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Summary

CLINICAL EFFICACY OF LUMEN-APPOSING METALLIC STENTS FOR LOWER GASTROINTESTINAL ANASTOMOTIC STRICTURES

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Colorectal

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A prospective study of 20 patients with benign anastomotic gastrointestinal strictures treated with lumen apposing metal stents showed 80% sustained clinical success and 10% adverse event rate over mean follow-up of 1.26 years.

KEY POINTS

- Technical success was achieved in all 22 stent placement procedures (100%) for lower gastrointestinal benign anastomotic strictures.
- Sustained clinical success, defined as improvement or resolution of symptoms, was observed in 16 of 20 patients (80%) over mean follow-up of 1.26 years.
- Three adverse events occurred in 2 patients (10%), including 2 cases of post-procedure pain and one unextractable stent that remained in situ permanently.
- Stent removal was successful in 19 of 20 patients (95%), and spontaneous migration occurred in 10 patients (50%).
- Stricture etiologies included IBD surgery (n=14), prior carcinologic surgery (n=5), and sigmoiditis (n=1), with no significant outcome differences between IBD and non-IBD patients.

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