

ASSOCIATION BETWEEN HELICOBACTER PYLORI INFECTION AND COLORECTAL POLYPS

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UEG Week Berlin 2025

Poster

Stomach & H. Pylori

October 4, 2025

A retrospective study of 130 patients found H. pylori infection was associated with significantly larger colorectal polyps and higher polyp multiplicity, though not with dysplasia grade or location.

KEY POINTS

- H. pylori-positive patients had significantly more polyps ≥ 10 mm in size (55.6% vs. 44.4%, $p = 0.027$) and more patients with ≥ 5 polyps (56.3% vs. 43.8%, $p = 0.04$) compared to H. pylori-negative patients
- Among 130 patients with colorectal polyps, 31.5% tested positive for H. pylori infection on gastric biopsy
- A total of 219 polyps were identified with mean size 5.9 mm; histopathology showed 48.5% low-grade dysplastic adenomas, 36.9% hyperplastic polyps, 7.7% high-grade dysplastic adenomas, and 6.9% adenocarcinomas
- Neither dysplasia grading nor polyp location was significantly associated with H. pylori status
- The authors note further studies are needed to confirm findings and evaluate the impact of H. pylori eradication on colorectal polyp development

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