

# **Pancreas (Endocrine)**

**Protocol applies to all endocrine tumors of the pancreas.**

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*Protocol revision date: January 2005  
No AJCC/UICC staging system*

## **Procedures**

- **Incisional Biopsy** (No Accompanying Checklist)
- **Excisional Biopsy (Enucleation)**
- **Partial Pancreatectomy**
- **Pancreaticoduodenectomy (Whipple Resection)**

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The College of American Pathologists offers these protocols to assist pathologists in providing clinically useful and relevant information when reporting results of surgical specimen examinations of surgical specimens. The College regards the reporting elements in the “Surgical Pathology Cancer Case Summary (Checklist)” portion of the protocols as essential elements of the pathology report. However, the manner in which these elements are reported is at the discretion of each specific pathologist, taking into account clinician preferences, institutional policies, and individual practice.

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## Summary of Changes to Checklist(s)

*Protocol revision date: January 2005*

The following changes have been made to the data elements of the checklist(s) since the January 2004 protocol revision.

### **Protocol in General**

Tumors with mixed endocrine and acinar cell differentiation are no longer included in this protocol (see Exocrine Pancreas protocol).

### **Excisional Biopsy (Enucleation), Resection Checklist**

#### **Macroscopic**

Specimen Type: Excisional biopsy (enucleation) was added, as shown below

#### **Specimen Type**

- Excisional biopsy (enucleation)
- Pancreaticoduodenectomy (Whipple resection), partial pancreatectomy
- Pancreaticoduodenectomy (Whipple resection), total pancreatectomy
- Pylorus sparing pancreaticoduodenectomy, partial pancreatectomy
- Pylorus sparing pancreaticoduodenectomy, total pancreatectomy
- Partial resection, pancreatic body
- Partial resection, pancreatic tail
- Other (specify): \_\_\_\_\_
- Not specified

**Surgical Pathology Cancer Case Summary (Checklist)***Protocol revision date: January 2005**Applies to endocrine tumors only**No AJCC/UICC staging system***PANCREAS (ENDOCRINE): Excisional Biopsy (Enucleation),  
Resection**

Patient name:

Surgical pathology number:

**Note: Check 1 response unless otherwise indicated.****MACROSCOPIC****Specimen Type**

- Excisional biopsy (enucleation)  
 Pancreaticoduodenectomy (Whipple resection), partial pancreatectomy  
 Pancreaticoduodenectomy (Whipple resection), total pancreatectomy  
 Pylorus sparing pancreaticoduodenectomy, partial pancreatectomy  
 Pylorus sparing pancreaticoduodenectomy, total pancreatectomy  
 Partial resection, pancreatic body  
 Partial resection, pancreatic tail  
 Other (specify): \_\_\_\_\_  
 Not specified

**\*Tumor Site (check all that apply)**

- Pancreatic head  
 Uncinate process  
 Pancreatic body  
 Pancreatic tail  
 Indeterminate  
 Not specified

**Tumor Focality**

- Unifocal  
 Multifocal

**\*Tumor Configuration (check all that apply)**

- Infiltrative  
 Circumscribed
  - Solid, entirely encapsulated
  - Solid, partially encapsulated
  - Cystic, entirely encapsulated
  - Cystic, partially encapsulated

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\* Data elements **with asterisks** are **not required** for accreditation purposes for the Commission on Cancer. These elements may be clinically important, but are not yet validated or regularly used in patient management. Alternatively, the necessary data may not be available to the pathologist at the time of pathologic assessment of this specimen.

**Tumor Size**

Greatest dimension: \_\_\_ cm

\*Additional dimensions: \_\_\_ x \_\_\_ cm

\_\_\_ Cannot be determined (see Comment)

**\*Other Organs Submitted (check all that apply)**

\* \_\_\_ None

\* \_\_\_ Spleen

\* \_\_\_ Gallbladder

\* \_\_\_ Other(s) (specify): \_\_\_\_\_

**MICROSCOPIC****\*Functional Type**

\* \_\_\_ Cannot be assessed

\* \_\_\_ Pancreatic endocrine tumor, functional  
(correlation with clinical syndrome and/or elevated serum levels of hormone product) (specify type): \_\_\_\_\_

\* \_\_\_ Pancreatic endocrine tumor, nonsecretory

\* \_\_\_ Pancreatic endocrine tumor, secretory status unknown

**Extent of Invasion**Primary Tumor

\_\_\_ Tumor limited to pancreas

\_\_\_ Tumor invades beyond pancreatic capsule, but does not invade adjacent structures/organs

\_\_\_ Tumor invades adjacent structures/organs (check all that apply):

\_\_\_ Duodenum

\_\_\_ Bile duct

\_\_\_ Stomach

\_\_\_ Spleen

\_\_\_ Colon

\_\_\_ Adjacent large vessels (eg, portal vein, celiac artery, superior mesenteric vessels, common hepatic vessels)

\_\_\_ Other (specify): \_\_\_\_\_

Regional Lymph Nodes

\_\_\_ Cannot be assessed

\_\_\_ No regional lymph node metastasis

\_\_\_ Regional lymph node metastasis

Specify: Number examined: \_\_\_

Number involved: \_\_\_

Distant Metastasis

\_\_\_ Cannot be assessed

\_\_\_ Distant metastasis

\*Specify site(s) if known: \_\_\_\_\_

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**Margins (check all that apply)** Cannot be assessed Uninvolved by tumor

\*Distance of tumor from closest margin: \_\_\_\_ mm

\*Specify margin (if possible): \_\_\_\_\_

 Margin(s) involved by invasive carcinoma Posterior retroperitoneal (radial) margin: posterior surface of pancreas Uncinate process margin (non-peritonealized surface of the uncinata process) Distal pancreatic margin Common bile duct margin Proximal pancreatic margin Other (specify): \_\_\_\_\_**\*Venous/Lymphatic (Large/Small Vessel) Invasion (V/L)**\*  Absent\*  Present\*  Indeterminate**\*Perineural Invasion**\*  Absent\*  Present**\*Mitotic Activity**\*  Not applicable\*  Absent\*  Present; less than or equal to 4 mitoses/10 high-power fields\*  Present; greater than 4 mitoses/10 high-power fields**\*Additional Pathologic Findings (check all that apply)**\*  None identified\*  Chronic pancreatitis\*  Acute pancreatitis\*  Adenomatosis\*  Other (specify): \_\_\_\_\_**\*Comment(s)**

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