

Name of Journal: *Artificial Intelligence in Gastrointestinal Endoscopy*

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Manuscript Type: MINIREVIEWS

Artificial intelligence assisted endocytoscopy: A novel eye in endoscopy

Peshevskva-Sekulovska M *et al.* AI-assisted endocytoscopy

Monika Peshevskva-Sekulovska, Tsvetelina Veselinova Velikova, Milena Peruhova

Abstract

Over the past few years, emerging new approaches in endoscopic imaging technologies

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Artificial intelligence (AI), interchangeably termed computer-assisted diagnosis (CAD) is the technology that enables machines to process information and function at, or even exceed human level. AI is a subject of great enthusiasm in **endoscopic imaging research** owing to its magnanimous potential in diagnosis. 2, 3 Both machine learning and deep learning (DL) are forms of AI (Fig. 2).

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