

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastrointestinal Endoscopy

Manuscript NO: 57881

Title: Techniques to integrate the artificial intelligence systems with medical information in gastroenterology

Reviewer's code: 05382551

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Spain

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-06-28 02:06

Reviewer performed review: 2020-06-28 02:31

Review time: 1 Hour

| | |
|---------------------------------|---|
| 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 Grade E: Do not publish |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 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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Peer-reviewer statements | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |



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SPECIFIC COMMENTS TO AUTHORS

The article will review the application of artificial intelligence to gastrointestinal (GI) endoscopy. It is a topic of interest to the journal. The work is well written. It shows the main areas of using of AI in GI. However, I would like to do some suggestions in order to improve it: a) The paper represent a review of state of art. In this sense, it should be indicate if it is a narrative or exhaustive review. b) It would be very interesting to use tables that summarize the results so that it can be compared c) A discussion section would be necessary to assess the results obtained. d) The section "Future developing paths" I suggest to call it "Conclusions and future work". In this section, some conclusions and lines of future work should be proposed. You can use what is written in "Future developing paths".

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastrointestinal Endoscopy

Manuscript NO: 57881

Title: Techniques to integrate the artificial intelligence systems with medical information in gastroenterology

Reviewer's code: 04025443

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Senior Researcher

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2020-06-27

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-06-29 06:37

Reviewer performed review: 2020-07-03 10:03

Review time: 4 Days and 3 Hours

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|---------------------------------|---|
| 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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Peer-reviewer statements | Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

SPECIFIC COMMENTS TO AUTHORS

This is a very nice structured review on possible application of artificial intelligence in gastroenterology. I would suggest minimal changes to the text: please, add commonly required sections (aim, conclusions). I recommend this manuscript for acceptance.