

REAL-WORLD EVIDENCE DATA WAREHOUSE FOR POOLED ANALYSES IN PATIENTS WITH INFLAMMATORY BOWEL DISEASES IN GERMANY: THE “UMBRELLA-IBD REGISTRY” OF THE COMPETENCE NETWORK IBD

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The UMBRELLA-IBD data warehouse pools prospectively collected real-world evidence from eight German IBD registries comprising 6,689 patients to enable head-to-head comparative effectiveness studies of biologics and small molecules.

KEY POINTS

- The data warehouse integrates eight prospective real-world evidence registries from the Competence Network IBD in Germany, with data from 6,689 IBD patients collected between 2008 and ongoing.
- As of March 2023, 35% of patients are biologic-naïve starting their first biologic or small molecule treatment, 75% have one-year follow-up records, and 40% have supplementary biomaterials collected.
- Data quality is maintained through comprehensive remote and onsite monitoring, similar inclusion and exclusion criteria across registries, and standardised outcome parameters.
- Statistical methods to address the lack of randomisation include propensity score adjustment with inverse probability of treatment weighting.
- The authors position the data warehouse as a resource for conducting comparative effectiveness studies that will complement evidence from randomised clinical trials in IBD.

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