

Clinical Image: Rare Anatomical Variety of the Right Hepatic Artery

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Abstract:

A 45-year-old lady who presents with pain in the right hypochondrium, without jaundice. Abdominal ultrasound showed a lithiasis of the gallbladder, without dilation of the main bile ducts. The liver function tests were normal. the indication for cholecystectomy was asked. Laparoscopic surgical exploration revealed a lithiasis of the gallbladder, with the presence of an anatomical variety of the right hepatic artery which is extra hepatic and which passes over the left edge of the gallbladder to penetrate inside the liver at segment 4 level apart from hepatic salvation. A dissection of the right hepatic artery relative to the gallbladder and laparoscopic cholecystectomy was performed.

The origin of hepatic arteries was standard in 72% and aberrant in 28% livers (1). Arterial anatomical variants predominated in males, but this predominance was not significantly related to gender (2). variation in the right hepatic artery was found in 11.1%. Wide variability in hepatic arterial anatomy was observed, many of which could not be included in current classification systems.

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Diagnosis: anatomical variety of the right hepatic artery

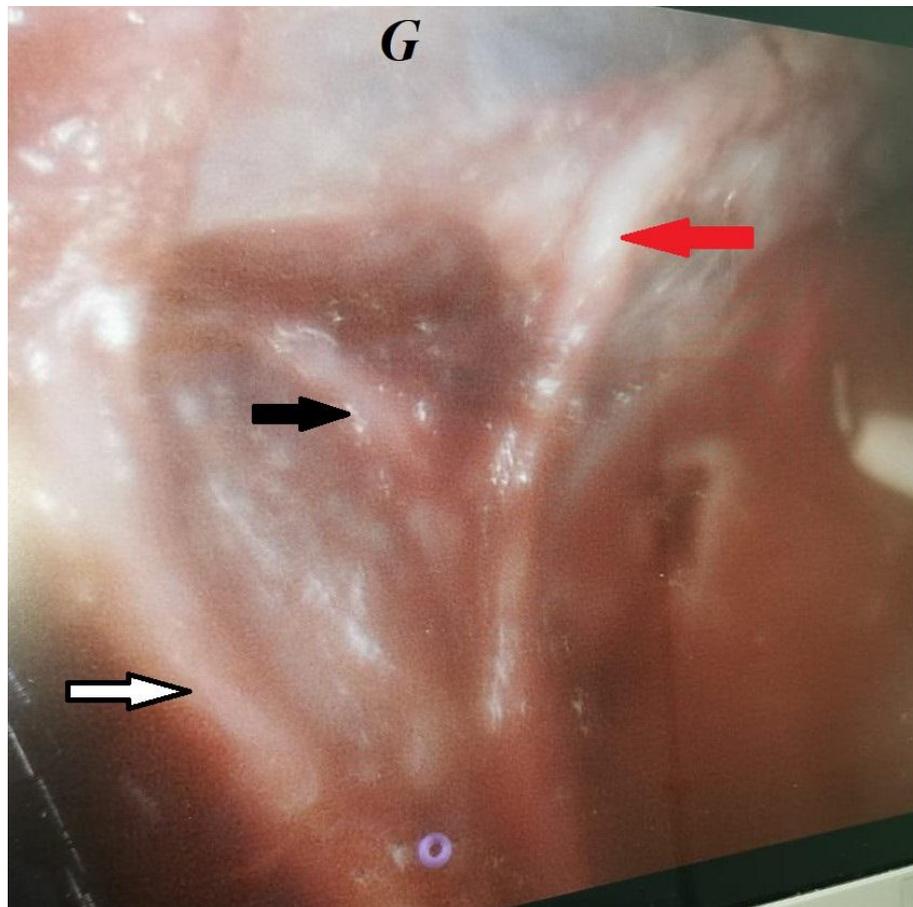


Image: Red Arrow: hepatic artery, black arrow: cystic artery, white arrow: cystic duct, G : Gallblader.

Reference:

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