

## Appendix F Reporting proforma for anal cancer: abdominoperineal resection in list format

Element name	Values	Implementation notes
Length of specimen	Distance in mm	
Length of perianal skin	Distance in mm	
Surgical plane of excision	Single selection value list: <ul style="list-style-type: none"> <li>• Extra-sphincteric</li> <li>• Inter-sphincteric</li> <li>• Intra-sphincteric</li> </ul>	
Adjacent organs included	Multiple selection value list: <ul style="list-style-type: none"> <li>• Bladder</li> <li>• Coccyx</li> <li>• Uterus</li> <li>• Other</li> </ul>	
Adjacent organs included, other, specify	Free text	Only applicable if 'Adjacent organs included, Other' is selected.
Site of tumour	Multiple selection value list: <ul style="list-style-type: none"> <li>• Anterior</li> <li>• Posterior</li> <li>• Right lateral</li> <li>• Left lateral</li> </ul>	
Maximum size of tumour	Size in mm	
Distance of tumour to perianal skin resection margin	Distance in mm	
Distance of tumour to anal verge	Distance in mm	
Distance of tumour to deep margin, macroscopic	Distance in mm	
Tumour type	Single selection value list: <ul style="list-style-type: none"> <li>• Squamous cell carcinoma</li> <li>• Adenocarcinoma</li> <li>• Adenocarcinoma (mucinous variant)</li> </ul>	

	<ul style="list-style-type: none"> <li>• Adenocarcinoma (signet ring cell variant)</li> <li>• Undifferentiated carcinoma</li> <li>• Verrucous carcinoma</li> </ul>	
Differentiation	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• Well differentiated</li> <li>• Moderately differentiated</li> <li>• Poorly differentiated</li> <li>• Undifferentiated</li> </ul>	
Adjacent squamous dysplasia	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• Not identified</li> <li>• AIN1 (LSIL)</li> <li>• AIN2/3 (HSIL)</li> </ul>	
Adjacent squamous dysplasia, grade	<p>Single selection value list</p> <ul style="list-style-type: none"> <li>• 1</li> <li>• 2</li> <li>• 3</li> </ul>	
Margin/s involved by dysplasia	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• N/A</li> <li>• No</li> <li>• Yes</li> </ul>	Only applicable if 'Adjacent squamous dysplasia, Present' is selected.
Margin/s involved by dysplasia	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• N/A</li> <li>• No</li> <li>• Yes</li> </ul>	
Maximum microscopic size of tumour	Size in mm or N/A	
Depth of invasion	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• Lamina propria</li> <li>• Submucosa</li> <li>• Muscularis propria</li> <li>• Smooth muscle</li> <li>• Striated muscle</li> <li>• Named adjacent organ</li> </ul>	
Depth of invasion, named adjacent organ, specify	Free text	Only applicable if 'Depth of invasion, Named adjacent organ' is selected.

Post-treatment tumour regression	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• N/A</li> <li>• 0</li> <li>• 1</li> <li>• 2</li> <li>• 3</li> </ul>	
Distance to nearest peripheral margin	Distance in mm or N/A	
Deep (CRM) margin	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• Involved</li> <li>• Not involved</li> </ul>	
Distance to deep margin	Distance in mm	
Total lymph nodes with main specimen	Integer	
Positive lymph nodes with main specimen	Integer	
Lymph nodes submitted separately	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• No</li> <li>• Yes</li> </ul>	
Total peri-rectal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' is selected.
Positive peri-rectal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' is selected.
Total internal iliac/inguinal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' is selected.
Positive internal iliac/inguinal lymph nodes	Integer	Only applicable if 'Lymph nodes submitted separately, Yes' is selected.
UICC TNM version 9 pT category	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• pTX</li> <li>• pT0</li> <li>• pTis</li> <li>• pT1</li> <li>• pT2</li> <li>• pT3</li> <li>• pT4</li> </ul>	

UICC TNM version 9 pN category	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• pNX</li> <li>• pN0</li> <li>• pN1a</li> <li>• pN1b</li> <li>• pN1c</li> </ul>	
Excision	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• N/A</li> <li>• pT0</li> <li>• R0</li> <li>• R1</li> <li>• R2</li> </ul>	
Post-neoadjuvant therapy (y)	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Distant metastasis/es	<p>Single selection value list:</p> <ul style="list-style-type: none"> <li>• N/A</li> <li>• Yes</li> <li>• No</li> </ul>	
Representative molecular block(s)	Free text	
Tumour percentage assessment (number of tumour cells/total number of nucleated cells)	0–100 %	
SNOMED Topography code	May have multiple codes. Look up from SNOMED tables.	
SNOMED Morphology code	May have multiple codes. Look up from SNOMED tables.	