

Cholangiocarcinoma :

I. Bile duct evaluation:

- 1) Bile duct involvement:
 - Right secondary confluence
 - Right hepatic duct
 - Left secondary confluence
 - Left hepatic duct
 - Primary confluence
 - Common hepatic duct
 - Supra-pancreatic CBD
 - Intra-pancreatic CBD

- 2) Bile duct anatomy variation:
 - Not evaluable
 - No
 - Yes
 - trifurcation
 - Right posterior duct inserted to left hepatic duct
 - Right posterior duct inserted to CBD
 - others (please specify)

- 3) Bismuth classification: I, II, IIIa, IIIb, IV

- 4) Gross morphology based on predominant component:
 - Mass forming (maximum diameter in cm)
 - Periductal infiltrating
 - Intraductal growth

II. Vessel evaluation:

- 1) Artery anatomy variation:
 - Not evaluable
 - No
 - Yes
 - Replaced right hepatic artery
 - Replaced left hepatic artery
 - Replaced common hepatic artery
 - Others (please specify)

- 2) Portal vein anatomy
 - Not evaluable
 - No
 - Yes
 - PV trifurcation
 - Right posterior PV as first branch of main portal vein
 - Others (please specify)

III. **Regional lymph nodes:** absent, indeterminate, present

IV. **Distance metastases:**

- liver: absent, indeterminate, present (location)
- Peritoneal/ omental nodule: absent, indeterminate, present (location)
- Distant lymph node: absent, indeterminate, present (location)
- Other organs: specify location