



Name of Journal: *Artificial Intelligence in Gastrointestinal Endoscopy*

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Utility of artificial intelligence in Colonoscopy

Shah *et al.* Artificial intelligence in colonoscopy

Niel Shah, Abhilasha Jyala, Harish Patel, Jasbir Makker

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Utility of artificial intelligence in Colonoscopy



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Given the results and limitations, the **utility of AI colonoscopy** holds promise and should be evaluated in more randomized controlled trials across different population, especially in patients solely undergoing **colonoscopy** for screening purpose as improved **ADR** will ultimately help in reducing incident **colorectal** cancer.

Author: Muhammad Aziz, Rawish Fatima, Charles Dong, Wade Lee-Smith, Ali Nawras

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Background and aim: The utility of artificial intelligence (AI) in colonoscopy has gained popularity in current times. Recent trials have evaluated the efficacy of deep convolutional neural network (DCNN)-based AI system in colonoscopy for **improving adenoma detection rate (ADR) and polyp detection rate (PDR)**.

Author: Muhammad Aziz, Rawish Fatima, Charles Dong, Wade Lee-Smith, Ali Nawras

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