

Case 7

- Are there gallstones outside the gallbladder?
- Yes there is a small stone at the ampulla.
- How do we differentiate from Sphincter of Oddi?
 - The filling defect is present on multiple series
 - Meniscus sign
 - Cleft of fluid either side of the filling defect
 - Equal on both sides
 - Angulation at the apex of the stone.
 - SoO is smooth.

Case 8

- Are there gallstones? Any other findings?
- Distal CBD filling defect
 - 'Meniscus' isn't equal
 - Caused by asymmetric squashing duct by Sphincter of Oddi
 - Axial reformats -> Crescent shape
 - EUS shows similar findings with no stone
- Additional finding
 - Collapsed GB with cholecystoduodenal fistula.

Case 9

- Are there any gallstones? Any additional findings?
- No gallstones
- Filling defects in duct are asymmetrical and peripheral (Reformat to axial)
- Look at anatomical imaging
 - Portal cavernoma with PV thrombus
 - Biliary Varix
 - Asymptomatic when small but can lead to portal biliopathy
 - Can cause jaundice and secondary biliary cirrhosis.
 - Risk of haemorrhage during endoscopic intervention.

Case 10

- What has happened here?
- Cholecystectomy. No preprocedure imaging
- Right posterior duct ligated
 - Likely had a variant anatomy into cystic duct vs into CHD
- Duct now obstructed
 - IHDD and stones secondary to stasis
 - Causes biliary colic and recurrent cholangitis
- Treatment will require surgical intervention
 - Hepatico jejunostomy if short interval
 - Liver resection if presents late