (e.g. liver, pancreas, spleen, kidneys)	*Phaeochromocytoma: within adrenal gland; Paraganglioma sympathetic: functional; Paraganglioma parasympathetic: often non-functional, and located in the head and neck. Note: Parasympathetic paragangliomas are not staged.	pCR0910 - T Category (Pathological)	pCR0910 - T Category (Pathological)
Regional lymph nodes (pN)	Single selection value list: NX Regional lymph nodes cannot be assessed N0 No regional lymph node metastasis N1 Regional lymph node metastasis		pCR0920 - N Category (Pathological)	pCR0920 - N Category (Pathological)

SNOMED topography code	Free text	May have multiple codes. Look up from SNOMED tables.	pCR6410 - Topography (SNOMED) Pathology	pCR6410 - Topography (SNOMED) Pathology
SNOMED morphology code	Free text	May have multiple codes. Look up from SNOMED tables.	pCR6420 - Morphology (SNOMED) Pathology	pCR6420 - Morphology (SNOMED) Pathology
Further comments	Free text		pCR1020 - Pathology Report Text	pCR1020 - Pathology Report Text