

RELEVANCE OF SYMPTOMS TO PREVALENCE OF COLONIC NEOPLASIA IN PATIENTS UNDERGOING COLONOSCOPY

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Poster

Colorectal

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A retrospective analysis of 2321 first-time colonoscopies found no significant association between common gastrointestinal symptoms and detection of adenomas or carcinomas compared to asymptomatic screening patients after adjusting for age and sex.

KEY POINTS

- Among symptomatic patients, adenomas were found in 30.1% and carcinomas in 4.0%, compared to 40.6% and 4.2% respectively in asymptomatic individuals undergoing screening
- After adjusting for age and sex, there was no significant difference between symptomatic and asymptomatic groups in polyp detection (OR 0.61, 95% CI 0.41-1.09), large polyp size (OR 0.68, 95% CI 0.38-1.2), or carcinoma detection (OR 1.15, 95% CI 0.56-2.33)
- Age was the only factor consistently associated with pathological findings, with each additional year increasing odds of adenoma detection by 1.027 (95% CI 1.021-1.033), multiple adenomas by 1.04 (95% CI 1.016-1.065), and carcinoma by 1.057 (95% CI 1.039-1.075)
- The authors conclude that common symptoms such as rectal bleeding, change in bowel movements, or abdominal pain should not raise the urgency of colonoscopy scheduling compared to asymptomatic screening patients

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