G-POEM REDUCES HOSPITALIZATION RATES, NASOJEJUNAL FEEDING TUBE USE AND MEDICATION USE IN PATIENTS WITH GASTROPARESIS

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Retrospective study of 45 gastroparesis patients demonstrates that G-POEM significantly reduces hospitalizations, medication use, and need for nasojejunal feeding independent of disease etiology.

KEY POINTS

- Hospitalization rates decreased significantly from 63.2% to 36.4% of patients (p=0.033) after G-POEM, with mean follow-up of 23±17 months.
- Prokinetic use fell from 89.7% to 34.2% (p<0.001), anti-emetic use from 53.8% to 0% (p<0.001), and nasojejunal tube placement from 22.2% to 2.2% (p=0.007).
- Outcomes did not differ between diabetic and idiopathic gastroparesis patients in terms of post-procedure hospitalization or medication use.
- Procedural complications included perforation in 11.1% and bleeding in 6.6% of cases, with all but one complication managed endoscopically.
- This study addresses a gap in G-POEM effectiveness data by focusing on clinical outcomes beyond gastric retention and symptom scores.

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