

ACCEPTABILITY OF FECAL CALPROTECTIN IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE: IMPACT OF AN ALTERNATIVE COLLECTION DEVICE FOR STOOL SAMPLING (THE ACCALMI STUDY)

Catherine Le Berre

UEG Week Berlin 2025

Poster

IBD

October 4, 2025

The ACCALMI study found that an alternative stool collection device similar to FIT test devices significantly improved acceptability of fecal calprotectin testing among IBD patients compared to standard containers.

KEY POINTS

- In a randomized study of 156 IBD patients, the alternative device (Procise Stool Collection Device with spiral-shaped probe) significantly improved acceptability with an odds ratio of 2.69 ($p < 0.001$) on ordinal scale assessment.
- Acceptability scores were higher with the alternative device: 86.1% rated it good or very good versus 46.4% for standard containers, and mean VAS scores were 7.9/10 versus 6.1/10.
- Among patients previously tested, 55% preferred the alternative device compared to 7.2% preferring conventional containers, with the alternative device alleviating embarrassment and discomfort.
- Compliance remained similarly high in both groups at 92%, with long home-to-hospital distance and use of the alternative device being the only factors associated with better acceptability in multivariate analysis.
- This patient-centered innovation may improve monitoring adherence in IBD patients who require routine fecal calprotectin testing.

VIEW THIS CONTENT ON GUTFLIX

<https://gutflix.eu/search/d/b26fa314-a813-11f0-aeb9-0242ac140006>



AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.