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Summary

DISEASE COURSE OF CROHN'S DISEASE PATIENTS UNDERGOING PRIMARY BOWEL RESECTION; AN INDIVIDUAL PATIENT LEVEL DATA POPULATION-BASED STUDY

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A Danish population-based cohort of 617 Crohn's disease patients who underwent primary intestinal resection between 2010 and 2020 found that 25% required a second resection despite high biologic therapy exposure.

KEY POINTS

- Among 617 patients with complete data, 149 (25%) underwent second resection, 31 (5%) third resection, and 5 (1%) fourth resection, with median time to second resection of 12 months (IQR 6-41).
- Before first resection, 53% of patients had received immunomodulators and 49% had received biologics; after first resection, biologics were started in 40% of patients.
- Postoperative readmission within 30 days occurred in 19% of patients after first resection, with anastomotic leak rates of 5% among those receiving primary anastomosis.
- Median age at Crohn's disease diagnosis was 28 years, with disease location predominantly ileal (44%) or ileocolonic (43%) and phenotype most commonly stricturing (51%).
- The cohort includes extensive monitoring data with 2019 colonoscopies and 3217 imaging examinations; ongoing analyses are examining prophylactic versus on-demand biologics and other risk factors for re-resection.

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