



PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Endoscopy*

Manuscript NO: 65965

Title: Safety Considerations in Laparoscopic Surgery: A Narrative Review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05261716

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Chief Physician, Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2021-03-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-10 10:41

Reviewer performed review: 2021-04-10 11:02

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 Grade E: Do not publish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 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	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 authors reviewed all steps to practice safe laparoscopy surgery. The review is well written. So I would suggest it is published in WJSE.



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Peer-review model: Single blind

Reviewer's code: 03820997

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Surgeon

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-27 06:56

Reviewer performed review: 2021-04-27 14:18

Review time: 7 Hours

Scientific quality	<input checked="" 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 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

Dear Authors, congratulations on this narrative review on safety considerations in laparoscopic surgery. I have read it with great interest. I believe your manuscript is perfectly clear in the way it is written and structured and it suits surgeons who are starting laparoscopy or who want to have a clear comprehensive overview of it. However, I believe it needs some minor corrections, as annotated in the uploaded file, to be perfect. I would also introduce a paragraph regarding the general use of indocyanine green (ICG) during laparoscopic surgery. This has great use in laparoscopic surgery where the eyes become the surgeon's main hands because of the absence of haptic feedback. I would add it especially because it can be effective as a safety procedure for several surgeries (HPB, colorectal, visceral..). Because of the high quality of this review, I would also add a comment on new surgical equipment which are for example the articulated laparoscopic instruments of ArtiSential. This technology was developed to introduce robotic-like instruments in laparoscopy. I believe this can have a strong future development in teams that don't have the availability of a robotic platform. There is some literature on this new technology that can be added if you believe it could add value to your review. Please read the comments aside from your manuscript in the uploaded revised paper as it could better help to revise it. Congratulations on your manuscript.



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Peer-review model: Single blind

Reviewer's code: 05342613

Position: Peer Reviewer

Academic degree: FACS

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: United Kingdom

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-27 01:30

Reviewer performed review: 2021-04-28 08:00

Review time: 1 Day and 6 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 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

It has been a nice study that defines what people who will undergo laparoscopic surgery should do. The language of the article is very good (A). The algorithmic presentation of the subject is very well planned. I had a few suggestions for the article. My suggestions can be seen in the text. References are current and sufficient (117? Rules?). It can be accepted with minor revision.



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Peer-review model: Single blind

Reviewer's code: 05382254

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor, Associate Chief Physician, Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United Kingdom

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-04-27 02:13

Reviewer performed review: 2021-05-03 00:15

Review time: 5 Days and 22 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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statements

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

SPECIFIC COMMENTS TO AUTHORS

Comments The author expounds on the safety considerations of laparoscopic surgery before, during, and after operation. The content is comprehensive and detailed, which has a certain guiding significance for clinical practice. After careful revision, I agreed to publish it. Minor revision: 1. The Keywords are inaccurate or cannot reflect the focus of the manuscript. It is suggested to delete "General surgery" and add "Laparoscopic surgery" and keywords related to "safety considerations". 2. In the section "Laparoscopy setup", it is recommended to add the relationship between surgeon ergonomics and patient surgical safety. 3. The author does not describe "antibiotic prophylaxis and patient allergies" in the article, which is not consistent with the conclusion. 4. The part of "Conclusion" should be simplified. For example, "Women in the childbearing age group should be offered a routine urine pregnancy check at preassessment, and surgeons should also have an advanced discussion with patients and family on the options available when faced with hostile or unexpected intraabdominal situations." should be moved to the "Patient selection" section. 5. There are some syntactic ambiguities: i) "This was not helped by adverse events seen with laparoscopic surgery such as visceral injuries and complications from pneumoperitoneum[7,8].", the meaning of this sentence is ambiguous in the context. ii) "Where feasible, we suggest endoscopic procedures relevant to surgery and tattooing to facilitate intraoperative identification of pathology [21,22]. Though not routine, some patients may benefit from mechanical bowel preparation to facilitate intraoperative localisation of pathology[23].", the meaning of this sentence is ambiguous in the context. iii) "Laparoscopic surgery can be physically and mentally demanding and could easily lead to fatigue, which could result in errors[93,94].", it is suggested to add "for surgeon". 6. There are some spelling mistakes:



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i) In the article "[96]", no superscript is used. ii) In the section of "Patient's Routine Medications", "[14]" No superscript is used. iii) "Limitations of tachycardia as an early warning sign in patients who are on Beta-blockers should be understood", it is recommended to add a reference or some references .



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Reviewer's code: 03669389

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: United Kingdom

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

SPECIFIC COMMENTS TO AUTHORS

An interesting narrative review and well constructed. I applaud for the review on safety in laparoscopic surgery I only suggest minor revisions especially enlarging the Discussion section mentioning the possibility of laparoscopy not only in elective surgery setting but also in emergency laparoscopy setting and in trauma (evaluating safety and efficacy) and clarifying the indications and patients selection for Diagnostic and eventually therapeutic laparoscopy in the management of abdominal trauma.