

Artificial intelligence applications in inflammatory bowel ...

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Inflammatory bowel disease (IBD) is a complex and multifaceted disorder of the gastrointestinal tract that is increasing in incidence worldwide and associated with significant morbidity. The rapid...

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Author: Jouke J H van der Laan, Anne M van de... **Publish Year:** 2021

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Author: Gian Eugenio Tontini, Alessandro Rimo... Publish Year: 2021

In recent years, **AI-assisted endoscopy** has been introduced into several research fields, including **inflammatory bowel disease (IBD) endoscopy**, with promising applications that have the potential to revolutionize clinical practice and gastrointestinal **endoscopy**. We have performed the first systematic review of AI and its application in the field of IBD and **endoscopy**. A formal process of paper selection and analysis resulted in the **assessment** of 18 records.

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Jun 10, 2021 · AI has recently been applied to the investigation of **inflammatory bowel disease (IBD)**, in which luminal **endoscopy** plays a pivotal role in diagnosis, **assessment** of disease **activity**, extent or complications, and therapeutic decision making. 3 –5 The aim of our research was to review the implications of the use of **AI** in IBD **endoscopy**. No area of interest was excluded.



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Artificial intelligence assisted assessment of endoscopic disease activity
inflammatory bowel disease

Lo B *et al.* Artificial intelligence in inflammatory bowel disease

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