PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 57946

Title: Artificial intelligence: A new budding star in gastric cancer

Reviewer's code: 03669557

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Lecturer, Postdoc, Research Assistant Professor, Surgeon

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2020-06-30

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-02 14:02

Reviewer performed review: 2020-08-02 14:41

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS

Generic, non-catalogable manuscript (literature review? Original article? Etc.). Authors speak of Artificial Intelligence without specifying what it is (softwears, new robotic systems, high-tech medical devices, etc.). The conclusions are also generic and not detailed. Manuscript rejected in this form

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 57946

Title: Artificial intelligence: A new budding star in gastric cancer

Reviewer's code: 01047350

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Chief Doctor, Research Assistant Professor, Research Associate, Research Fellow, Surgeon, Surgical Oncologist, Teacher, Teaching Assistant

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2020-06-30

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-03 09:14

Reviewer performed review: 2020-08-04 09:20

Review time: 1 Day

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [Y] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

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

SPECIFIC COMMENTS TO AUTHORS

Dear Editor,   Thank you for giving me the opportunity to review the manuscript entitled "Artificial intelligence: A new budding star in gastric cancer" by Wang et al. The manuscript is a review on how artificial intelligence could contribute to the therapeutic challenges in the area of gastric cancer. Although the topic is novel and interesting, the text is far from flawless as it contains many grammatical and typographical errors. I would welcome a revised version of the manuscript, where the context will be more precisely organized, following well-established methodology. Yours sincerely,

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 57946

Title: Artificial intelligence: A new budding star in gastric cancer

Reviewer's code: 03017458

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Ukraine

Author's Country/Territory: China

Manuscript submission date: 2020-06-30

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-04 20:12

Reviewer performed review: 2020-08-10 16:08

Review time: 5 Days and 19 Hours

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

SPECIFIC COMMENTS TO AUTHORS

This review article deals with interesting and quite innovative topics. However, it contains a number of disadvantages: • Abstract: " …It will also overcome the high rate of missed diagnosis of advanced gastric cancer in the cardia " - a rather debatable statement, which is confirmed in the text by only one reference. Because, the risk of missed diagnosis is minimal by an experienced endoscopist at case of advanced gastric cancer even in the cardia; • Abstract: " …Robotic surgery …. is widely considered as the best way of minimally invasive surgery for gastric cancer "- a rather debatable statement, as randomized studies on the topic of laparoscopic vs robotic gastric cancer surgery have not yet been completed. Must be paraphrased; • Abstract: " …In the future, the direction of the development of surgery with the help of artificial intelligence is from minimally invasive to noninvasive " – it is unclear what the authors mean. If the term noninvasive means mucosal resections, then it is a rather manipulative statement. Because, the transition to more mucosal resections is possible only through the widespread use of gastric cancer screening rather than artificial intelligence technologies. Should be paraphrased. • Key words: not "lymph gland" but "lymph node" • Page 3: Abbreviation "SM1" and "SM2" must be deciphered; • Page 3: Abbreviation "EUS" should be deciphered; • Page 6: Abbreviation "m-Nbi" should be deciphered; • Page 9 : The paragraph about COVID-19 in the publication about gastric cancer is absolutely superfluous. It must be deleted; • Page 9: " …In my opinion …" - incorrect statement for the publication. It should be " …in our opinion ...". However, statement "…surgery is still the most effective way to treat gastric cancer …" does not require personal assessment of the author. • Page 9: "…CT (computer tomography)…" – abbreviation "CT" occurs in the text before. It is necessary to decipher at the first mention • Page 10: " … perigastric metastatic lymph nodes (PGMLNs)…" – for what do you need abbreviations that are never used later in the text?... • A large number of grammatical

errors in the list of references. References must be made according to the requirements of the Journal; • English in the article requires language polishing. So, in summary, the review article deals with quite innovative and topical issues. However, the style of writing and the level of evidence of the used references do not allow to publish such a manuscript in the journal of the level of World Journal of Gastroenterology. Therefore, I propose to accept the article for publication in the journal at a lower level after making all the edits. In my opinion, this article can be quite successful for the journal "Artificial Intelligence in Gastrointestinal Endoscopy".

PEER-REVIEW REPORT

Name of journal: Artificial Intelligence in Gastroenterology

Manuscript NO: 57946

Title: Artificial intelligence: A new budding star in gastric cancer

Reviewer's code: 00045148

Position: Peer Reviewer

Academic degree: MD

Professional title: Chief Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-06-30

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-05 08:19

Reviewer performed review: 2020-08-16 14:54

Review time: 11 Days and 6 Hours

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

SPECIFIC COMMENTS TO AUTHORS

The file downloaded from the "Non-native speakers of English editing certificate" location showed the "Conflict-of-interest disclosure form" but not the "Non-native speakers of English editing certificate" form.