

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Critical Care Medicine*

**Manuscript NO:** 76349

**Title:** Postoperative complications and critical care management after cytoreduction surgery and hyperthermic intraperitoneal chemotherapy – systematic review of literature

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05177597

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-17 10:20

**Reviewer performed review:** 2022-03-20 08:31

**Review time:** 2 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 Grade E: Do not publish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 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

<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

In their paper, the authors review literatures about the commonest postoperative surgical complications and systemic toxicity after CRS and HIPEC. The authors introduce the following aspects: Critical care Management, Complications in the postoperative period, Gastrointestinal complications, Respiratory complications, Cardiovascular complications, Miscellaneous and Systemic toxicity due to hyperthermic chemotherapy. However, the author should make a concise summary of the topic of the full text, and briefly put forward his own opinions and future directions.

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05689407

**Position:** Peer Reviewer

**Academic degree:** PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Spain

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-05-06 07:13

**Reviewer performed review:** 2022-05-09 15:13

**Review time:** 3 Days and 7 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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



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<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

Non-Native Speakers of English Editing Certificate are not correctly signed.

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**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05469117

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Adjunct Professor, Chief Physician, Deputy Director

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** India

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-05-10 21:31

**Reviewer performed review:** 2022-05-16 19:21

**Review time:** 5 Days and 21 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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

<b>Re-review</b>	[ <input checked="" type="checkbox"/> ] Yes [ <input type="checkbox"/> ] No
<b>Peer-reviewer statements</b>	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

Thank you for inviting me to evaluate the review titled "Postoperative complications and critical care management after cytoreduction surgery and hyperthermic intraperitoneal chemotherapy - literature review". The topic is interesting but the content is poor, the citation research time is earlier and heterogeneous, and there is not much useful information, which do not allow making reliable conclusions. The quality of language of the manuscript is quite acceptable for me. The manuscript, despite the importance of the topic, unfortunately, cannot be recommended for publication in its present form. There are some advices for author: 1) On page 4, line 4 "primary and metastatic, namely colorectal, appendiceal, ovarian and gastric malignancies." Are other abdominal and pelvic tumors considered as indicated in Table 1? 2) There are exaggerated metabolic and inflammatory reactions after CRS, so, significance of monitoring inflammatory markers such as PCT, IL-6 and CRP should be analyzed in detail. 3) The report cited in this paper is earlier, but the progress of surgery in recent years, whether it changes the postoperative complications?