

# EUS-GUIDED CHOLEDOCHODUODENOSTOMY USING SINGLE STEP LUMEN-APPOSING METAL STENTS FOR PRIMARY DRAINAGE OF MALIGNANT DISTAL BILIARY OBSTRUCTION (SCORPION-PILOT): A PROSPECTIVE PILOT STUDY

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Poster

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**A prospective pilot study of 22 patients with malignant distal biliary obstruction found EUS-guided choledochoduodenostomy using lumen-apposing metal stents achieved 91% technical success but 55% experienced stent dysfunction within 6 months.**

## KEY POINTS

- Technical success was achieved in 20 of 22 patients (91%) using 6x8mm lumen-apposing metal stents, with a median procedure time of 11 minutes.
- Clinical success was achieved in 18 of 20 patients (90%) with successful stent placement, defined as 50% decrease in bilirubin or symptom relief without re-intervention.
- Eleven patients (55%) experienced stent dysfunction within 6 months, presenting as cholangitis in 10 patients or jaundice in 1 patient, with 9 patients requiring re-intervention.
- Eight patients (36%) had possible procedure-related adverse events within 30 days, most commonly cholangitis considered related to stent dysfunction.
- The authors conclude that while EUS-guided choledochoduodenostomy with lumen-apposing metal stents is safe and feasible as primary drainage, the high stent dysfunction rate currently limits its use as an alternative to ERCP with self-expandable metal stents.

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