EFFECT OF LOW-VOLUME AND INTERMEDIATE VOLUME BOWEL PREPARATION ON COST-EFFECTIVENESS AND QUALITY OF LIFE: OPEN-LABEL, NON-INFERIORITY, RANDOMIZED CONTROLLED TRIAL

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Colorectal

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A randomized trial in 467 Dutch colonoscopy patients found that low-volume (1L) bowel preparation was non-inferior to intermediate-volume (2L) preparation for adequate bowel cleansing and achieved higher high-quality cleaning rates.

KEY POINTS

- Low-volume preparation achieved adequate cleansing in 96.8% of patients compared to 96.1% with intermediate-volume preparation, meeting non-inferiority criteria.
- High-quality cleansing (BBPS score 3-3-3) was significantly higher with low-volume preparation at 72.7% versus 63.4% for intermediate-volume.
- Patients receiving low-volume preparation were more willing to repeat the procedure (60.1% versus 47.8%) but experienced more nausea, vomiting, and bad taste.
- No clinically significant changes in quality of life scores (EQ-5D-5L, SF-36) were observed with either preparation.
- Absenteeism and impaired work productivity affected 15.1% and 23.0% of patients respectively, with no significant differences between preparation types.

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