

Risk for advanced neoplasm low 10+ years after negative colonoscopy

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The risk for advanced colorectal neoplasms (ADNs) 10 or more years

after a negative screening colonoscopy is low, according to a study published online Jan. 17 in *JAMA Internal Medicine*.

Thomas Heisser, from the German Cancer Research Center in Heidelberg, and colleagues assessed the prevalence of ADNs at ≥ 10 years after a negative screening colonoscopy among 120,298 repeated screening colonoscopy participants in Germany.

The researchers found that at 10 years, the prevalence of ADNs was 3.6 percent in women and 5.2 percent among men, which increased to 4.9 and 6.6 percent, respectively, among those who had a negative colonoscopy ≥ 14 years prior. Among all screening colonoscopies among [patients](#) aged 65 years or older (1.25 million) during the same time period, prevalence was 7.1 and 11.6 percent, respectively.

For repeated colonoscopies ≥ 10 years after a negative colonoscopy, sex-specific and age-specific prevalence rates of ADNs were consistently at least 40 percent lower among women than men, lower at younger versus older ages, and much lower than for all screening colonoscopies (standardized prevalence ratios for cancers: 0.22 to 0.38 among women and 0.15 to 0.24 among men; standardized prevalence ratios for ADNs: 0.49 to 0.62 among [women](#) and 0.50 to 0.56 among men).

"Extension of the currently recommended 10-year [screening](#) intervals may be warranted, especially for female and younger participants without [gastrointestinal symptoms](#)," the authors write.

More information: Thomas Heisser et al, Prevalence of Colorectal Neoplasia 10 or More Years After a Negative Screening Colonoscopy in 120 000 Repeated Screening Colonoscopies, *JAMA Internal Medicine* (2023). [DOI: 10.1001/jamainternmed.2022.6215](https://doi.org/10.1001/jamainternmed.2022.6215)

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