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Oct 05, 2019 · There is no turning back for the development of **AI** in **gastroenterology and hepatology**, and future implications are large. The use of AI could expand access to care in underserved or developing regions, especially in evaluating patients' risk of viral hepatitis or intestinal parasitic diseases.

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Author: Catherine Le Berre, William J. Sandborn, Sa...

Publish Year: 2020

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## Application of artificial intelligence in gastroenterology ...

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jgh.15403?af=R>

Journal of **Gastroenterology and Hepatology**. Volume 36, Issue 2 p. 267-272. Special Section Article.

**Application of artificial intelligence in gastroenterology**: Potential role in clinical practice. Chen-Ya Kuo.

Department of Internal Medicine, Fu Jen Catholic University Hospital, New Taipei City, Taiwan ...

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**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 63688

**Manuscript Type:** REVIEW

**Challenges and opportunities in the application of artificial intelligence in  
gastroenterology and hepatology**

Christou CD *et al.* Artificial intelligence in gastroenterology and hepatology

Chrysanthos D Christou, Georgios Tsoulfas

**Abstract**



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## Artificial intelligence in gastroenterology and hepatology ...

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Originally proposed by John McCarthy in 1955, **artificial intelligence** (AI) has achieved a breakthrough and revolutionized the processing methods of clinical medicine with the increasing workloads of medical records and digital images. Doctors are paying attention to AI technologies for various disea ...

**Cited by:** 1

**Author:** Jia-Sheng Cao, Zi-Yi Lu, Ming-Yu Chen, Bin ...

**Publish Year:** 2021

## Application of artificial intelligence in gastroenterology ...

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**Artificial intelligence** (AI) based on deep learning boosted medical research in the past years and is expected to enormously change the style of health care in many aspects in the foreseeable future. Nowadays, there are exploding volumes of healthcare-related data being generated daily. Because of i ...

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[https://www.gastrojournal.org/article/S0016-5085\(19\)41412-1/fulltext](https://www.gastrojournal.org/article/S0016-5085(19)41412-1/fulltext)

Oct 05, 2019 · Since 2010, substantial progress has been made in **artificial intelligence** (AI) and its **application** to medicine. AI is explored in **gastroenterology** for endoscopic analysis of lesions, in detection of cancer, and to facilitate the analysis of inflammatory lesions or gastrointestinal bleeding during wireless capsule endoscopy. AI is also tested to assess liver fibrosis and to differentiate ...

**Cited by:** 123

**Author:** Catherine Le Berre, William J. Sandborn, Sa...

**Publish Year:** 2020