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Summary

ENDOSCOPIC ULTRASOUND (EUS)-GUIDED PELVIC ABSCESS DRAINAGE (EUS-PAD) WITH LUMEN-APPOSING METAL STENTS (LAMS) FOR COMPLICATED ACUTE DIVERTICULITIS: A MULTICENTER STUDY

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Colorectal

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A multicenter study of 53 patients with complicated acute diverticulitis found that EUS-guided drainage with lumen-apposing metal stents achieved 92.5% technical success and 88.7% clinical success with 3.8% adverse events.

KEY POINTS

- Technical success was 92.5% and clinical success 88.7% for EUS-guided pelvic abscess drainage with LAMS in patients with Hinchey stage 1b or II acute diverticulitis.
- Abscess size ≥50 mm was independently associated with higher technical success (OR 18.0, P=0.02), and a trend toward better success was observed with trans-rectal versus trans-colonic approach.
- Adverse events occurred in 3.8% of cases (one minor bleeding, one late stent migration), with no procedure-related mortality during median 12-month follow-up.
- During follow-up, 7.5% of patients required urgent surgery, 22.6% underwent elective surgery, and 3.8% experienced recurrent diverticular abscesses.
- This material is most relevant for gastroenterologists and interventional endoscopists managing complicated diverticulitis and considering alternatives to percutaneous or surgical drainage.

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