

THE EFFECT OF PROTON-PUMP INHIBITORS ON DISEASE OUTCOME IN INFLAMMATORY BOWEL DISEASE: A POPULATION-BASED COHORT STUDY

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Poster

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A Danish nationwide register study found PPI use in IBD patients was associated with a 40–70% increased rate of hospitalization and surgery in the first year after prescription and a 10–30% increased rate thereafter.

KEY POINTS

- In 40,767 IBD patients from Danish registries (2000–2018), propensity score weighted analysis showed the weighted hazard ratio for hospitalizations was 1.71 during the first year after PPI prescription and 1.33 thereafter.
- The weighted hazard ratio for IBD-related surgery was 1.39 in the first year after PPI prescription and 1.40 thereafter.
- Before first IBD diagnosis, 34.0% of patients had filled at least one PPI prescription; five years after IBD diagnosis, 39.9% had filled at least one PPI prescription.
- The study aimed to clarify whether PPI use has an adverse impact on IBD clinical course or whether associations result from protopathic bias, though the material does not state this question was definitively resolved.

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