

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastrointestinal Surgery*

**Manuscript NO:** 66113

**Title:** Laparoscopic Kasai portoenterostomy can be a standard surgical procedure for the treatment of biliary atresia

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

**Peer-review model:** Single blind

**Reviewer's code:** 02567646

**Position:** Peer Reviewer

**Academic degree:** MRCP, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United Kingdom

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

**Manuscript submission date:** 2021-04-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-12 20:37

**Reviewer performed review:** 2021-04-12 21:38

**Review time:** 1 Hour

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 Grade E: Do not publish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 type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

Thank you for this paper. Abstract 1. line 8 - instead of complete release please change to 'complete resolution of jaundice'. 2. Please add data on reduced blood loss and reduced length of stay with p value Introduction 1. 1st paragraph, Line 6 - please write this sentence 2. 2nd paragraph, 1st line - start the sentence as 'Studies'. Surgical procedure For it to read better, I suggest the paragraph starts as "A standard surgical protocol was followed. This involved .... Results 1. Please provided medians and p values for all variables. 2. Instead of 'complete release' please change to 'complete resolution'. 3. Please include follow up data for the two groups Discussion 1. Please start this section by highlighting your results and findings as opposed to discussing previous studies. In adds more weight to your study. Conclusion 1. again please removed the phrase 'complete release'.

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**Peer-review model:** Single blind

**Reviewer's code:** 05432804

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor, Chief Doctor

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

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

**Manuscript submission date:** 2021-04-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-12 08:34

**Reviewer performed review:** 2021-04-15 12:10

**Review time:** 3 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: [ <input type="checkbox"/> ] Anonymous [ <input checked="" type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
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### SPECIFIC COMMENTS TO AUTHORS

Really interesting article. I have some questions and remarks to authors: 1. What happened to the patients who did recover without from the jaundice, did they proceed to liver transplantation and how long after the KASAI operation? 2. Could you be more specific and describe in details the surgical procedure? More specifically: where are the port placement, did you verify the hepatic duct by intraoperative cholangiography, what type of suture material did you use for the procedure? 3. You did not report about yours intraoperative and postoperative complications like cholangitis, billiary stenosis and others. It is good to be described in the article. 4. In your center what is the total number of liver transplantation after the Kasai operation and what is the medium period of time between the KASAI operation and liver transplantation. 5. How did you explain more detaily about "adhesion" benefits from lap Kasai?

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**Peer-review model:** Single blind

**Reviewer's code:** 04358716

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor, Surgeon

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

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

**Manuscript submission date:** 2021-04-05

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-12 01:06

**Reviewer performed review:** 2021-04-17 00:58

**Review time:** 4 Days and 23 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 type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

Thank you for the opportunity to review your manuscript. While the study included a relatively large number of sample size, the study lack significant on the clear jaundice and native liver survival between lap PE vs. open PE, that are the main focus of treatment of BA and have been systematically reviewed currently. Several suggestions are as follows: - Title might be revised since without any better clear jaundice and survival of native liver after Lap PE, it seems inappropriate title - One of concern for routine Lap PE for BA, longer operation time without any significant differences on above variables - The common cut-off level of clear jaundice is  $\leq 2.0$  mg%. - Results: Table 2 and Figure of survival are redundant, please combine or choose one of them. Kaplan-Meier is not table, but it is figure, please revise it accordingly - Discussion: please elaborate more on the needs of advanced lap skills to perform lap PE

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 05432804

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Assistant Professor, Chief Doctor

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

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

**Manuscript submission date:** 2021-04-05

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2021-10-30 16:25

**Reviewer performed review:** 2021-10-31 15:05

**Review time:** 22 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 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input type="checkbox"/> ] Anonymous [ <input checked="" type="checkbox"/> ] Onymous Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

The authors have revised the manuscript according to my comments and suggestion that I have been pointed out in my peer- review report. I think that the manuscript is very interesting and meet the main criteria of the journal so it could be published in this variant.