COSD mapping for Appendix F Reporting proforma for anal cancer: abdominoperineal resection 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*
Length of specimen	Distance in mm		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*
Length of perianal skin	Distance in mm		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*
Surgical plane of excision	**Single selection value list:**		Not in the COSD Pathology data set, although could be	Not in the COSD Pathology data set, although could be
	Extra-sphincteric			
	Inter-sphincteric			

	Intra-sphincteric		recorded within **pCR1020 - Pathology Report Text**	recorded within **pCR1020 - Pathology Report Text**
Adjacent organs included	**Multiple selection value list:** Bladder Coccyx Uterus Other		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**
Adjacent organs included, other, specify	Free text	*Only applicable if 'Adjacent organs included, Other' is selected.*	**pCR1020 - Pathology Report Text**	**pCR1020 - Pathology Report Text**
Site of tumour	**Multiple selection value list:** Anterior Posterior Right lateral Left lateral		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**
Maximum size of tumour	Size in mm		**pCR0830 - Lesion Size (Pathological)**	**pCR0830 - Lesion Size (Pathological)**
Distance of tumour to perianal skin resection margin	Distance in mm		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**

Distance of tumour to anal verge	Distance in mm		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***
Distance of tumour to deep margin, macroscopic	Distance in mm		***pCO5210 - Distance to Circumferential Margin***	***pCO5210 - Distance to Circumferential Margin***
Tumour type	**Single selection value list:**		It may be possible to use ***pCR6420 - Morphology (SNOMED) Pathology*** to record the Histological type, if not then record the information within ***pCR1020 - Pathology Report Text***	It may be possible to use ***pCR6420 - Morphology (SNOMED) Pathology*** to record the Histological type, if not then record the information within ***pCR1020 - Pathology Report Text***
	Squamous cell carcinoma			
	Adenocarcinoma (mucinous variant)			
	Adenocarcinoma (signet ring cell variant)			
	Undifferentiated carcinoma			
	Verrucous carcinoma			
Differentiation	**Single selection value list:**		***pCR0860 - Grade of Differentiation (Pathological)***	***pCR0860 - Grade of Differentiation (Pathological)***
	Well differentiated		G1 - Well differentiated	G1 - Well differentiated
	Moderately differentiated		G2 - Moderately differentiated	G2 - Moderately differentiated
	Poorly differentiated		G3 - Poorly differentiated	G3 - Poorly differentiated
	Undifferentiated		G4 - Undifferentiated / anaplastic	G4 - Undifferentiated / anaplastic

			GX - Grade of differentiation is not appropriate or cannot be assessed	GX - Grade of differentiation is not appropriate or cannot be assessed
Adjacent squamous dysplasia	**Single selection value list:** Not identified AIN1 (LSIL) AIN2/3 (HSIL)		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***
Adjacent squamous dysplasia, grade	**Single selection value list:** 1 2 3	Only applicable if 'Adjacent squamous dysplasia, Present' 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***
Margin/s involved by dysplasia	**Single selection value list:** N/A No Yes		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***
Maximum microscopic size of tumour	Size in mm or N/A		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***
Depth of invasion	**Single selection value list:**		Not in the COSD Pathology data set,	Not in the COSD Pathology data set,

	Lamina propria		although could be recorded within *pCR1020 - Pathology Report Text*	although could be recorded within *pCR1020 - Pathology Report Text*
	Submucosa			
	Muscularis propria			
	Smooth muscle			
	Striated muscle			
	Named adjacent organ			
Depth of invasion, named adjacent organ, specify	Free text	*Only applicable if 'Depth of invasion, Named adjacent organ' 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*
Post-treatment tumour regression	**Single selection value list:**		***pCO5290 - Response to Preoperative Therapy***	***pCO5290 - Response to Preoperative Therapy***
	N/A		97 - Not Applicable	97 - Not Applicable
	0		08 - No viable cancer cells (TRS 0)	08 - No viable cancer cells (TRS 0)
	1		09 - Single cells or rare small groups of cancer cells (TRS 1)	09 - Single cells or rare small groups of cancer cells (TRS 1)
	2		10 - Residual cancer with evident tumour regression (TRS 2)	10 - Residual cancer with evident tumour regression (TRS 2)
	3		11 - No evident tumour regression (TRS 3)	11 - No evident tumour regression (TRS 3)
Deep (CRM) margin	**Single selection value list:**		***pCR5300 - Status of Circumferential Excision Margin***	***pCR1150 - Excision Margin (Circumferential)***

	Involved		1 - Margin involved	1 - Margin involved
	Not involved		0 - Margin not involved	0 - Margin not involved
			9 - Not known	8 - Not Applicable
				9 - Not known
Distance to deep margin	Distance in mm		***pCO5210 - Distance to Circumferential Margin***	***pCO5210 - Distance to Circumferential Margin***
Total lymph nodes with main specimen	Integer		***pCR0890 - Number of Nodes Examined***	***pCR0890 - Number of Nodes Examined***
Positive lymph nodes with main specimen	Integer		***pCR0900 - Number of Nodes Positive***	***pCR0900 - Number of Nodes Positive***
Lymph nodes submitted separately	**Single selection value list:** No Yes		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***
Total peri-rectal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' 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***
Positive peri-rectal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' 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***

Total internal iliac/inguinal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' 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*
Positive internal iliac/inguinal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' 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*
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*
UICC TNM pT category	**Single selection value list:**		*pCR0910 - T Category (Pathological)* = pT	*pCR0910 - T Category (Pathological)* = pT
	pTX; pT0; pTis; pT1; pT2; pT3; pT4			
Excision	**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*
	N/A pT0			
	R0			
	R1			
	R2			
Post-neoadjuvant therapy (y)	**Single selection value list:**		*pCR1000 - Neoadjuvant Therapy Indicator*	*pCR1000 - Neoadjuvant Therapy Indicator*
	Yes		Y - Yes	Y - Yes

	No		N - No	N - No
			9 - Not known	9 - Not known
Distant metastasis/es	**Single selection value list:** N/A Yes 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*
Representative molecular block(s)	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*
Tumour percentage assessment (number of tumour cells/total number of nucleated cells)	0-100%		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*
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*