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Summary

ADEQUATE BOWEL PREPARATION OF PATIENTS UNDERGOING SCREENING COLONOSCOPY – DOES EDUCATIONAL STATUS MATTER?

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Colorectal

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Analysis of 329,778 Austrian screening colonoscopies from 2012-2022 found that patients with tertiary education had significantly better bowel preparation quality than those without tertiary education.

KEY POINTS

- Patients with tertiary education achieved adequate bowel preparation in 88.46% of cases compared to 84.79% in patients without tertiary education, with an odds ratio of 1.37 (95% CI 1.33-1.44, p<0.001).
- The retrospective analysis used data from the Austrian national colorectal cancer screening program and employed logistic regression with the Aronchick scale to assess bowel preparation quality, controlling for sex and age.
- Overall adequate bowel preparation rates in the cohort met guideline standards of 85-90%, but the educational disparity suggests a need to improve information strategies for less educated patients.
- The study included only first colonoscopies and analyzed mean patient age of 66.76 years with nearly equal sex distribution (48.60% male, 51.40% female).

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