Giant staghorn common bile duct calculus

Ranendra Hajong · Noor Topno · Arup J Baruah ·
Donkumar Khongwar

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Staghorn calculus in the common bile duct (CBD) is rare. Few reports have described a giant stone measuring 5 cm or more in the CBD [1]. We could find only one published report of staghorn common bile duct calculus [2].

A 48-year-old lady presented with chronic pain upper abdomen and mild icterus. Ultrasonography followed by magnetic resonance cholangiopancreatography (MRCP)

showed dilated CBD impacted with stones (Fig. 1). The patient underwent open cholecystectomy and CBD exploration. At surgery, the stone was tightly impacted in the CBD and extended into both hepatic ducts, measuring approximately 8 cm × 6 cm (Fig. 2). The stone was extracted with difficulty and hepaticojejunostomy was done. The patient recovered uneventfully and was discharged from the hospital on 10th postoperative day.

Fig. 1 MRI showing staghorn common bile duct calculus

Fig. 2 Image of staghorn common bile duct calculus

R. Hajong (✉) · N. Topno · A. J. Baruah · D. Khongwar
Department of Surgery, NEIGRIHMS,
Shillong, Meghalaya 793 018, India
e-mail: ranenhajong@gmail.com

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