

Cancer of the Exocrine Pancreas, Ampulla of Vater and Distal Common Bile Duct Proforma



Mandatory questions (i.e. protocol standards) are in bold (e.g. **S1.03**).

Family name <input type="text"/>	Sex <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Intersex/indeterminate
Given name(s) <input type="text"/>	Ethnicity <input type="checkbox"/> Unknown <input type="checkbox"/> Aboriginal/Torres Strait Islander <input type="checkbox"/> Other ethnicity: <input type="text"/>
Date of birth <input type="text" value="DD - MM - YYYY"/>	
Patient identifiers e.g. MRN, IHI or NHI (please indicate which) <input type="text"/>	Date of request <input type="text" value="DD - MM - YYYY"/>
S1.03 Accession number <input type="text"/>	
Requesting doctor - name and contact details <input type="text"/>	

Type of operation

Pancreaticoduodenectomy (PD)(Whipple resection), partial pancreatectomy
 PD (Whipple resection), total pancreatectomy
 PD(pylorus preserving), partial pancreatectomy
 PD (pylorus preserving), total pancreatectomy
 Partial pancreatectomy, pancreatic neck
 Partial pancreatectomy, pancreatic body
 Partial pancreatectomy, pancreatic tail
 Enucleation
 Ampullectomy
 Segmental resection of bile duct(s)
 Other (specify)

Superior mesenteric vein/ Portal vein resection

Not performed Performed

Type of vascular resection:
Tangential Segmental

Additional specimens

Liver biopsy Peritoneal nodules
 Omentum Peritoneal cytology
 Gallbladder
 Spleen
 Other

Tumour location/site

Pancreatic: Head Neck Tail Body
 Bile duct Ampulla of Vater Duodenum
 Other

Preoperative therapy

Preoperative chemotherapy Not administered
 Preoperative radiotherapy
 Preoperative chemoradiotherapy

Involvement of adjacent organs

Local residual cancer post surgery

New primary cancer or recurrence

New primary Regional (local) recurrence
 Distant metastases Details:

Relevant patient or family history

Pre-operative diagnosis

Relevant issues noted during the procedure

G1.01 Other relevant details

Macroscopic findings

S2.01 Specimen labelled as

S2.02 ANATOMICAL STRUCTURES

Pancreas

Not present

Present

Portions of the pancreas

Head

Neck

Body

Tail

Dimensions

length mm	x	width mm	x	thickness mm
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Duodenum

Not present

Present

Length

	mm
--	----

Maximum diameter

	mm
--	----

Stomach

Not present

Present

Length of lesser curvature

	mm
--	----

Length of greater curvature

	mm
--	----

Common bile duct

Not present

Present

Length

	mm
--	----

Maximum diameter

	mm
--	----

Gallbladder

Not present

Present

Length

	mm
--	----

Maximum diameter

	mm
--	----

Spleen

Not present

Present

Dimensions

length mm	x	width mm	x	thickness mm
-----------	---	----------	---	--------------

Portal vein

Not present

Present

Dimensions

length mm	x	width mm	x	thickness mm
-----------	---	----------	---	--------------

Superior mesenteric vein

Not present

Present

Dimensions

length mm	x	width mm	x	thickness mm
-----------	---	----------	---	--------------

Other large vessel

Not present

Present

Other vessel 1

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Dimensions

length mm	x	width mm	x	thickness mm
-----------	---	----------	---	--------------

OR

Length

	mm
--	----

AND

Diameter

	mm
--	----

Other vessel 2

Dimensions

 x x

OR Length

AND Diameter

Other anatomical structure

Not present

Present

Other structure 1

Dimensions

 x x

Other structure 2

Dimensions

 x x

Separately submitted specimens

Lymph nodes

Omentum

Other (specify)

G2.01 Stent

Not present

Location:

Present

S2.03 Macroscopic tumour site(s)

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

S2.04 Maximum tumour diameter

Note: For multiple tumours the diameter of each focus should be recorded.

S2.05 MACROSCOPIC TUMOUR DESCRIPTION

Note: For multiple tumours the description of each focus should be recorded.

Description (eg exophytic or flat, solid and/or cystic, colour, texture, border)

Type of ampullary tumour (if applicable)

- intra-ampullary
- mixed intra-ampullary and peri-ampullary
- peri-ampullary

S2.06 MACROSCOPIC DISTANCE OF TUMOUR TO MARGINS/SURFACES

Note: For multiple tumours the closest distance of any foci should be recorded.

Pancreatic transection

Not applicable OR

Superior mesenteric artery

Not applicable OR

Posterior pancreatic

Not applicable OR

Superior mesenteric vein/vascular groove

Not applicable OR

Anterior pancreatic

Not applicable OR

Bile duct

Not applicable OR

Proximal intestinal/gastric

Not applicable OR

Distal intestinal

Not applicable OR

Other margin/surface

Not applicable OR

List margin/surface

and

Clearance

S3.02 Histological grade

- Grade X: Cannot be assessed
- Grade 1: Well differentiated (greater than 95% of tumour composed of glands)
- Grade 2: Moderately differentiated (50% to 95% of tumour composed of glands)
- Grade 3: Poorly differentiated (49% or less of tumour composed of glands)
- Grade 4: Undifferentiated (5% or less of tumour composed of glands)

S3.03 Microscopic tumour site(s)

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

S3.04 Maximum extent of tumour invasion

- Pancreas
- Celiac axis
- Superior mesenteric artery
- Ampulla of Vater
- Sphincter of Oddi
- Duodenal wall
- Peripancreatic soft tissues
- Bile duct
- Gallbladder
- Other adjacent organs/structures (specify)

S3.05 Maximum tumour diameter

Note: Record for each tumour identified.

mm

S3.06 Lymphovascular invasion

- Not identified
- Suspicious
- Present

Type of vessel

- Artery
- Vein
- Small vessel

S3.07 Perineural invasion

- Not identified
- Suspicious
- Present

G3.01 Perineural invasion of the superior mesenteric artery margin neural plexus

- Not received
- Not identified
- Suspicious
- Present

G3.02 Regression grade

- Not known
- No prior treatment
- Grade 0 (complete response)
- Grade 1 (moderate response)
- Grade 2 (minimal response)
- Grade 3 (poor response)

G3.03 Preinvasive lesion

- Not identified
- Present

Pancreas:

- Pancreatic intraepithelial neoplasia (PanIN)
- Intraductal papillary mucinous neoplasms (IPMN)
- Intraductal tubulopapillary neoplasm (ITPN)
- Mucinous cystic neoplasms (MCN)

Distal common bile duct:

- Biliary intraepithelial neoplasia (BilIN)
- Intraductal papillary neoplasm (IPN)

Ampullary of Vater and duodenum

- Intestinal-type adenoma (tubular, tubulovillous, villous)
- Flat intraepithelial neoplasia (dysplasia)
- Non-invasive pancreatobiliary papillary neoplasm

Highest grade PanIN (if applicable)

- Grade 1a/1b
- Grade 2
- Grade 3

Grade of intraepithelial neoplasia or dysplasia

- Low-grade
- Intermediate-grade
- High-grade
- Grade 1
- Grade 2
- Grade 3

S3.08 MARGIN/SURFACE STATUS

For pancreaticoduodenectomy (Whipple's) resection and distal pancreatectomy specimens

Pancreatic transection margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Type of involvement

- Involved by invasive tumour
- Involved by preinvasive lesion

Type of preinvasive lesion at margin

Grade of preinvasive lesion at margin

- Low-grade
- Intermediate-grade
- High-grade

Posterior margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

For pancreaticoduodenectomy (Whipple's) resection specimens

Superior mesenteric artery margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Superior mesenteric vein/vascular groove margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Bile duct margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Type of involvement

- Involved by invasive tumour
- Involved by preinvasive lesion

Type of preinvasive lesion at margin

Grade of preinvasive lesion at margin

- Low-grade
- Intermediate-grade
- High-grade

Proximal gastric/duodenal margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Type of involvement

- Involved by invasive tumour
- Involved by preinvasive lesion

Grade of preinvasive lesion at margin

- Low-grade
- High-grade

Distal duodenal/jejunal margin

- Not applicable
- Not involved

Microscopic clearance mm

- Involved

Type of involvement

- Involved by invasive tumour
- Involved by preinvasive lesion

Grade of preinvasive lesion at margin

- Low-grade
- High-grade

Other margin

Margin 1:

Not applicable

Not involved



Microscopic clearance

 mm

Involved



Type of involvement

Involved by invasive tumour

Involved by preinvasive lesion



Grade of dysplasia at margin

Grade 1

Grade 2

Grade 3

Low-grade

High-grade

Margin 2:

Not applicable

Not involved



Microscopic clearance

 mm

Involved



Type of involvement

Involved by invasive tumour

Involved by preinvasive lesion



Grade of dysplasia at margin

Grade 1

Grade 2

Grade 3

Low-grade

High-grade

Anterior surface

Not applicable

Not involved



Microscopic clearance

 mm

Involved



Nature of surface/margin

Serosa

Resection margin

S3.09 LYMPH NODE STATUS

Lymph nodes from main resection specimen

None found

Nodes present



Lymph nodes found

Number of positive nodes

Separately labelled lymph nodes (if applicable)

Lymph nodes found

Number of positive nodes

G3.04 Co-existing pancreatic/ductal/small intestinal pathology

S3.10 Histologically confirmed metastatic sites

G3.05 Findings in other resected organs

G3.06 Other microscopic information

Ancillary test findings

G4.01 ANCILLARY TESTS

Performed

No

Yes

Pending

Test type 1 eg IHC, molecular, etc:

if IHC record antibody results



Positive Abs	
Negative Abs	
Equivocal Abs	

Result

Interpretive comment

Test type 2 eg IHC, molecular, etc:

if IHC record antibody results



Positive Abs	
Negative Abs	
Equivocal Abs	

Result

Interpretive comment

Synthesis and overview

S5.01 PATHOLOGICAL STAGING (AJCC) (Refer to table opposite)

Primary tumour (T)

Regional lymph nodes (N)

Distant metastasis (M)

S5.02 Year and edition of staging system

G5.01 Diagnostic summary

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

S5.03 Overarching comment

PATHOLOGICAL STAGING (AJCC)

Primary tumour category (pT)

PANCREAS

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- Tis Carcinoma in situ*
- T1 Tumour limited to the pancreas, 2 cm or less in greatest dimension
- T2 Tumour limited to the pancreas, more than 2 cm in greatest dimension
- T3 Tumour extends beyond the pancreas but without involvement of the celiac axis or the superior involves mesenteric artery
- T4 Tumour involves the celiac axis or the superior mesenteric artery (unresectable primary tumour)

*This also includes "PanIn-III" classification

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
- T2 Tumour invades duodenal wall
- T3 Tumour invades pancreas
- T4 Tumour invades peripancreatic soft tissues or other adjacent organs or structures other than pancreas

COMMON BILE DUCT

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- Tis Carcinoma in situ
- T1 Tumour confined to the bile duct histologically
- T2 Tumour invades beyond the wall of the bile duct
- T3 Tumour invades the gallbladder, pancreas, duodenum, or other adjacent organs without involvement of the celiac axis, or the superior mesenteric artery
- T4 Tumour involves the celiac axis, or the superior mesenteric artery

Regional lymph node category (pN)

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Regional lymph node metastasis

Distant metastasis category (pM)

- M0 No distant metastases
- M1 Distant metastasis