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Summary

EUS-GUIDED BALLOON-OCCLUDED GASTROJEJUNOSTOMY BYPASS FOR MALIGNANT GASTRIC OUTLET OBSTRUCTION -A SINGLE CENTER CASE SERIES INCLUDING LONG-TERM OUTCOMES

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Retrospective study of 36 patients with malignant gastric outlet obstruction treated with EUS-guided balloon-occluded gastrojejunostomy bypass (EPASS) showed 94.4% technical success and 100% stent patency with no stent occlusion or migration.

KEY POINTS

- Technical success was achieved in 94.4% (34/36) of patients, with mean procedure time of 26.9 minutes.
- Clinical success rate was 88.9%, with mean gastric outlet obstruction scoring system scores improving from 0.42 pre-procedure to 2.08 at 7 days and 2.21 at 1 month.
- Procedure-related adverse events occurred in 16.7% of patients, including 2 cases each of fever, abdominal pain, and worsening ascites.
- In 23 patients with long-term follow-up, mean overall survival was 183.8 days, stent patency was 100%, and no stent occlusion or migration occurred.
- The authors conclude that EPASS may be a useful treatment option for symptomatic malignant gastric outlet obstruction.

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