

MOTORIZED SPIRAL ENTEROSCOPY-ASSISTED THERAPEUTIC ERCP IN PATIENTS WITH ROUX-EN-Y BILIOENTERIC RECONSTRUCTION

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Motorized spiral enteroscopy-assisted ERCP achieved successful biliary access in 78% and successful interventions in 86% of 18 procedures in patients with Roux-en-Y anatomy.

KEY POINTS

- In 14 patients with Roux-en-Y reconstruction (9 long limb, 9 very long limb), 14 of 18 MSE-ERCP procedures successfully reached the biliary entry and 12 of those 14 completed intended interventions including papillotomy, stone removal, and stent placement.
- Success reaching the biliary entry was lower in very long limb situations compared to long limb (66% versus 89%), while intervention success rates were comparable between groups.
- Mean procedure time for successful interventions was 93 minutes and 60% of procedures were performed on an outpatient basis.
- Complications occurred in two patients, one related to enteroscopy and one to the biliary intervention.
- The authors conclude MSE-ERCP is a promising technique for Roux-en-Y patients with acceptable outcomes, though prolonged procedure times must be considered.

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