

Extra-Hepatic Biliary Obstruction

Epi

#1

Stones > 80%

Benign

- ① Stones
- ② Strictures

Malignant

- ① Pancreas
- ② Cholangio



Etiology

Lumen

Stone
Sludge
Parasite
Cast

Wall

Cancer
- Cholangio
PSC
Trauma
Ischemia
AIDS Cholangiopathy
IgG4

External

Cancer
- Pancreas
- Ampullary
- Duodenal
↑ Lymph Nodes
Mirizzi Syndrome
Cyst

Dx

Dx

HIDA +/- EF
Ultrasound
CT w/ contrast
MRCP

Dx ≡ Tx
ERCP

↑ sensitivity
↓

