

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 91344

Title: Emerging molecules, tools, technology, and future of surgical knife in gastroenterology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02512347

Position: Editorial Board

Academic degree: FRCS (Gen Surg), MBChB

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: India

Manuscript submission date: 2023-12-27

Reviewer chosen by: Huo Liu

Reviewer accepted review: 2024-01-19 05:07

Reviewer performed review: 2024-01-19 06:40

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 checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The article summarizes the emerging molecules, tools, technologies and surgical knife in the field of gastroenterology. I have the following comments: 1) The manuscript should be re-edited and organized for clearer understanding by introducing headings and subheading which are lacking. 2) There should be an introduction about the emerging technologies in the field of surgical gastroenterology, followed by the historical perspective, then expanding into the emerging advances and innovation one by one. 3) Although this is an editorial the contents are very brief and did not satisfy my appetite to learn more about each emerging technology and innovation in endoscopic surgery and interventional gastroenterology. 3) There should be a section on the ethical issues related to these new technologies and innovations. 4) I would have liked to see more concentration on various emerging interventional procedures in gastroenterology e.g., endoscopic surgery for GERD, obesity, etc., and MIS, SILS and robotics. 5) There should be a conclusion section. 6) Little is mentioned about the surgical knife. Please, expand and elaborate.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 91344

Title: Emerging molecules, tools, technology, and future of surgical knife in gastroenterology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04482726

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: India

Manuscript submission date: 2023-12-27

Reviewer chosen by: Huo Liu

Reviewer accepted review: 2024-01-23 06:20

Reviewer performed review: 2024-01-23 07:01

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No scientific significance
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 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

SPECIFIC COMMENTS TO AUTHORS

Emerging Molecules, Tools, Technology and Future of Surgical Knife in Gastroenterology This paper provides an editorial account on various aspects of managerial and curative developments in gastroenterological surgery. They include molecular, drugs, biomarkers, tools, and future technology such as AI. Focus is placed on those related to treating patients with oncology. The editorial is well structured and written. The content is relevant and mostly up to date. 1. Since the paper focuses on the emerging and future of surgical gastroenterology, the detailed historical accounts on surgery in ancient eras or non-contemporary progresses may be omitted, shortened, or made more concise. Please consider. 2. Critical comparative discussions within groups of techniques would be welcome. They include pros/ cons of those approaches as well as their benefits and concerns. Please summarize right after each section, according to the authors' own experiences and critiques. 3. The discussions on AI driven robotic surgery are very much richer than those related to molecular, biopsy, biomarkers discovery. Please attempt to balance these sections. 4. Please tone down the surgical prospectives (2nd from last paragraph). Currently, they are exaggeratedly compared with a more

futuristic innovation. Although the authors' predictions seem foreseeable and of course entirely feasible, they were based very little on the literature reviews herewith. Please rewrite, and provide statements whose supports could be found in the cited references.

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 91344

Title: Emerging molecules, tools, technology, and future of surgical knife in gastroenterology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03025524

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Thailand

Author's Country/Territory: India

Manuscript submission date: 2023-12-27

Reviewer chosen by: Huo Liu

Reviewer accepted review: 2024-01-17 07:35

Reviewer performed review: 2024-01-25 14:34

Review time: 8 Days and 6 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" 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

SPECIFIC COMMENTS TO AUTHORS

The article is aimed to review the surgical Knife in gastroenterology. The title is "Emerging Molecules, Tools, Technology and Future of Surgical Knife in Gastroenterology". 1. This is a review article. 2. Please review the literature and add more details in the discussion section. 3. Please also summarize in the form of Table. 4. Please recommend to the readers "How to apply this knowledge?".

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 91344

Title: Emerging molecules, tools, technology, and future of surgical knife in gastroenterology

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02512347

Position: Editorial Board

Academic degree: FRCS (Gen Surg), MBChB

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Saudi Arabia

Author's Country/Territory: India

Manuscript submission date: 2023-12-27

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2024-03-14 10:09

Reviewer performed review: 2024-03-14 10:31

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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: office@baishideng.com
<https://www.wjgnet.com>

statements

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

SPECIFIC COMMENTS TO AUTHORS

Great effort has been done to improve the manuscript. You have answered most of the reviewers' queries and comments. The revised manuscript is now friendly to read and comprehend.