

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 80745

Title: Does size matter for resection of giant versus non-giant hepatocellular carcinoma?
A meta-analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03733303

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Singapore

Manuscript submission date: 2022-10-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-14 00:55

Reviewer performed review: 2022-10-23 02:16

Review time: 9 Days and 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 Grade E: Do not publish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 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

SPECIFIC COMMENTS TO AUTHORS

This work proposes a meta-analysis aimed to investigate whether oncological outcomes and safety profiles of resection differ between giant and non-giant HCC. The authors have given important results that resection of giant HCC is associated with poorer long-term outcomes. The corresponding suggestions are given in this paper : HCC staging systems should account for the size difference. However, the paper has several limitations: 1. Authors compared the short-term perioperative outcomes and safety profiles in two groups, only measured by 30-day mortality and postoperative complications between the two groups, authors deduced that HCC size may not affect the safety and efficacy of surgical resection in the short term, however , these indexes may not enough to accurately reflect the safety profile of surgical resection, we required more evidence to proposed that giant HCC have different tumor characteristics from non-giant HCC. 2. Some factors that have been shown to be associated with poorer outcomes of giant HCC in this manuscript, this study concluded that giant HCC have different tumor characteristics from non-giant HCC. However, the difference between giant and non-giant HCC may be related to other surgical factors such as the expansion of surgical resection due to different tumor diameter, which should be discussed in this paper. 3. There are not detailed explanation of differential and diagnostic criteria between giant and non-giant HCC in the manuscript. The inclusion and exclusion criteria need to be improved.

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Title: Does size matter for resection of giant versus non-giant hepatocellular carcinoma?
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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03721192

Position: Peer Reviewer

Academic degree: MD

Professional title: Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: Singapore

Manuscript submission date: 2022-10-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-10-11 10:06

Reviewer performed review: 2022-10-26 10:58

Review time: 15 Days

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
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



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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

The authors presented a well organized meta-analysis, size differences should be considered in HCC staging systems.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Gastrointestinal Surgery*

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Title: Does size matter for resection of giant versus non-giant hepatocellular carcinoma?
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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03733303

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Singapore

Manuscript submission date: 2022-10-11

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2022-12-02 02:03

Reviewer performed review: 2022-12-02 03:57

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
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 manuscript has been modified clearly. And I have no further questions.