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Laparoscopic Cholecystectomy For Mirizzi Syndrome: A Case Report

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Background : Mirizzi syndrome is a rare complication of gallstone disease. It is necessary to discuss each clinical experience and consider an appropriate method for the preoperative diagnosis and treatment.

Methods : We report a case of a 37-year-old male presented with dark urine and right upper quadrant pain. Blood tests revealed elevated liver and biliary enzyme levels. Magnetic resonance cholangiopancreatography showed a narrowed common hepatic duct compressed by a 12mm cystic duct stone, consistent with upstream bile duct dilatation. Clinically mirizzi syndrome diagnosed.

Results : Emergent percutaneous cholecystostomy performed. Delayed laparoscopic cholecystectomy was done. The postoperative clinical course was uneventful.

Conclusions : Delayed laparoscopic cholecystectomy is a useful technique for patients with Mirizzi syndrome to avoid complication rates, including bile duct injuries

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