

PREDICTORS OF SUCCESS AND ADVERSE EVENTS RISK FACTORS IN THE IMPLEMENTATION OF PERORAL ENDOSCOPIC MYOTOMY (POEM). RESULTS FROM THE SPANISH MULTICENTER PROSPECTIVE REGISTRY

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Poster

Oesophagus

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A prospective multicenter study of 441 patients in Spain reports 94.4% clinical success for peroral endoscopic myotomy (POEM) in esophageal motor disorders with 9.3% complication incidence during the implementation phase from 2016 to 2023.

KEY POINTS

- Clinical success rate was 94.4% at last follow-up (up to 2 years) in 396 patients with esophageal motor disorders, with type II achalasia comprising 62.1% of cases
- Higher baseline Eckardt score was an independent risk factor for clinical failure in long-term follow-up
- Symptomatic reflux occurred in 4.7% and significant esophagitis in 10.1% of patients following POEM
- Overall complication rate was 9.3% with 3.2% severe events; older age, longer procedure duration, and mucosal injury were identified as risk factors for complications
- This multicenter Spanish study provides outcomes data for clinicians considering POEM as primary or subsequent treatment for esophageal motor disorders

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