Lemmel's Syndrome: A Rare Cause of Obstructive Jaundice/Cholangitis/Pancreatitis

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Clinical Image

Lemmel's syndrome, first described by Lemmel in 1934, refers to duodenal diverticulum of second part of duodenum compressing on the Common bile duct which may present as obstructive jaundice, cholangitis, pancreatitis, or intrahepatic/ cholangiolar abscess.

50 Years old lady presented to our unit with chief complaints of pain epigastric region and deranged liver profile. A clinical diagnosis of pancreatitis was made and the patient managed accordingly. Subsequently CECT abdomen (Figure 1 & 2) was done which showed diverticula of second part of duodenum compressing on the intrapancreatic portion of CBD, dilatation of suprapancreatic portion of CBD, cholangiolar abscess. Barium swallow (Figure 3) of the patient also showed diverticula of second part of duodenum. Side viewing endoscopy confirmed the diagnosis Lemmel's syndrome [1,2].

Figure 1: CECT abdomen showing the findings as described in the image.

Figure 2: Cholangiolar abscess.

Figure 3: Barium Swallow showing diverticula of second part of diverticulum

ERCP and sphincterotomy relieved the patient of all the symptoms.

References

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