

LONG-TERM OUTCOMES OF EUS-GUIDED GASTROENTEROSTOMY (LONG-RANGE STUDY): A PROSPECTIVE COHORT STUDY TRACKING SYMPTOMS RECURRENCE, REINTERVENTION TIMELINES AND STENT CHANGES OVER TIME

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Presentation

Endoscopy

Hepatobiliary

Pancreas

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Prospective registry of 164 EUS-guided gastroenterostomies for malignant gastric outlet obstruction demonstrates 97.5% dysfunction-free survival at 6 months with only 6.5% requiring endoscopic reintervention, all managed successfully.

KEY POINTS

- Technical success was 98.8% and clinical success 96.3% using the Wireless Simplified Technique with 20 mm LAMS dilated to 18 mm in 98.8% of cases.
- Over median 112-day follow-up, stent dysfunction occurred in 6.5% of patients after median 231 days and was successfully treated endoscopically in all cases.
- Dysfunction-free survival was 97.5% at 6 months and 82.6% at 12 months.
- Adverse events occurred in 15.2% overall, with procedure-related events in 6.1% and severe or fatal events in 3.7%.
- Among 38 patients undergoing endoscopic reassessment, asymptomatic tissue reactions were observed in 34.2% after median 190 days and LAMS ingrowth in 13.2% after median 421 days.
- CT analysis of 132 scans from 75 patients revealed progressive LAMS diameter reduction of approximately 0.25 mm every 2 months.

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