

EFFECT FOR COMPLETION TIME OF BOWEL PREPARATION ON BOWEL CLEANSING EFFICACY: A PROSPECTIVE RANDOMIZED COMPARISON OF 2-4 HOURS VS 4-8 HOURS BEFORE COLONOSCOPY

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UEG Week Copenhagen 2023

Poster

Colorectal

October 15, 2023

A randomized study of 504 participants found that completing bowel preparation 2-4 hours before colonoscopy resulted in higher Boston bowel preparation scale scores compared to 4-8 hours, though successful preparation rates were similar.

KEY POINTS

- Total BBPS score was significantly higher in the short interval group (2-4 hours) at 8.22 versus 7.82 in the long interval group (4-8 hours), $p < 0.001$
- Successful bowel preparation rates were comparable between groups at 97.6% for short interval and 95.2% for long interval, $p = 0.136$
- Regional scores for right colon and transverse colon were significantly higher in the short interval group
- Sleep disturbance was higher in the long interval group, while safety profiles were similar between groups
- The study used 4 L polyethylene glycol for bowel preparation and assessed outcomes using BBPS and Aronchick scales along with patient tolerability measures

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