

LONG-TERM OUTCOMES IN PATIENTS WITH REFRACTORY GASTROPARESIS TREATED WITH GASTRIC PERORAL ENDOSCOPIC MYOTOMY (G-POEM): A MULTICENTER ITALIAN STUDY

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Poster

Oesophagus

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A multicenter retrospective study of 56 patients with refractory gastroparesis treated with gastric peroral endoscopic myotomy (G-POEM) found clinical success rates declining from 70.0% at 3 months to 57.1% at 24 months.

KEY POINTS

- Technical success was achieved in 96.4% of cases (54/56) with only two grade 1 adverse events (3.5%), median myotomy length 3.00 cm.
- Clinical success rates decreased significantly over time: 70.0% at 3 months, 66.7% at 6 months, 64.9% at 12 months, and 57.1% at 24 months ($p<0.001$).
- In multivariate analysis, older age ($OR=1.27$, $p=0.02$) and higher baseline GCSI score ($OR=1.45$, $p=0.03$) predicted clinical success at 1 year.
- Among patients with clinical success at 2 years, there were no significant changes in BMI (22.6 vs 22.0, $p=0.40$) or gastric emptying time (174 vs 101 min, $p=0.078$).
- Success rates did not differ by gastroparesis etiology (idiopathic, diabetic, or post-surgical), and 4 of 24 patients with success at 12 months experienced symptom relapse by 24 months.

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