

# EFFICACY AND SAFETY OF A NEW STENT IN MANAGING FISTULAS AND STRICTURES AFTER BARIATRIC AND ONCOLOGIC SURGERY

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Poster

Oesophagus

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**A retrospective multicenter study of 35 patients reports that the Luso-Cor esophageal stent achieved 93% clinical success in closing fistulas after gastric surgery, with 100% technical success in fistula exclusion and 14% adverse event rate.**

## KEY POINTS

- Among 35 patients with post-gastric surgery complications (28 sleeve gastrectomy fistulas, 4 anastomotic dehiscences, 3 strictures) treated between 2016 and 2023, the stent achieved 100% technical success in excluding fistulas and 93% clinical success in fistula closure after median 6 weeks implantation.
- Endoscopic reintervention was required in 31% of patients, most commonly for inadequate proximal flare coaptation (n=6) and migration (n=3), while adverse events occurred in 14% including GI bleeding (n=3) and esophageal stricture (n=1).
- Five deaths occurred during the study period: three from sepsis, one from aortoesophageal fistula, and one from probable pulmonary thromboembolism.
- The stent showed 100% clinical success for strictures with concomitant fistulas (13/13) but only 33% success for isolated strictures (1/3), with two persistent fistulas after stent removal successfully managed with over-the-scope clips.
- This material is relevant for gastroenterologists and surgeons managing post-bariatric and post-oncologic gastric surgery complications.

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