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Summary

OFF-LABEL USE OF LUMEN APPOSING METAL STENTS FOR TREATMENT OF SHORT BENIGN BILIARY STRICTURES: A RETROSPECTIVE STUDY

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UEG Week Copenhagen 2023 | Poster

Hepatobiliary

October 17, 2023

A retrospective single-center study of 70 patients found that lumen-apposing metal stents achieved 83% clinical success in treating short benign biliary strictures, with significantly better outcomes when used as second-line therapy.

KEY POINTS

- Technical success was 100% and clinical success (stricture resolution) was 83% across 70 patients treated between 2016 and 2022.
- Second-line LAMS therapy showed significantly higher success rates compared to first-line use (91.1% versus 79.3%, p=0.04).
- Stent migration occurred in 12.8% of cases, with 3 instances resulting in treatment failure, and stricture recurrence developed in 9 patients within a mean of 16 months.
- No significant difference in outcomes was observed between 16-mm and 12-mm LAMS (87% versus 76%, p=0.23).
- The authors conclude LAMS may be a safe and effective alternative for short benign biliary strictures, particularly after failure of other endoscopic methods.

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