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Summary

PRECANCEROUS AND CANCEROUS CONDITIONS AND H. PYLORI INFECTION IN PATIENTS UNDERGOING GASTROSCOPY FOR 1ST DEGREE RELATIVE FOR GASTRIC CANCER: A CROSS-SECTIONAL STUDY

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A cross-sectional study of 310 patients with first-degree relatives with gastric cancer found that EGDS with biopsies identified neoplastic or dysplastic lesions in 1.2% of cases and precancerous conditions requiring follow-up in 10% of patients.

KEY POINTS

- Among 310 patients undergoing EGDS for first-degree gastric cancer relative indication, histological examination identified 2 intestinal type gastric cancers (0.6%) and 2 low-grade dysplasias (0.6%), none of whom had previous dysplasia.
- Precancerous conditions were found in 11% of patients at OLGA I-II stage and 10% at OLGIM I-II stage, with 0.3% at higher OLGA/OLGIM III-IV stages; 10% of patients would require follow-up per European guidelines.
- Helicobacter pylori infection was detected in 25.5% of patients and corpus-restricted atrophic gastritis in 2.25% of cases.
- The study included patients from January 2008 to September 2022; 55.7% had sole indication of first-degree relative for gastric cancer while others had additional indications including anemia (18%) or gastrointestinal symptoms (32%).
- The authors conclude the findings support the role of EGDS with biopsies in patients with first-degree relatives with gastric cancer, as neoplastic lesions were found even in patients with low-stage OLGA/OLGIM.

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