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Summary

AUGMENTED PRO-MOTILITY PROTOCOL FOR PATIENTS WHO PREVIOUSLY FAILED PATENCY CAPSULE IS SAFE AND EFFECTIVE

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Oesophagus

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A prospective cohort study of 396 patients evaluated an augmented pro-motility preparation protocol for second patency capsule attempts in patients who failed initial testing before video capsule endoscopy.

KEY POINTS

- Of 73 patients who failed initial patency capsule testing, 35 underwent a second attempt with augmented pro-motility preparation (bisacodyl plus PEG 3350 added to standard protocol), achieving 57% success rate with no adverse events.
- The second attempt reduced the overall failed patency capsule rate by 57% absolute risk reduction with a number needed to treat of 1.8.
- All 20 patients with successful second patency capsule attempts completed subsequent video capsule endoscopy without complications, and three patients with failed second attempts had false-positive results confirmed by CT showing capsule in colon.
- Diabetes mellitus showed a trend as a risk factor for patency capsule failure (OR 3.7, p=0.057), though multivariate analysis was limited by small numbers.
- This material is most relevant to gastroenterologists managing patients requiring video capsule endoscopy, particularly those with suspected Crohn's disease (86.1% of study indications).

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