## Carcinoma of the Exocrine Pancreas Histopathology Reporting Guide

Family/Last name	Date of birth DD – MM – YYYY		
Given name(s)			
Patient identifiers	Date of request Accession/Laboratory number		
	DD – MM – YYYY		
Elements in <b>black text</b> are CORE. Elements in <b>grey text</b> are NON-CORE. SCOPE OF THIS DATASET			
NEOADJUVANT THERAPY	TUMOUR SITE (select all that apply)		
<ul> <li>Information not provided</li> <li>Not administered</li> <li>Administered (select all that apply)</li> <li>Chemotherapy</li> <li>Radiotherapy</li> <li>Other, <i>specify</i></li> </ul>	<ul> <li>No macroscopically visible tumour</li> <li>Pancreatic head</li> <li>Pancreatic body</li> <li>Pancreatic tail</li> <li>Other, <i>specify</i></li> </ul>		
	TUMOUR DIMENSIONS		
<b>OPERATIVE PROCEDURE</b> (select all that apply)	Maximum tumour dimension (largest tumour)		
Whipple pancreatoduodenectomy	mm		
Pylorus-preserving pancreatoduodenectomy	Additional dimensions (largest tumour)		
<ul> <li>Distal pancreatectomy</li> <li>Total pancreatectomy</li> </ul>			
Subtotal pancreatectomy	mm × mm		
Pancreatic resection (tick one of the options above)			
<ul> <li>extended with one or more of the following additionally resected organs/structures:</li> </ul>	Dimensions of additional smaller tumour foci		
Vein	mm x mm x mm		
Superior mesenteric vein			
Portal vein	mm x mm x mm		
<ul> <li>Artery(s)</li> <li>Superior mesenteric artery</li> <li>Common hepatic artery</li> <li>Coeliac trunk</li> <li>Other, specify</li> </ul>	Method of measurement (in case of neoadjuvant treatment) <sup>a</sup> <ul> <li>Approach 1 (largest overall dimensions)</li> <li>Approach 2 (summation of dimensions of each tumour focus)</li> </ul>		
Other, <i>specify</i>	<sup>a</sup> See Note for an explanation of the approaches to the method of measurement following neoadjuvant treatment.		
TUMOUR FOCALITY         Unifocal         Multifocal, specify number of tumours in specimen         Cannot be assessed, specify			
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HISTOLOGICAL TUMOUR TYPE 📃	EXTENT OF INVASION (select all that apply)		
(Value list from the World Health Organization Classification	Cannot be assessed		
of Tumours of the Gastrointestinal Tract (2019))			
O Ductal adenocarcinoma	No evidence of primary tumour		
Ductal adenocarcinoma not otherwise specified (NOS)	Tumour is confined to pancreas  Typy and the ampulla of Vator		
<ul> <li>Adenosquamous carcinoma</li> </ul>	Invasion into ampulla of Vater Invasion into duodenum		
$\bigcirc$ Colloid carcinoma			
<ul> <li>Signet-ring cell (poorly cohesive cell) carcinoma</li> </ul>	Invasion into common bile duct		
<ul> <li>Medullary carcinoma NOS</li> </ul>	Invasion into peripancreatic soft tissues		
<ul> <li>Hepatoid carcinoma</li> </ul>	Invasion into spleen		
	Invasion into splenic vein/artery		
Invasive micropapillary carcinoma	Invasion into vascular resection		
Carcinoma with rhabdoid phenotype	Invasion into venous resection		
<ul> <li>Carcinoma, undifferentiated, NOS</li> <li>Undifferentiated carcinema with esteedast like gipt</li> </ul>	Specify which vein		
<ul> <li>Undifferentiated carcinoma with osteoclast-like giant cells</li> </ul>			
Acinar cell carcinoma			
<ul> <li>Acinar cell cystadenocarcinoma</li> </ul>	Specify maximum depth of invasion		
<ul> <li>Mixed acinar-neuroendocrine carcinoma</li> </ul>	<ul> <li>Tunica adventitia</li> </ul>		
Mixed acinar-endocrine-ductal carcinoma			
Mixed acinar-ductal carcinoma	Tunica intima		
<ul> <li>Acinar cell carcinoma, NOS</li> </ul>	Vascular lumen		
	U vascular lamen		
<ul> <li>Intraductal papillary mucinous neoplasm with associated invasive carcinoma</li> </ul>	Invasion into arterial resection		
<ul> <li>Intraductal oncocytic papillary neoplasm with associated invasive carcinoma</li> </ul>	Specify which artery(s)		
<ul> <li>Intraductal tubulopapillary neoplasm with associated invasive carcinoma</li> </ul>			
<ul> <li>Mucinous cystic neoplasm with associated invasive carcinoma</li> </ul>	Specify maximum depth of invasion		
Other, <i>specify</i>	Tunica adventitia		
	🔘 Tunica media		
	🔘 Tunica intima		
	🔘 Vascular lumen		
HISTOLOGICAL TUMOUR GRADE	Invasion into other adjacent structure(s)/organ(s), <i>specify</i>		
$\bigcirc$ Grade 1: Well differentiated			
Grade 2: Moderately differentiated			
Grade 3: Poorly differentiated or undifferentiated			
0	LYMPHATIC AND VENOUS INVASION		
	○ Not identified		
	O Present		
	Lymphatic invasion		
	Venous invasion		
	PERINEURAL INVASION		
	$\bigcirc$ Not identified		
	O Present		

RESPONSE TO NEOADJUVANT THERAPY	Anterior pancreatic surface	
No neoadjuvant treatment	<ul> <li>Not applicable</li> </ul>	
$\bigcirc$ Complete response – no viable cancer cells (score 0)	Cannot be assessed	
<ul> <li>Near complete response – single cells or rare groups</li> </ul>	Involved	
of cancer cells (score 1)	Vot involved	
<ul> <li>Partial response – residual cancer with evident tumour regression (score 2)</li> </ul>	Distance of tumour from closest margin mm	
Poor or no response – extensive residual cancer with no evident tumour regression (score 3)	Transection margins of venous resection	
$\bigcirc$ Cannot be assessed, <i>specify</i>	Not applicable	
V Cannot be assessed, specify	Cannot be assessed	
	Involved	
	Vot involved	
	Distance of tumour from closest margin mm	
MARGIN STATUS <sup>b</sup>		
Pancreatic transection margin	Transection margins of arterial resection	
O Not applicable	O Not applicable	
Cannot be assessed	Cannot be assessed	
<ul> <li>Invasive carcinoma</li> <li>High grade dysplasia</li> </ul>	Vot involved	
$\bigcirc$	Distance of tumour from closest margin mm	
Vot involved		
Distance of tumour from closest margin mm	Other margin(s), <i>specify</i>	
Bile duct transection margin	O Not applicable	
Not applicable	Cannot be assessed	
$\bigcirc$ Cannot be assessed		
	V Not involved	
<ul> <li>Not involved</li> </ul>	Distance of tumour from closest margin mm	
♥ Distance of tumour from closest margin mm		
	<sup>b</sup> See Note for the definition of margin involvement and for an explanation of the various specimen margins and surfaces.	
Gastric/proximal duodenal transection margin		
Not applicable	LYMPH NODE STATUS	
Cannot be assessed		
○ Involved	Cannot be assessed	
Not involved	No nodes submitted or found	
Distance of tumour from closest margin mm	Number of lymph nodes examined	
	○ Not involved	
Posterior dissection margin	○ Involved	
O Not applicable	Number of involved lymph nodes	
<ul> <li>Cannot be assessed</li> <li>Involved</li> </ul>		
Distance of tumour from closest margin mm	ADDITIONAL FINDINGS (select all that apply)	
Superior mesenteric artery (SMA) dissection margin	Chronic pancreatitis	
<ul> <li>Not applicable</li> </ul>	Pancreatic intraepithelial neoplasia, <i>specify highest grade</i>	
Cannot be assessed		
O Involved	Intraductal papillary mucinous neoplasia, specify highest	
O Not involved	▼ grade	
Distance of tumour from closest margin mm		
Superior mesenteric vein (SMV) dissection margin	Neuroendocrine tumour, specify grade	
<ul> <li>Not applicable</li> </ul>		
Cannot be assessed		
O Involved	Other, <i>specify</i>	
O Not involved		
Distance of tumour from closest margin mm		

ANCILLA	RY STUDIES	
- · ·	performed	
Perfo	prmed, <i>specify</i>	
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HISTOLO	GICALLY CONFIRMED DISTANT METASTASES	
🔿 Not a	assessed	
Ö Not i	dentified	
Prese	ent, <i>specify site(s)</i>	
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DATUOLO		
PATHOLO	OGICAL STAGING (UICC TNM 8 <sup>th</sup> edition) <sup>c</sup>	
TNM De	escriptors (only if applicable) (select all that apply)	
🗌 m -	- multiple primary tumours	
_ r -	- recurrent	
_ у -	- post-therapy	
Primar	y tumour (pT)	
⊖тх	Primary tumour cannot be assessed	
🔾 то	No evidence of primary tumour	
🔿 Tis	Carcinoma in situ <sup>d</sup>	
⊖ T1	Tumour 2 cm or less in greatest dimension	
-	a Tumour 0.5 cm or less in greatest dimension	
$\bigcirc$ T1	b Tumour greater than 0.5 cm and no more than 1 cm in greatest dimension	
⊖T1	c Tumour greater than 1 cm but no more than 2 cm in greatest dimension	
⊖ T2	Tumour more than 2 cm but no more than 4 cm in greatest dimension	
⊖ тз	Tumour more than 4 cm in greatest dimension	
⊖ Т4	Tumour involves coeliac axis, superior mesenteric artery and/or common hepatic artery	
<sup>d</sup> Tis also ind	cludes the 'PanIN–III' classification.	
Region	al lymph nodes (pN)	
🔿 No n	odes submitted or found	
Ŏ NX	Regional lymph nodes cannot be assessed	
🔾 N0	No regional lymph node metastasis	

- N1 Metastases in 1 to 3 regional lymph nodes
- N2 Metastases in 4 or more regional lymph nodes

<sup>c</sup> Reproduced with permission. Source: UICC TNM Classification of Malignant Tumours, 8<sup>th</sup> Edition, eds by James D. Brierley, Mary K. Gospodarowicz, Christian Wittekind. 2016, Publisher Wiley-Blackwell.