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Summary

RELIABILITY AND RELATIVE CONSTRUCT VALIDITY OF A FOOD FREQUENCY QUESTIONNAIRE: THE GRONINGEN INFLAMMATORY BOWEL DISEASE NUTRITIONAL QUESTIONNAIRES (GINQ-FFQ)

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The Groningen IBD Nutritional Questionnaires (GINQ-FFQ) showed acceptable correlation with a 3-day food diary for assessing dietary intake in 143 inflammatory bowel disease patients.

KEY POINTS

- The GINQ-FFQ is a food frequency questionnaire designed to assess dietary intake of 218 food items using 121 questions in patients with IBD over the previous month.
- Spearman correlations between GINQ-FFQ and 3-day food diary ranged from 0.39 to 0.63 for macronutrients and 0.20 to 0.51 for micronutrients, meeting acceptable thresholds (0.20-0.49 acceptable, ≥0.50 good).
- Bland-Altman analysis for energy intake showed good agreement with a mean difference of -84.87 kcal and limits of agreement from -1358 to 1188 kcal.
- The study included 143 patients from the 1000IBD cohort (79 Crohn's disease, 57 ulcerative colitis, 7 IBD-unclassified; median age 50 years).
- The GINQ-FFQ is considered an acceptable dietary assessment tool for IBD populations when compared to a 3-day food diary.

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