



PEER-REVIEW REPORT

Name of journal: *Artificial Intelligence in Gastrointestinal Endoscopy*

Manuscript NO: 75143

Title: Artificial intelligence and machine learning in colorectal cancer; A review

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05388315

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: United States

Manuscript submission date: 2022-01-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-17 06:25

Reviewer performed review: 2022-01-17 08:06

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The subjects for this review are very insufficient. The role of artificial intelligence in treatment selection, post-treatment follow-up, prognosis and toxicity should also be discussed. It may be better if the studies shown as examples are summarized in tables.



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Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06190308

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2022-01-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-18 10:44

Reviewer performed review: 2022-01-27 08:01

Review time: 8 Days and 21 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
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This review comprehensively discusses the researches on the application of artificial intelligence in the screening, diagnosis and treatment of colorectal cancer. Furthermore this review analyzes the limitations of artificial intelligence, which enlightens the future researches. The references are most recent published, which makes this review informative. However, there are still some problems in this review: 1. The Abstract is too long. The abstract should briefly summarize the article. 2. The discussion about the medical background should be streamlined. The discussion should focus on the integration of medicine and artificial intelligence.



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Peer-review model: Single blind

Reviewer's code: 05476667

Position: Peer Reviewer

Academic degree: PhD, PsyD

Professional title: Academic Research, Research Assistant, Research Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2022-01-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-17 03:27

Reviewer performed review: 2022-01-27 23:01

Review time: 10 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 type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear authors Tue manuscript must be organized. ●PLEASE, provide recommendations for practice and policy-making if sufficient, high quality evidence exists, or future directions for research to fill existing gaps in knowledge or to strengthen the body of evidence. ●Please, clearly state aim and objectives, in sub-section as Current Study: It should be explicitly stated for the reader how the present study makes a unique contribution to the literature. ●Paper needs major corrections to be concise, clear, and logically organized. ●Abstract is lentghy.



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer's code: 05476667

Position: Peer Reviewer

Academic degree: PhD, PsyD

Professional title: Academic Research, Research Assistant, Research Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2022-01-17

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-03-28 17:09

Reviewer performed review: 2022-03-28 17:14

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

Thank you for your all efforts regard to revision.