

Dear editor,

Thank you for arranging a timely review for our manuscript (64143). For this manuscript, we have carefully evaluated the comments and thoughtful suggestions by editorial board and reviewer, responded to these advice point-by-point, and revised the manuscript accordingly. All changes made to the text can be observed in Revised Manuscript with Track Changes (Content correction in red highlight), and a clean revised manuscript is also provided. With regard to the comments and suggestions, we wish to reply as follows:

● **Responses to Reviewer #1:**

First of all, we wish to thank you for reviewing our manuscript patiently and earnestly, and for your constructive and encouraging comments. It has helped us a lot in improving the manuscript on all levels.

Comment 1: Please use the statement "Colorectal liver cancer metastasis (CRLM) occurs in approximately 50% of these patients" that you stated in the abstract section, also in the introduction part of the article.

Response 1: This has been added in the Introduction section.

Comment 2: It is seen that you used the phrase "Since Dr. Hans Schlitt first performed the associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) for CRLM in 2007" in the abstract part of the article. On the other hand, you used the phrase "Associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) was first reported in 2012" in the introduction section of the article. I think there is a contradiction between these statements. For this part, I suggest you to take advantage of the article " World J Gastrointest Surg 2018 Jan 27; 10 (1): 1-5 ".

Response 2: We agree with your suggestion and take advantage of the recommended article. To avoid the contradiction, we indicated the year of 2012 was the first introduction of the ALPPS. The expression of these parts has been revised accordingly. In fact, the ALPPS was firstly performed in 2007 by Dr. Schilitt but was firstly reported in article 5 years later in 2012.

Comment 3: The authors used the phrase "portal cholangiocarcinoma" in the text of the article. I wonder if this phrase means "hilar or intrahepatic cholangiocarcinoma".

Response 3: Yes. We have corrected this expression in revised manuscript.

Comment 4: As a result of this study, I suggest the authors to highlight the important points about ALPPS implementation. It would be appropriate to explain this with a few sentences under the heading "highlight" at the end of the article. For example, ideal interval time, advantages of this technique, ideal candidates for this procedure.

Response 4: We do agree with the advice concerning about the highlights. Four key points including advantages of ALPPS, ideal candidates, the second stage of ALPPS, individualized ALPPS, which mainly represented the contents of the whole article, have been added at the end of the article.

● **Responses to Science editor:**

First of all, we wish to thank you for your constructive, positive comments, which were helpful for us to improve the manuscript.

Comment 1: As a result of this study, the authors should highlight the important points about ALPPS implementation.

Response 1: We have highlighted the important points about ALPPS implementation at the end of the article as you suggested.

Comment 2: There is 1 self-cited reference. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations that are closely related to the topic of the manuscript, and remove other improper self-citations.

Response 2: The self-referencing rates in this manuscript was 3.03%, which was less than 10%.

Comment 3: A language editing certificate issued by editage was provided.

Response 3: We have re-sent our manuscript to a Editage to correct and refine the language of the manuscript, and the proof is also provided.

Comment 4: The study was supported by 3 grants. The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Response 4: The first pages of the three grants have been provided and uploaded in

Supplementary.

Comment 5: The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.

Response 5: The PowerPoint file was provided in the revised manuscript.

Comment 6: Please obtain permission for the use of picture(s). If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights.

Response 6: The permission for the use of picture from Wolters Kluwer Health, Inc. has been provided in supplementary. In addition, we have indicated the reference source and copyrights according to the examples, and cited the reference source in the references list.