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Summary

OUTCOMES OF LUMEN APPOSING METAL STENT PLACEMENT IN PATIENTS WITH SURGICALLY ALTERED ANATOMY: A MULTICENTER INTERNATIONAL EXPERIENCE

Jorge Vargas-Madrigal

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A multicenter study of 255 patients with surgically altered anatomy undergoing lumen-apposing metal stent placement found technical and clinical success rates ranging from 50% to 100% with an overall adverse event rate of 10.6%.

KEY POINTS

- The study included 255 patients across 25 tertiary-care centers with various types of surgically altered anatomy, most commonly Roux-en-Y gastric bypass (41.6%) and pancreaticoduodenectomy (28.2%).
- Indications for LAMS placement included endoscopic ultrasound-directed transgastric ERCP (32.2%), EUS-guided creation of enteric anastomoses (29.0%), drainage of peri-pancreatic fluid collections (18.0%), malignant biliary obstruction (12.5%), and cholecystitis (4.7%).
- Technical and clinical success rates varied widely between 50% and 100% depending on indication and anatomy type.
- Adverse events occurred in 10.6% of cases (27 of 255 patients).
- The authors conclude these procedures should be performed by expert endoscopists at tertiary centers given the notable adverse event rate.

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