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Summary

CAN 5-MINUTE COLONOSCOPY WITHDRAWAL TIME BE THE BENCHMARK BASED ON EXPERIENCED ENDOSCOPISTS AND EXCELLENT BOWEL PREPARATION? A MULTICENTER, RANDOMIZED CONTROLLED, BACK-TO-BACK TRIAL IN CHINA

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UEG Week Vienna 2024 | Poster

Colorectal

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A multicenter randomized controlled trial found that reducing colonoscopy withdrawal time from 6 to 5 minutes did not reduce adenoma detection rate when performed by experienced endoscopists with excellent bowel preparation.

KEY POINTS

- In 298 patients randomized to 5-minute versus 6-minute withdrawal time groups, overall adenoma detection rates were similar (41.6% vs 44.5%, P=0.613) with no significant differences in first or second withdrawal passes.
- Advanced adenoma detection rates did not differ statistically between groups (6.8% vs 8.0%, P=0.694).
- Adenoma miss rates were numerically lower in the 5-minute group compared to the 6-minute group (23.5% vs 24.6%, P=0.826), though not statistically significant.
- All procedures were performed by experienced endoscopists with excellent bowel preparation quality (Boston Bowel Preparation Scale score ≥8), and each patient underwent two withdrawal passes by the same endoscopist.
- The study suggests that a 5-minute withdrawal time benchmark may be acceptable when experienced endoscopists perform colonoscopy with excellent bowel preparation quality.

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