

OPTIMIZING CAPSULE ENDOSCOPY PATENCY TESTING: A NOVEL PROTOCOL USING GASTROGRAFIN, PRUCALOPRIDE, AND FASTING- A SINGLE CENTER EXPERIENCE

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A retrospective Irish study compared two patency capsule regimens and found that adding fasting, Gastrografin, and additional Prucalopride significantly improved pass rates from 61% to 92% in patients undergoing capsule endoscopy preparation.

KEY POINTS

- In 89 patients at Beaumont Hospital, the combination regimen (fasting, Prucalopride 2mg, and Gastrografin 50mls with PC, plus 2mg Prucalopride on x-ray day) achieved a 92% pass rate versus 61% with Prucalopride alone, a statistically significant difference ($p=0.002$)
- No patency capsule adverse events or medication side effects were reported in either group
- The authors suggest this approach may be particularly useful in centers with limited CT access where abdominal x-ray at 26-28 hours is used to assess patency capsule passage
- The study was a retrospective observational comparison; the authors note that prospective multi-center studies are needed to confirm these findings

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