

Response to reviewer's comments

We are grateful to the reviewer for giving us the opportunity to submit a revised draft of our manuscript to the *World Journal of Gastrointestinal Surgery* and we appreciate the time and effort dedicated to providing fruitful suggestions. Based on the insightful comments of the reviewer, we incorporated changes to address the suggestions proposed. Reviewer's comments were encouraging and it is our honor that they highlight the clinical importance of this study and its results. To address reviewer's suggestions, the following revisions have been performed and responses to each comment individually are provided below, in italics. Number of lines refers to the revised manuscript.

1. Reviewer's comment: ICG biliary mapping is particularly useful for identifying anatomy and preventing bile duct injury, according to the author. Most of the current studies did not state the rate of bile duct injury as an outcome. The author could, however, provide the reader with more insight on the results of current literature by expanding on the section of 'biliary anatomy recognition'. What is its comparison with the current gold standard of intraoperative cholangiography?

Authors' Response: *We very much appreciate this helpful comment and agree with the suggestion for addition of the results of the current literature regarding rates of biliary visualization. Two relative paragraphs have been added to the manuscript to address this observation.*

2. Reviewer's comment: This article's most important part is the section on 'Biliary anatomy recognition'. Consider rewriting the review with a concise summary of the findings and the author's interpretation rather than just descriptions of the studies.

Authors' Response: *We thank the reviewer for highlighting this important point and we also share the same opinion regarding the importance of biliary anatomy visualization as the main point of interest regarding study of intragallbladder ICG fluorescence cholangiography. A concise summary of the finding of the studies included in this paper has been added in the section "Biliary anatomy recognition".*

3. Reviewer's comment: Table 1 should include study results for those case-control studies so that readers can easily compare the results of different trials. Thank you.

Authors' Response: *We thank the reviewer for the important suggestion. Table 1 has been enriched with a column including biliary visualization rates extracted from the studies included.*

We look forward to hearing from you in due time regarding our submission and to respond to any further questions and comments you may have.

Round 2

Specific Comments to Authors: All comments are in the Word document as "comments"

Reply:

Dear Editor, changes have been performed according to reviewer's comments. In addition, duplicated references have been removed and the rest of the references have been renumbered. Finally Copyright Licence Agreement with handwritten signatures has been sent via email to y.l.chen@wjgnet.com. Yours sincerely, Ioannidis Orestis