

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67748

Title: Digital Surgery for Gastroenterological Diseases

Reviewer's code: 05742117

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Ireland

Manuscript submission date: 2021-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-08 08:41

Reviewer performed review: 2021-05-17 06:57

Review time: 8 Days and 22 Hours

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 Grade E: Do not publish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
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

Article is well structured and written very well. • A more comprehensive review of the AI based endoscopic systems developed globally need to be reviewed • Being editorial article, some critical analysis of performance of the AI / Digital methods being explored in digital surgery and their future trends to be discussed • Typos :
Typographical errors in some parts of article.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67748

Title: Digital Surgery for Gastroenterological Diseases

Reviewer's code: 05758135

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: Ireland

Manuscript submission date: 2021-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-10 02:08

Reviewer performed review: 2021-05-18 09:00

Review time: 8 Days and 6 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 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
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 manuscript describing the prospects for digitalization, with focusing on the use of AI, in gastrointestinal diseases. This manuscript describes the current status of AI use in this field, including a comparison with other fields. Apart from this, it also mentions a guide system for gastrointestinal surgery, and a system that combines this with AI. In addition, the future prospects and possible problems (mainly ethical ones) are also described. No any major problems were seen in the content. If possible, I would like to see a mention of the benefits of AI being "locked". Also, a definition of the term "Digital Surgery" would be helpful to make the point clearer. As minor points for correction. In the fourth and fifth lines of page 3, "Digital" might be "Digital Age". Since Reference 4 is a webpage, it is necessary to provide a specific URL and date referred. Because there is a possibility that the contents may revised when a reader refer from the time the authors referred.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67748

Title: Digital Surgery for Gastroenterological Diseases

Reviewer's code: 05407209

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Ireland

Manuscript submission date: 2021-04-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-14 00:38

Reviewer performed review: 2021-05-21 01:04

Review time: 7 Days

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 type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input checked="" 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 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

- 1.The author seldom introduces digital surgery, and many development technologies and means are not mentioned. It is suggested to introduce digital surgery in detail.
- 2.The development process of AI decision-heavily-guarded in Gastroenterology is less.
- 3.In AI Pitfalls and Concerns , a paper can not generalize all, there are certain limitations.