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Summary

PASSING YOUR PATENCY TEST: DO PRUCALOPRIDE AND FASTING MAKE A DIFFERENCE?

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A retrospective study of 127 patients across three Irish centers found that fasting improved patency capsule pass rates (77% vs 67%, p=0.002) but prucalopride did not (61% pass rate).

KEY POINTS

- Fasting before patency capsule ingestion was associated with significantly higher pass rates compared to non-fasting (77% vs 67%, p=0.002) in patients not receiving prucalopride
- Prucalopride administration showed a lower pass rate (61%) compared to both fasting (77%, p=0.087) and non-fasting (67%, p=0.023) groups without the medication
- All 127 patients underwent abdominal x-ray between 24-30 hours post-capsule ingestion to confirm passage across the three study groups
- The authors suggest fasting may promote gastro-ileal reflex and note that longer-duration prucalopride dosing at split intervals warrants further investigation
- This study is relevant to gastroenterologists performing capsule endoscopy in patients requiring patency testing before video capsule endoscopy

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