

## Reviewer 1

### SPECIFIC COMMENTS TO AUTHORS

i congratulate the authors on writing on this very interesting topic which is very controversial.

The authors have covered the major aspect of the topic but still they have failed to conclude any clear message. Also , few of these studies quoted in the manuscript have shown invalid results that's further increases the controversy.

**Answer:** Thank you for your comment.According to your comments, we have revised the manuscript again. According to the literature collection, some reported results are indeed invalid, but it also indicates that the adjuvant therapy combined with MVI is still in the exploration stage at present, and some results of phase III clinical trials have not been reported. We also expect these unreported studies to provide better results for the treatment of reference.

I have noted few short comings in the main manuscript file, and the authors are requested to correct them.

**Answer:** Thanks to your reminder.According to your comments, we have corrected the defects you noted in the manuscript.

Secondly , the outcome of HCC not only affected by microvascular invasion but other factors like tumors markers , size , and grading. I will advise the authors to comment on this in their manuscript. These parameters should be mentioned in tables.

**Answer:** Thank you for your advice. What you mentioned is indeed an important issue. The prognosis of liver cancer is indeed affected by many factors, and we did not explain other influencing factors in the article. According to your opinion, we explained it at the end of the article and modified it one by one according to the inappropriate description you pointed out in the article. Thank you again for your valuable comments.

## Reviewer 2

### SPECIFIC COMMENTS TO AUTHORS

It would be good to arrange the article in a systematic manner, like how many articles collected, key words used etc or else arrange it as critically analyzed. One figure can be included. the article looks interesting, but monotonous in flow of science. table legends need clarity .

**Answer:** Thank you for your comment. Your suggestion is very instructive. We added references to the table according to the comments of the second review, and analyzed and evaluated the existing reports and therapeutic effects of each part. However, there are not many reports on adjuvant therapy combined with MVI, especially immunotherapy, so we did not write in the form of Meta-analysis. However, we sorted out the existing relevant literature reports and classified the existing reports to make a summary, hoping to provide reference for the adjuvant therapy combined with MVI.

## Revision reviewer

### SPECIFIC COMMENTS TO AUTHORS

I will congratulate the authors for significantly improving the quality of the manuscript. still further minor correction is needed. I have marked few sentences of the manuscript which needs references.

**Answer:** Thanks to your reminder. We responded to the reviewer's suggestions one by one, and the added references are also marked.