



A Randomized, Parallel-Group, Non-Inferiority Trial Comparing Random AND Targeted Biopsies to Targeted Biopsies Alone for Neoplasia Detection During Screening Colonoscopy in Adult Persons with Colonic Inflammatory Bowel Diseases: A Pilot Study (Short: “IBD-Dysplasia”)

Inclusion Criteria

- ≥ 18 years old
- History of cIBD involving $\geq 1/3$ of colon (histologically)
- cIBD ≥ 8 years duration
- In symptomatic remission at time of colonoscopy
- For CD: Harvey-Bradshaw Index < 5
- For UC or IBDU: Partial Mayo Score ≤ 2
- Major purpose of colonoscopy is neoplasia screening/surveillance
- Undergoing colonoscopy with high-definition white light endoscopy

Exclusion Criteria

- Persons who cannot provide informed consent
- Persons with a history of colorectal cancer
- Persons undergoing colonoscopy to follow-up on recurrent or multifocal dysplasia or recently diagnosed neoplasia
- Persons undergoing pancolonoscopic chromoendoscopy
- Colon mucosa visibility deemed inadequate for surveillance after washing/suctioning (Ottawa or Boston Bowel Preparation Score worse than Excellent or Good)
- Incomplete colonoscopy
- Moderate-to-severe macroscopic inflammatory disease involving $> 25\%$ of colorectum