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Artificial intelligence in gastroenterology and hepatology: Status and challenges

Jia-Sheng Cao, Zi-Yi Lu, Ming-Yu Chen, Bin Zhang, Sarun Juengpanich, Jia-Hao Hu, Shi-Jie Li, Win Topatana, Xue-Yin Zhou, Xu Feng, Ji-Liang Shen, Yu Liu, Xiu-Jun Cai

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Machine learning, a subset of **artificial intelligence** (AI), is a set of computational tools that can be used to enhance provision of clinical care in all areas of medicine. **Gastroenterology and hepatology** utilize multiple sources of information, including visual findings on endoscopy, radiologic ima ...

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What potential applications do you see for AI within the field of **gastroenterology and hepatology** specifically? Some of the early efforts in applying AI tools to GI will be focused on improving diagnosis and outcomes in common, yet complex GI diseases such as liver cirrhosis and inflammatory bowel disease. Other potential applications could include practice optimization for endoscopic procedures, ...

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