

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastrointestinal Endoscopy

Manuscript NO: 68727

Title: Utility of artificial intelligence in Colonoscopy

Reviewer's code: 00722601

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Staff Physician

Reviewer's Country/Territory: Spain

Author's Country/Territory: United States

Manuscript submission date: 2021-06-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-06-03 18:34

Reviewer performed review: 2021-06-10 14:25

Review time: 6 Days and 19 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is an interesting topic. The article is clear. These are my recommendations: -
Review the core tip. - Include the "p" value in the comparisons between 2 groups in
page 5, 6 and table 1, for example in these sentences: "...AI aided colonoscopy had a
dinner detection rate of 29.6% as compared to 19.3% without AI. In another recent media
analysis involving 5 randomized control trials including 4354 patients, adenoma
detection rate was 36.6% Will AI aided colonoscopy as compared to 25.2% in the
standard control group[21]." - It would be interesting to include in the "Future
Directions" if the authors think that there are some other possible uses of colonoscopy
assisted by AI more than CRC and IBD. - Do you think that a commercial AI device
trained with specific data can be used worldwide or could be interesting to re-train the
algorithms with local data?