

## CHATGPT UTILITY IN SCORING CROHN'S DISEASE ENDOSCOPIC SEVERITY OF CROHN'S DISEASE PATIENTS

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UEG Week Berlin 2025

Poster

IBD

October 7, 2025

**A retrospective study of nine Crohn's disease patients found that ChatGPT achieved high correlation (ICC 0.80) with expert IBD physicians when scoring endoscopic disease activity using the SES-CD based on single still images per bowel segment.**

### KEY POINTS

- ChatGPT scored 45 bowel segments from nine patients using one representative image per segment, achieving an intra-class correlation coefficient of 0.80 (95% CI 0.64-0.89) compared to expert IBD physician scoring, which the authors describe as highly correlated.
- The expert IBD physician's SES-CD ratings were validated against clinical trial central readers with an ICC of 0.96 (95% CI 0.84-0.99).
- Mean total SES-CD scores were  $12.4 \pm 10.9$  for the expert and  $10.6 \pm 6.8$  for ChatGPT, with segment-level scores showing the largest differences in the right colon (expert  $1.3 \pm 2.6$  vs ChatGPT  $2.4 \pm 3.8$ ).
- The authors conclude that ChatGPT demonstrated satisfactory performance and suggest artificial intelligence has potential as a tool in clinical and research settings for estimating disease severity from limited visual data.
- This preliminary evaluation may interest researchers exploring AI applications in inflammatory bowel disease endoscopic assessment.

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