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Summary

ROLE OF FIT IN IRON DEFICIENCY ANAEMIA- CAN IT PREDICT SMALL BOWEL PATHOLOGY?

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UEG Week Copenhagen 2023 | Poster

Small Intestine & Nutrition

October 15, 2023

In patients with iron deficiency anaemia and negative bidirectional endoscopy, small bowel pathology was found in over a third of cases but was not predicted by faecal immunochemical test results.

KEY POINTS

- Among 58 patients with positive FIT (>4 ug Hb/g) and IDA who underwent small bowel capsule endoscopy, 44.8% had significant pathology including angioectasia, visible blood, NSAID enteropathy, and Crohn's disease.
- Among 28 patients with negative FIT and IDA, 39.2% had significant small bowel pathology on capsule endoscopy.
- The sensitivity and specificity of positive FIT for predicting small bowel pathology were 70.27% and 34.69% respectively.
- Twelve patients revealed NSAID use only after the procedure despite not disclosing this during pre-procedure medication documentation, highlighting the importance of screening for NSAID use.
- This study suggests capsule endoscopy should be considered in IDA patients with negative bidirectional endoscopy regardless of FIT result, though larger studies are needed.

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