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

**Manuscript NO:** 63169

**Manuscript Type:** REVIEW

**Artificial intelligence in small intestinal diseases: Application and prospects**

Yang Y *et al.* Artificial intelligence in small intestinal diseases

Yu Yang, Yu-Xuan Li, Ren-Qi Yao, Xiao-Hui Du, Chao Ren

### Abstract

Small intestine is located in the middle of the gastrointestinal tract, so small intestinal diseases (SIDs) are more difficult to diagnose than other gastrointestinal diseases. However, with the extensive application of artificial intelligence (AI) in the field of SIDs, with its efficient learning capacities and computational power, AI plays an important role in the auxiliary diagnosis and prognosis prediction based on the capsule endoscopy and other examination methods, which improves the accuracy of diagnosis

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