

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 75201

Title: Change of tumor-infiltrating lymphocyte of associating liver partition and portal vein ligation for staged hepatectomy for hepatocellular carcinoma

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05225141

Position: Peer Reviewer

Academic degree: DVM, PhD

Professional title: N/A

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-01-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-20 14:07

Reviewer performed review: 2022-01-28 17:24

Review time: 8 Days and 3 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 Grade E: Do not publish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 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

In this study, Wang et al. investigated tumor-infiltrating lymphocytes in HCC from patients who underwent hemi-hepatectomy. Overall, the study was presented and provided some clinically relevant study results. Some minors were suggested to enhance the quality of the manuscript. 1. In Figure 1, some letters were covered by the border line. 2. Table 3 was suggested to integrate into Figure 2 legend, at least, Figure 2 legend should be mentioned the different color shown in Table 3. 3. In addition, some other minors: Correct 3% H₂O₂ to 3% H₂O (Subscript); and (3) FLR/SLV > and (3) FLR/SLV; expressed as quantity (%). > expressed as quantity (%); 36.9% (21.6% ~ 45.4%) > 36.9% (21.6% -45.4%), as well as ~ in all the Tables. Abbreviations such as alpha-fetoprotein (AFP) showed twice in the manuscript. Using journal style for the words and references in the manuscript.

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Peer-review model: Single blind

Reviewer's code: 04974014

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Surgeon

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2022-01-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-04 18:57

Reviewer performed review: 2022-02-05 19:12

Review time: 1 Day

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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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 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

1 Title. The title reflects the main subject/hypothesis of the manuscript 2 Abstract. The abstract summarizes and reflects the work described in the manuscript. 3 Key words. The key words reflect the focus of the manuscript 4 Background. The authors provided a concise summary of the current evidence 5 Methods. The methods section and especially the SAP part requires further attention and polishing 6 Results. The results section is appropriately written 7 Discussion. The discussion part successfully elaborates on the study findings and the current knowledge on the topic 8 Illustrations and tables. The quality of the figures and tables is satisfactory. 9 Biostatistics. The authors did not provide a formal biostatistical certificate. Moreover, several issues regarding their statistical analysis plan should be clarified, such as: -normality test results should be provided as supplementary data -PSM module approach should be further clarified 10 Units. The manuscript does meet the requirements of use of SI units 11 References. The references adhere to the journal principles 12 Quality of manuscript organization and presentation. The overall quality of the manuscript is low 13 Research methods and reporting. The manuscript does not report adherence to specific reporting guidelines 14 Ethics statements. The informed consent template was not provided by the authors 15. Specific comments to the authors: - The manuscript needs an extensive review by an English native speaker. -Please provide data regarding perioperative KI therapy