

COSD mapping for Appendix F: Histopathology reporting proforma for adrenal cortical carcinoma 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:		pCR0760 – Pathology Investigation Type (All values)	pCR0760 – Pathology Investigation Type (All values)
	Not specified		99 (Uncertain/other)	99 (Uncertain/other)
	Adrenalectomy, total/partial		EX(Excision)	EX(Excision)
	Open/laparoscopic		99 (Uncertain/other)	99 (Uncertain/other)
	Biopsy (incisional)		IB (Incisional Biopsy)	IB (Incisional Biopsy)
	Biopsy (excisional)		BU (Biopsy NOS)	BU (Biopsy NOS)
	Other, 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
Specimens submitted	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
	Not specified			
	Adrenal tumour			
	- Left			
	- Right			
	Lymph nodes, specify site(s) and laterality			

	Other (e.g. metastatic site), specify site(s) and laterality			
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			
	Capsule disrupted			
	Fragmented specimen			
	Cannot be assessed, specify			
Maximum tumour dimension (largest tumour)	Size in mm	If it is important to record 'Dimension cannot be assessed', use pCR1020 - Pathology Report Text	pCR0830 - Lesion Size (Pathological)	pCR0830 - Lesion Size (Pathological)
Tumour weight	weight in g	If it is important to record 'Weight cannot be assessed', use pCR1020 - Pathology Report 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
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
	Adrenal cortical carcinoma (select from options below)			
	- Not otherwise specified (NOS)			
	- Oncocytic type			
	- Myxoid type			
	- Sarcomatoid type			
	Adrenal cortical neoplasm of uncertain malignant potential			
Other, specify				
Lipid rich cells	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
	≤25%			
	>25%			
Necrosis	Single selection value list:		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	Not identified			
	Present			

			recorded within pCR1020 - Pathology Report Text	recorded within pCR1020 - Pathology Report Text
Nuclear grade	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 (Grade 1 or 2)			
	High (Grade 3 or 4)			
Mitotic figures/10 mm2	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
Histological grade	Single selection value list:		pCR0860 - Grade of Differentiation (Pathological)	pCR0860 - Grade of Differentiation (Pathological)
	Low grade (≤ 20 mitoses)		G1 - Well differentiated	G1 - Well differentiated
	High grade (> 20 mitoses)		G4 - Undifferentiated / anaplastic	G4 - Undifferentiated / anaplastic
Atypical mitotic figures	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
	Not identified			
	Present			
Ki-67 proliferation index %	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
Capsular 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
	Not identified			
	Present			
	Cannot be assessed, specify			
Lymphatic invasion	Single selection value list:	Note: If lymphatic and vascular Invasion are present, use value 'YB - Both lymphatic and vascular invasion present'	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 - Lymphatic invasion only present

Vascular invasion	Single selection value list:	<p>Note: If lymphatic and vascular Invasion are present, use value 'YB- Both lymphatic and vascular invasion present'</p> <p>To record 'Other, specify', use pCR1020 - Pathology Report Text</p>	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 (select all that apply below)		YV - Yes - Vascular invasion only present	YV - Yes - Vascular invasion only present
	- Capillary		YV - Yes - Vascular invasion only present	YV - Yes - Vascular invasion only present
	- lymphatics		YV - Yes - Vascular invasion only present	YV - Yes - Vascular invasion only present
	- Veins		YV - Yes - Vascular invasion only present	YV - Yes - Vascular invasion only present
	- Adrenal vein		YV - Yes - Vascular invasion only present	YV - Yes - Vascular invasion only present
	- Vena cava		YV - Yes - Vascular invasion only present	YV - Yes - Vascular 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			
	Confined to adrenal gland			
	Invasion into/through adrenal capsule			
	Invasion into extra-adrenal structures, specify			
	Invasion into adjacent organs, specify			
Margin status	Single selection value list:	To record 'Location of involved margin(s)', 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 metastasis (specify site)	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	
Pathological Staging	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	
	m – multiple primary tumours				
	r – recurrent				
	y – post-therapy				
TNM edition number used	UICC8, UICC9	Within COSD, version number and edition are separate but should be reported together	pCR6820 - TNM Version Number (Pathological)	pCR6820 - TNM Version Number (Pathological)	
			pCR6980 - TNM Coding Edition	pCR6980 - TNM Coding Edition	
Primary tumour (pT)*	Single selection value list:	*Adjacent organs include kidney, diaphragm, great vessels (renal vein or vena cava) pancreas and liver	pCR0910 - T Category (Pathological)	pCR0910 - T Category (Pathological)	
	TX Primary tumour cannot be assessed				
	T1 Tumour 5 cm or less in greatest dimension, no extra-adrenal invasion				
	T2 Tumour greater than 5 cm, no extra-adrenal invasion				
	T3 Tumour of any size with local invasion, but not invading adjacent organs*				

	T4 Tumour of any size with invasion of adjacent organs			
Regional lymph nodes (pN)	Single selection value list:		pCR0920 - N Category (Pathological)	pCR0920 - N Category (Pathological)
	NX Regional lymph nodes cannot be assessed			
	N0 No regional lymph node metastasis			
	N1 metastasis in regional lymph node(s)			
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