Intrahepatic Bile Duct Carcinoma

Procedure:  Partial hepatectomy    Total hepatectomy

Focality:  Single    Multiple. Number of masses:

Maximum diameter of largest mass: _____ cm

Histologic type:
  - Cholangiocarcinoma
  - Mixed hepatocellular and cholangiocarcinoma
  - Neuroendocrine carcinoma

Histologic grade:
  - Cannot be assessed
  - Well differentiated (G1)
  - Moderately differentiated (G2)
  - Poorly differentiated (G3)
  - Undifferentiated (G4)

Tumor growth pattern:
  - Mass-forming
  - Periductal infiltrating
  - Mixed mass-forming and periductal infiltrating

Microscopic tumor extension: (select all that apply)
  - Confined to hepatic parenchyma
  - Invades through capsule and perforates visceral peritoneum
  - Directly invades adjacent organs

Lymph-vascular invasion: (select all that apply)
  - Venous (major vessel) invasion of right or left portal or hepatic veins
  - Small vessel invasion present
  - Not identified

Lymph node metastases?
  - No lymph nodes submitted or found
  - No
  - Yes. Number positive lymph nodes / total examined:

Resection margins are:
  - Negative for invasive carcinoma
  - Involved by invasive carcinoma. Specify positive margins:

Is the liver cirrhotic?  Yes. Etiology:  No

Distant metastases?  Yes    Unknown
pTNM by the 7th edition AJCC staging manual

T Stage
- T1 Solitary tumor without vascular invasion
- T2a Solitary tumor with vascular invasion
- T2b multiple tumors with or without vascular invasion
- T3 Tumor perforating the visceral peritoneum or involving the local extrahepatic structures by direct invasion.
- T4 Tumor with periductal invasion (defined as diffuse longitudinal growth pattern along the intrahepatic bile ducts on both gross and microscopic exam)

N Stage
- N0 No regional lymph node metastasis (7th ed. AJCC pg 202 defines regional lymph nodes)
- N1 Regional lymph node metastasis

M Stage
- M1 Distant metastasis

If not M1, then do not include an M stage.
- We cannot determine if there are no distant metastasis, so M0 cannot be used.

AJCC Staging Manual, 7th Edition