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Summary

# CLINICOPATHOLOGICAL FEATURES OF EARLY-ONSET COLORECTAL TUMORS DIAGNOSED AGE AT 40 OR UNDER

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Colorectal

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**A study of 1,005 patients with endoscopically resected colorectal tumors found that early-onset tumors (age 40 or under) showed unique clinicopathological features compared with later-onset tumors, including higher rates of left-sided location, pedunculated macroscopic type, and high-grade dysplasia in adenomas.**

## KEY POINTS

- Early-onset colorectal tumors had significantly higher rates of left-sided (distal colon) location at 61% versus 41% in later-onset tumors, and higher rates of pedunculated macroscopic type Ip at 29% versus 13% (both $p<0.001$).
- When limited to adenoma lesions, early-onset adenomas showed significantly higher rates of high-grade dysplasia at 23% compared with 13% in later-onset adenomas.
- The study included 96 early-onset cases (159 lesions, median age 37) and 909 later-onset cases (2,208 lesions, median age 55) endoscopically resected between 2010 and 2020.
- The authors note that early-onset colorectal cancer incidence is increasing worldwide and call for further studies stratified by tumor resection method.

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