IMPROVED ADENOMA DETECTION RATES WITH HIGH VERSUS ADEQUATE QUALITY COLON CLEANSING USING 1L POLYETHYLENE GLYCOL PLUS ASCORBIC ACID IN A REAL-WORLD STUDY

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A post-hoc analysis of over 9,000 colonoscopies in Spain and Portugal found that achieving high-quality versus adequate bowel preparation with 1L PEG plus ascorbic acid significantly increased adenoma detection rates in both the total colon and right colon.

KEY POINTS

- When total colon BBPS score increased from 6 (adequate) to 9 (high-quality), adenoma detection rate rose from 42.4% to 48.8%, representing a 6.4% absolute increase (OR 1.29, 95% CI 1.16-1.44, p<0.0001).
- In the right colon, increasing BBPS from 2 to 3 raised adenoma detection rate from 24.1% to 27.5%, a 3.4% absolute increase (OR 1.20, 95% CI 1.08-1.33).
- The association between higher bowel cleansing quality and improved adenoma detection remained significant after adjusting for age, sex, and indication for colonoscopy.
- The study included 9,310 colonoscopies from a real-world, observational, multi-centre retrospective cohort in Spain and Portugal between July 2019 and September 2021, with patients receiving 1L polyethylene glycol plus ascorbic acid for bowel preparation.

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