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Summary

# HIGHER POLYP DETECTION RATE AND CECUM INTUBATION RATE IN MORNING SHIFT COMPARED TO AFTERNOON SHIFT - MULTICENTER RETROSPECTIVE STUDY

Rawi Hazzan

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**A multi-center retrospective study of 277,203 colonoscopies found higher polyp detection rates and cecum intubation rates during morning shifts compared to afternoon shifts.**

## KEY POINTS

- Morning shift colonoscopies showed a polyp detection rate of 31,575 per 100,000 compared to 27,837 per 100,000 in the afternoon shift, a statistically significant difference.
- Cecum intubation rate was higher in morning procedures at 96.7% versus 95.7% in afternoon procedures.
- In multivariate analysis adjusting for other variables, morning shift remained independently associated with higher polyp detection rates alongside age, male gender, polyp follow-up, FOBT, family history of colorectal cancer, and rectal bleeding.
- The study included colonoscopies from seven endoscopy departments performed between 2016 and 2021, with morning shift patients tending to be older and more frequently female.
- The authors suggest creating optimal conditions for afternoon endoscopists to improve detection rates and quality metrics.

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