

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Meta-Analysis

**Manuscript NO:** 62959

**Title:** Health-related quality of life in patients that have undergone liver resection: a systematic review and meta-analysis

**Reviewer's code:** 03728416

**Position:** Associate Editor

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Surgeon

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

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

**Manuscript submission date:** 2021-01-22

**Reviewer chosen by:** Lian-Sheng Ma

**Reviewer accepted review:** 2021-01-25 17:00

**Reviewer performed review:** 2021-01-27 11:51

**Review time:** 1 Day and 18 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<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



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## **SPECIFIC COMMENTS TO AUTHORS**

Sajana Kanthan

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Meta-Analysis

**Manuscript NO:** 62959

**Title:** Health-related quality of life in patients that have undergone liver resection: a systematic review and meta-analysis

**Reviewer's code:** 03294368

**Position:** Editorial Board

**Academic degree:** DSc, MD, PhD

**Professional title:** Dean, Professor

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

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

**Manuscript submission date:** 2021-01-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-24 07:17

**Reviewer performed review:** 2021-02-02 12:25

**Review time:** 9 Days and 5 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
<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**

• Title should be corrected (the current title reflex only one intervention – liver resection - while the cases of transarterial chemoembolization were also studied and compared). • Abstract summarizes and reflect the work described in the manuscript adequate. • Key words are relevant. • Background adequately describes the present status and significance of the study. • Selected methods for the review and meta-analysis are appropriate. • The main results lead to following: QOL is better after hepatectomy than after TACE. QOL is better after laparoscopic hepatectomy than after open hepatectomy. These results can be taken into consideration in planning interventions for hepatocellular carcinoma. • The provided discussion should be considered as satisfactory. It is constructed clearly and logically. • The provided figures and tables add light to the presented material. Beside the quality of figures should be improved. • The statistical methods represent one of the good choices taking into the account the aim and methodology of presented research. • The selected references response the requirement of World Journal of Gastroenterology. •

The manuscript style, language and grammar should be improved. Several sad mistakes were found, for example: “Mortality after hepatectomy has improved” should be changed as “Mortality after hepatectomy has decreased” etc. It is recommended to be checked by the native speaker. • Authors have prepared their manuscripts according to PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Meta-Analysis

**Manuscript NO:** 62959

**Title:** Health-related quality of life in patients that have undergone liver resection: a systematic review and meta-analysis

**Reviewer's code:** 03479459

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Surgeon

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

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

**Manuscript submission date:** 2021-01-22

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-25 13:25

**Reviewer performed review:** 2021-02-04 22:51

**Review time:** 10 Days and 9 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 type="checkbox"/> Grade D: Fair <input checked="" 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 type="checkbox"/> Major revision <input checked="" 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**

Authors submitted a meta-analysis reporting on QoL after liver resection. The paper could be interesting, especially considering success of (not so) new approaches, like laparoscopy. Some topics need to be assessed. The paper should assess “patients that have undergone liver resection”, therefore the analysis on hepatectomy vs TACE is off topic for different reasons. First of all because TACE is of course not a resection. Then TACE is used mainly for HCC (a selected subset of patients) and as Authors themselves state, patients candidate to TACE are quite different to patients treated with liver resection. The main limit of the paper is heterogeneity. Authors analysed 10 papers covering too large a span of time (2001-2019). Then the papers analysed reports of different disease. 4 papers reports only on HCC (one of which on even a more selected group of patients HCC+ thrombi). 2 papers reports on on hemangiomas, 1 on “miscellaneous” benign lesions. The analysis that could have been more interesting and current, lap vs open resections is conducted on papers on benign lesions. Some minor aspect to assess: Abstract conclusion: it is no no conclusion, just underline the limit of the analysis Introduction: statement on “hepatectomy” refer mainly on paper regarding HCC [2,3,4] Discussion: The FACT-Hep paragraph: “Our results indicate that HCC patients QoL... The studies included in this analysis included patients with severe symptoms ... [27,29]. The cited papers refer on Hemangioma, not HCC. In conclusion, the meta analysis could have been interesting but the small number and heterogeneity of the articles available for the analysis make the paper of limited interest.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Meta-Analysis

**Manuscript NO:** 62959

**Title:** Health-related quality of life in patients that have undergone liver resection: a systematic review and meta-analysis

**Reviewer's code:** 03294368

**Position:** Editorial Board

**Academic degree:** DSc, MD, PhD

**Professional title:** Dean, Professor

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

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

**Manuscript submission date:** 2021-01-22

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-02-18 08:42

**Reviewer performed review:** 2021-02-18 08:56

**Review time:** 1 Hour

<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 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
<b>Conclusion</b>	<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
<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



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No additional comments. I hope this paper would be beneficial for target audience.