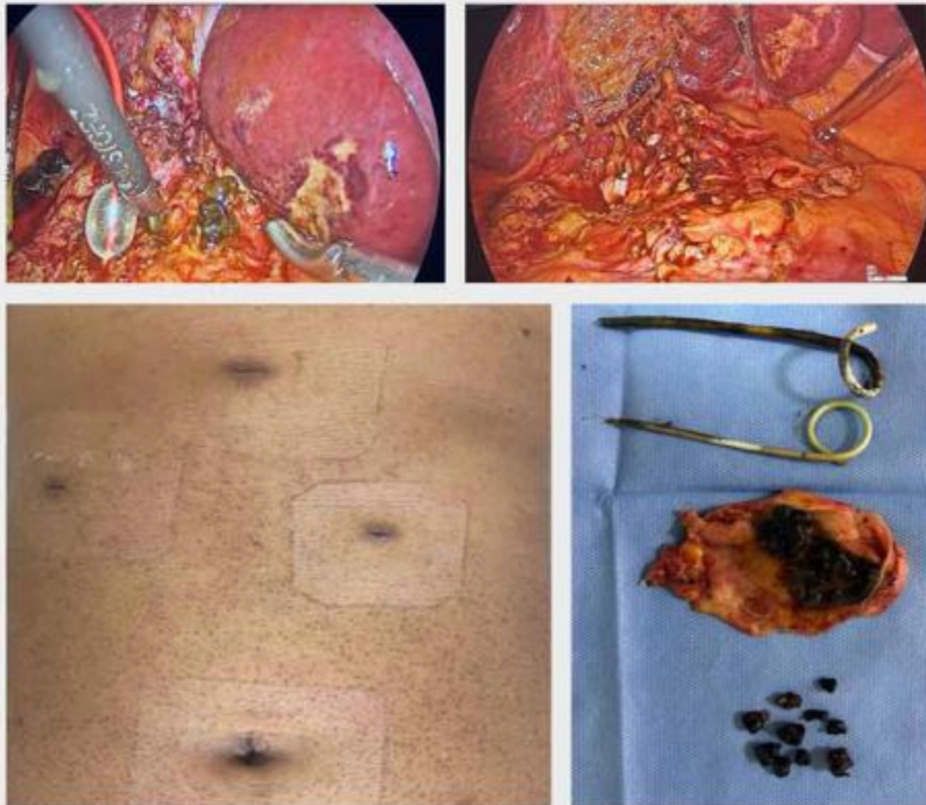


## Doctors at Fortis Nagarbhavi, Bengaluru, remove 67-year-old's complex and recurrent Common Bile Duct stones along with broken stent



A team of doctors led by Dr Ramraj V N, Consultant Surgical Gastroenterologist, Advanced Laparoscopy, Bariatric and Metabolic Surgeon at Fortis Hospital, Nagarbhavi, Bengaluru, successfully removed complex and recurrent Common Bile Duct stones along with an adherent and broken common bile duct stent from a 67-year-old patient by combining Laparoscopic CBD exploration with Choledochoscopy. The patient was discharged on April 27, 2022.

Unlike conventional techniques which use X-ray or C-arm imaging, Choledochoscopy offers the advantage of direct visualisation of the enlarged bile ducts to ensure complete removal of all stones and sludge, the doctor said. This patient had Gall bladder stones (Cholelithiasis) with Common bile duct stones (Choledocholithiasis) in 2020, and had undergone endoscopic removal of stones with stenting at a private hospital. Two years later, the patient developed Common bile duct stones (Choledocholithiasis) and infection of the biliary system (Cholangitis). Repeat endoscopy and stone removal was attempted. But, the stent placed earlier was adherent and broke and could not be retrieved completely.

He visited Fortis Nagarbhavi for further management. After elaborate discussions on all the available treatment options, patient and family opted for a single stage treatment, i.e surgery. The doctors went ahead with Laparoscopic Cholecystectomy with Laparoscopic Common Bile Duct Exploration & Choledochoscopy, where through laparoscopy or small key holes, gall bladder with stones were removed and along with this the Common bile duct was identified and opened through the same small key holes and the previously placed broken and densely adherent or stuck stent was removed, the common hepatic (CHD) and common bile duct (CBD) were cleared of all the calculi (stones) using a Fogarty balloon catheter. Choledochoscope, a special slender fibre optic scope, was introduced through these same small key holes (Laparoscopically) in to the bile tubes and clearance was ensured.

***Congratulations, Team Nagarbhavi!***