### Clinical details

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>S1.02</td>
<td>Clinical info. on request form (complete as narrative or use the structured format below)</td>
</tr>
<tr>
<td></td>
<td>Text</td>
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<tr>
<td></td>
<td><em>Neoadjuvant therapy</em> See p2</td>
</tr>
<tr>
<td></td>
<td><em>Operative procedure</em> See p2</td>
</tr>
<tr>
<td></td>
<td>Superior mesenteric vein/Portal vein resection Not performed Performed, specify vascular resection</td>
</tr>
<tr>
<td></td>
<td>Additional specimens See p2</td>
</tr>
<tr>
<td></td>
<td>Local residual cancer postsurgery Text</td>
</tr>
<tr>
<td></td>
<td>Involvement of adjacent organs Text</td>
</tr>
<tr>
<td></td>
<td>New primary cancer or recurrence See p2</td>
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### Macroscopic findings

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
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<tbody>
<tr>
<td>S2.01</td>
<td>Specimen labelled as</td>
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<tr>
<td>S2.02</td>
<td><em>Operative procedure</em> See p2</td>
</tr>
<tr>
<td>S2.03</td>
<td><em>Tumour focality</em> See p2</td>
</tr>
<tr>
<td>S2.04</td>
<td><em>Tumour site</em> See p2</td>
</tr>
<tr>
<td>S2.05</td>
<td><em>Tumour dimensions</em> See p2</td>
</tr>
<tr>
<td></td>
<td>Additional dimensions (largest tumour) _mm x _mm</td>
</tr>
<tr>
<td></td>
<td>Dimensions of additional smaller tumour foci _mm x _mm</td>
</tr>
<tr>
<td></td>
<td>Method of measurement (in case of neoadjuvant treatment) Approach 1 Approach 2</td>
</tr>
<tr>
<td>S2.06</td>
<td>Macroscopic tumour description</td>
</tr>
<tr>
<td></td>
<td>For multiple tumours the description of each focus should be recorded.</td>
</tr>
<tr>
<td></td>
<td>Type of ampullary tumour See p2</td>
</tr>
<tr>
<td>S2.07</td>
<td>Macroscopic distance of tumour to margins/surfaces</td>
</tr>
<tr>
<td></td>
<td>Pancreatic transection Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Superior mesenteric artery Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Posterior pancreatic Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Superior mesenteric vein/vascular groove Not applicable _mm</td>
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</tbody>
</table>

### Macroscopic findings cont.

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Anterior pancreatic Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Bile duct Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Proximal intestinal/gastric Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Distal intestinal Not applicable _mm</td>
</tr>
<tr>
<td></td>
<td>Other margin/surface Not applicable Description of margin/surface _mm</td>
</tr>
<tr>
<td>G2.01</td>
<td>Evidence of other abnormality or corexisting pathology Not present Present</td>
</tr>
<tr>
<td>G2.02</td>
<td>Tissue block for research or tissue bank Not taken Taken</td>
</tr>
<tr>
<td>G2.03</td>
<td>Photographs Not taken Taken</td>
</tr>
<tr>
<td>S2.08</td>
<td>Block identification key Text</td>
</tr>
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<td>G2.04</td>
<td>Other macroscopic comments Text</td>
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### Microscopic findings

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<tr>
<th>Section</th>
<th>Description</th>
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<tbody>
<tr>
<td>S3.01</td>
<td><em>Histological tumour type</em> See p2</td>
</tr>
<tr>
<td>S3.02</td>
<td><em>Histologic tumour grade</em> See p2</td>
</tr>
<tr>
<td>S3.03</td>
<td><em>Extent of invasion</em> See p2</td>
</tr>
<tr>
<td>S3.04</td>
<td><em>Microscopic tumour site</em> See p2</td>
</tr>
<tr>
<td>S3.05</td>
<td><em>Maximum tumour diameter</em> _mm</td>
</tr>
<tr>
<td></td>
<td>Note: Record for each tumour identified</td>
</tr>
<tr>
<td>S3.06</td>
<td><em>Lymphatic and venous invasion</em> See p3</td>
</tr>
<tr>
<td>S3.07</td>
<td><em>Perineural invasion</em> Not identified Present</td>
</tr>
<tr>
<td>S3.08</td>
<td><em>Response to neoadjuvant therapy</em> See p3</td>
</tr>
<tr>
<td>S3.09</td>
<td><em>Margin status</em> See p3</td>
</tr>
<tr>
<td>S3.10</td>
<td><em>Lymph node (LN) status</em></td>
</tr>
<tr>
<td></td>
<td>No nodes submitted of found OR</td>
</tr>
<tr>
<td></td>
<td>No. can’t be assessed OR</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
</tr>
<tr>
<td></td>
<td>Involved _</td>
</tr>
<tr>
<td>S3.11</td>
<td><em>Distant metastases</em> Not identified Present, specify sites(s)</td>
</tr>
<tr>
<td>G3.06</td>
<td><em>Coexistent pathology</em> See p3</td>
</tr>
<tr>
<td>G3.07</td>
<td>Additional microscopic comment Text</td>
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</tbody>
</table>

### Ancillary test findings

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G4.01</td>
<td><em>Ancillary studies</em> Not performed Performed, specify</td>
</tr>
</tbody>
</table>

---

V4.0 Guide derived from Cancer of the Exocrine Pancreas Structured Reporting Protocol 2nd Edition
**Synthesis and overview**

**S5.01** **PATHOLOGICAL STAGING** See p3

**S5.02** **Year and edition of staging system** Text

**G5.01** Diagnostic summary Text

Include: Operative procedure; Tumour location(s); Tumour type; Tumour size; Tumour grade; Tumour stage; Lymph node status; Margin status.

**S5.03** **Overarching comment** Text

**G5.02** Edition/version of RCPA protocol Text

---

**S1.02 Clinical information**

Text

OR

Information not provided

**Neoadjuvant therapy**

*(Select all that apply)*

- Not administered
- Administered
  - Chemotherapy
  - Radiotherapy
  - Other, specify

---

**S2.03 Operative procedure**

Not specified

OR

Select all that apply:

- Whipple pancreatoduodenectomy
- Pylorus-preserving pancreatoduodenectomy
- Distal pancreatectomy
- Total pancreatectomy
- Subtotal pancreatectomy
- Pancreatic resection (tick one of the options above, extended with one or more of the following additionally resected organs/structures)
  - Vein
    - Superior mesenteric vein
    - Portal vein
  - Artery(s)
    - Superior mesenteric artery
    - Common hepatic artery
    - Coeliac trunk
  - Other, specify

**Additional specimens**

Select all that apply:

- Liver biopsy
- Peritoneal nodules
- Omentum
- Gallbladder
- Spleen
- Other, specify

**New primary cancer or recurrence**

- New primary
- Regional (local) recurrence
- Distant metastases

---

**S3.04 Microscopic tumour site**

- Pancreas
  - Head of pancreas
  - Neck of pancreas
  - Body of pancreas
  - Tail of pancreas
- Uncinate process
- Ampulla of Vater
- Common bile duct (extrapancreatic or intrapancreatic)
- Duodenum
- Other, specify

---

**S3.06 Lymphatic and venous invasion**

- Not identified
- Present
  - Lymphatic channel invasion
  - Venous invasion

---

**S3.07 Response to neoadjuvant therapy**

- No neoadjuvant treatment
- Complete response - no viable cancer cells (score 0)
- Near complete response - single cells or rare groups of cancer cells (score 1)
- Partial response - residual cancer with evident tumour regression (score 2)
- Poor or no response - extensive residual cancer with no evident tumour regression (score 3)
- Cannot be assessed, specify

---

**S3.09 Margin status**

**Pancreatic transection margin**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Bile duct transection margin**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Posterior dissection margin**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Superior mesenteric artery (SMA) dissection margin**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Superior mesenteric vein (SMV) dissection margin**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Anterior pancreatic surface**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Transection margins of venous resection**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Transection margins of arterial resection**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

**Other margin(s)**

- Not applicable
- Cannot be assessed
- Involved
- Not involved

Distance to closest margin: __mm

* If not involved by invasive carcinoma, estimate distance to closest margin.
### G3.01 Coexistent pathological abnormalities
Select all that apply:
- Chronic pancreatitis
- Pancreatic intraepithelial neoplasia, specify highest grade
- Intraductal papillary mucinous neoplasia, specify highest grade
- Neuroendocrine tumour, specify grade
- Other, specify

### S5.01 Pathological staging
(AJCC 8th edition)##

**Suffixes**
m - multiple primary tumours; y - post therapy; r - recurrent

**Primary Tumour (T)**

**PANCREAS**

TX Primary tumour cannot be assessed
T0 No evidence of primary tumour
Tis Carcinoma in situ. This includes high-grade pancreatic intraepithelial neoplasia (PanIn-3), intraductal papillary mucinous neoplasm with high-grade dysplasia, intraductal tubulipapillary neoplasm with high-grade dysplasia, and mucinous cystic neoplasm with high-grade dysplasia.
T1 Tumour ≤2 cm in greatest dimension
T1a Tumour ≤0.5 cm in greatest dimension
T1b Tumour >0.5 cm and ≤1 cm in greatest dimension
T1c Tumour 1–2 cm in greatest dimension
T2 Tumour >2 cm and ≤4 cm in greatest dimension
T3 Tumour >4 cm in greatest dimension
T4 Tumour involves celiac axis, superior mesenteric artery, and/or common hepatic artery, regardless of size

**AMPULLA OF VATER**

TX Primary tumour cannot be assessed
T0 No evidence of primary tumour
Tis Carcinoma in situ.
T1 Tumour limited to ampulla of Vater or sphincter of Oddi (perisphincteric invasion) and/or into the duodenal submucosa
T1a Tumour limited to ampulla of Vater or sphincter of Oddi
T1b Tumour invades beyond the sphincter of Oddi (perisphincteric invasion) and/or into the duodenal submucosa
T2 Tumour invades into the muscularis propria of the duodenum
T3 Tumour directly invades the pancreas (up to 0.5 cm) or tumour extends more than 0.5 cm into the pancreas, or extends into peripancreatic or periudodenal tissue or duodenal serosa without involvement of the coeliac axis or superior mesenteric artery
T3a Tumour directly invades pancreas (up to 0.5 cm)
T3b Tumour extends more than 0.5 cm into the pancreas, or extends into peripancreatic tissue or periudodenal tissue or duodenal serosa without involvement of the coeliac axis or superior mesenteric artery
T4 Tumour involves the coeliac axis, superior mesenteric artery, and/or common hepatic artery, irrespective of size

**DISTAL BILE DUCT**

TX Primary tumour cannot be assessed
T0 No evidence of primary tumour
Tis Carcinoma in situ/high grade dysplasia
T1 Tumour invades the bile duct wall with a depth less than 5 mm
T2 Tumour invades the bile duct wall with a depth of 5–12 mm
T3 Tumour invades the bile duct wall with a depth greater than 12 mm
T4 Tumour involves the coeliac axis, superior mesenteric artery, and/or common hepatic artery

**Regional lymph node (pN)**
NX Regional lymph nodes cannot be assessed
N0 No regional lymph node metastasis
N1 Metastasis in one to three regional lymph nodes
N2 Metastasis in four or more regional lymph nodes

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