

# Diagnosis of Fasciola Hepatica by Endoscopic Ultrasound

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A 28-year-old woman was admitted for colicky abdominal pain. Mild eosinophilia (300/ $\mu$ l) and a slight increase in alkaline phosphatase were present. Transabdominal ultrasonography showed only mild dilation of the common bile duct. Figures 1, 2 show the endoscopic ultrasound (EUS) and endoscopic retrograde cholangiopancreatography (ERCP) findings, respectively. Parasitology confirmed the diagnosis of *Fasciola hepatica*. Endoscopic ultrasound may be helpful in the diagnosis of parasites in the biliary tract.

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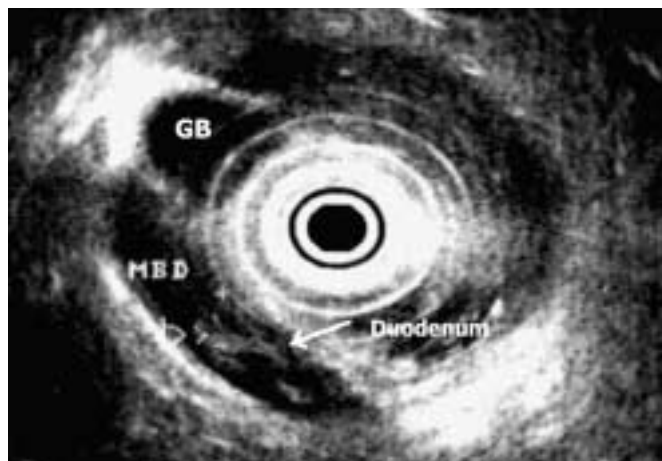


Figure 1 Endoscopic ultrasound revealed a spiral-shaped mobile membrane (arrow) within the main bile duct (MBD). GB: gallbladder.

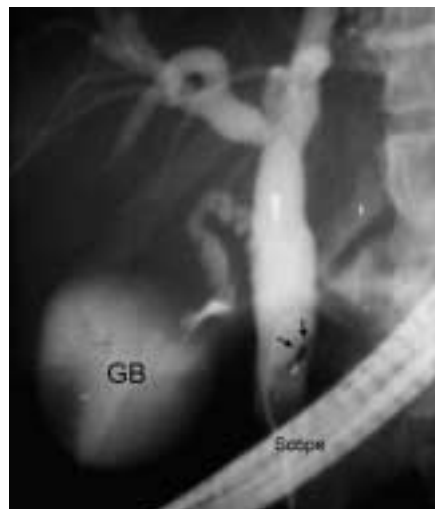


Figure 2 Endoscopic retrograde cholangiopancreatography showed a comma-shaped filling defect (arrows), and a live flatworm was extracted. GB: gallbladder.