**TNM 8**

**Pancreas**

**T – Primary Tumour**

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

Tis Carcinoma in situ (also includes PanIN–III)

T1 Tumour 2 cm or less in greatest dimension

T1a Tumour 0.5 cm or less in greatest dimension

T1b Tumour greater than 0.5 cm and less than 1 cm in greatest dimension

T1c 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

T3 Tumour and more than 4 cm in greatest dimension

T4 Tumour involves coeliac axis, superior mesenteric artery and/or common hepatic

artery

**N – Regional Lymph Nodes**

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

**M – Distant Metastasis**

M0 No distant metastasis

M1 Distant metastasis

**Rules for Classification**

The classification applies to carcinomas of the exocrine pancreas and/or high grade

neuroendocrine carcinomas. There should be histological or cytological confirmation of the disease.

**Regional Lymph Nodes**

The regional lymph nodes for tumours in the head and neck of the pancreas are the

lymph nodes along the common bile duct, common hepatic artery, portal vein, pyloric, infrapyloric, subpyloric, proximal mesenteric, coeliac, posterior, and anterior

pancreaticoduodenal vessels, and along the superior mesenteric vein and right lateral wall of the superior mesenteric artery.

The regional lymph nodes for tumours in body and tail are the lymph nodes along the

common hepatic artery, coeliac axis, splenic artery, and splenic hilum, as well as

retroperitoneal nodes and lateral aortic nodes.

**Distal Extrahepatic Bile Duct**

**T – Primary Tumour**

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

Tis Carcinoma *in situ*

T1 Tumour invades bile duct wall to a depth less than 5 mm

T2 Tumour invades bile duct wall to a depth of 5 mm up to 12 mm

T3 Tumour invades bile duct wall to a depth of more than 12 mm

T4 Tumour involves the coeliac axis, the superior mesenteric artery and/or the common

hepatic artery

**N – Regional Lymph Nodes**

NX Regional lymph nodes cannot be assessed

N1 Metastases to 1–3 regional nodes

N2 Metastasis to 4 or more regional nodes

**M – Distant Metastasis**

M0 No distant metastasis

M1 Distant metastasis

**Rules for Classification**

The classification applies to carcinomas of the extrahepatic bile ducts distal to the insertion of the cystic duct. Cystic duct carcinoma is included under gallbladder.

**Regional Lymph Nodes**

The regional lymph nodes are along the common bile duct, hepatic artery, back towards the coeliac trunk, posterior and anterior pancreaticoduodenal nodes, and nodes along the superior mesenteric artery.

**Ampulla of Vater**

**T – Primary Tumour**

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

Tis Carcinoma in situ

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 the muscularis propria of the duodenum

T3 Tumour invades pancreas

T3a Tumour invades 0.5 cm or less into the pancreas

T3b Tumour invades more than 0.5 cm into the pancreas or extends into

peripancreatic tissue or duodenal serosa but without involvement of the celiac

axis or the superior mesenteric artery

T4 Tumour with vascular involvement of the superior mesenteric artery or celiac axis,

or common hepatic artery

**N – Regional Lymph Nodes**

NX Regional lymph nodes cannot be assessed

N0 No regional lymph node metastasis

N1 Metastasis in 1 or 2 regional lymph nodes

N2 Metastasis in 3 or more regional lymph nodes

**M – Distant Metastasis**

M0 No distant metastasis

M1 Distant metastasis

**Regional Lymph Nodes**

The regional lymph nodes are the same as for the head of the pancreas and are the lymph

nodes along the common bile duct, common hepatic artery, portal vein, pyloric,

infrapyloric, subpyloric, proximal mesenteric, coeliac, posterior and anterior

pancreaticoduodenal vessels, and along the superior mesenteric vein and right lateral wall

of the superior mesenteric artery.

**Note**

The splenic lymph nodes and those of the tail of the pancreas are *not* regional; metastases

to these lymph nodes are coded M1.