

## Peer Review File

Article Information: <https://dx.doi.org/10.21037/tp-23-504>

### Reviewer A

**The authors conducted a meta-analysis about effect of Kasai portoenterostomy for liver transplantation and concluded that the sequential treatment of Kasai portoenterostomy-liver transplantation should be supported first. I mostly agree their results, and some minor concerns remain.**

RE: Thank you for your recognition of our work.

**Could you provide actual numbers or percentages for key items, rather than just comparisons (or ratios) of**

RE: Thank you for your valuable comments. The data we collected only appear in the figures, which was not sufficient. We have followed your advice to supplement the original data in the supplementary materials (see Page 21, line 881-882).

**2. The font size in the figures is too small and the resolution is too low.**

RE: Thank you for your valuable comments, and we apologize for the inconvenience caused to you. We have re-adjusted the font and resolution of the image to make it easier for readers to read (see “Revision of the Figure” and “Supplementary files”).

### Reviewer B

**This is generally a well-written paper and will be a good addition to the literature. I have a few minor comments:**

RE: Thank you for your recognition of our work.

**Although the English language is generally good throughout it would benefit from review by a native English speaker due to some minor errors in grammar and phrasing**

RE: Thank you for your valuable comments. We have made the corresponding changes in the article according to the suggestions made by you and the editor. In addition, we asked a native English speaker to proofread this manuscript (Modification throughout the text).

**Line 83 - ..."disease of the bile duct[s]"; also are the authors aware of cases of BA that occurred out with the neonatal/infant period?**

RE: Thank you for your valuable comments. The concept here in the article was inaccurate and should be changed to “It occurs predominantly during the neonatal period”. We have amended the article to remove “infancy” (see Page 6, line 204-205).

**Lines 88-89 - please reference this line regarding intestinal adhesions**

RE: Thank you for your valuable comments. We have supplemented the relevant references in the article according to your suggestions (see Page 6, line 210).

**The full search strategy should be provided as supplementary data**

RE: Thank you for your valuable comments. According to your suggestion, we have submitted the complete search strategy in the form of a supplementary document (see Page 7, line 235).

**Can the authors explain why "non-controlled" studies were excluded? Surely none of the studies are controlled trials?**

RE: Thank you for your valuable comments. Our concept here is vague and should be clarified. We have changed this sentence to "No comparisons were made between Kasai and non-Kasai groups" (see Page 8, line 260-261).

**Gender is used throughout - unless each patient has been asked about their gender then this should be sex.**

RE: Thank you for your valuable comments. We have corrected "sex" to "gender" in the article (see Table 1).

**Line 167 - extra "y" in the sentence?**

RE: Thank you for your valuable comments. This is a clerical error on our part and we have removed the extra "y" (see Page 9, line 291).

**Line 212 onwards - when giving percentages then either whole numbers or numbers to one decimal place is sufficient.**

RE: Thank you for your valuable comments. We have corrected all the percentages given in the full text to keep only one decimal place (see Page 11, line 348-350).

**Line 215 - the denominator here is incorrect and should be "(697/1,980)"**

RE: Thank you for your valuable comments. This is an error in our writing and we have corrected the denominator (see Page 11, line 350).

**Line 223 - be clear in the first line that this paragraph is with regard to weight at surgery.**

RE: Thank you for your valuable comments. We have carefully read the full text and corrected such errors one by one (see Page 11, line 360, 589).

**Did the authors not collect data on the indication for transplantation for these patients? This would be very helpful data**

RE: Thank you for your valuable comments. Following your suggestion, we have reviewed the 26 articles included and summarized the indications for liver transplantation (see Page 11, line 351, 352).

**All Forest plots should have labels on their x axes**

RE: Thank you for your valuable comments. All forest plots associated have been edited to add the names of the X-axis (see “Revision of the Figure” and “Supplementary files”).

**I would suggest that several figures/tables could be moved to the supplementary data such as Figure 5 and 6 and Table 1**

RE: Thank you for your valuable comments. We have provided the minor results such as Figure 5, Figure 6, and Table 1 in the form of supplementary files (see “Revision of the Figure” and “Supplementary files”).