

Explanation of the revision

Dear Editor,

Thank you very much for your letter and the comments about our paper (Manuscript NO.: 59213). We have carefully checked the manuscript and revised it according to the comments. We submit here the revised manuscript as well as a list of changes. If you have any question about this paper, please don't hesitate to let me know.

Response to reviewer 1:

Thank you for your comments on our paper, we have revised our paper according to your comments:

1. We did a small literature review about the echinococcosis complicated with HCC at the "DISCUSSION" section in manuscript (marked in red).
2. We had put the high power ($\times 100$) histopathology photo of HCC in the figure 2 (B) according to your comments.

Response to reviewer 2:

Many thanks for your comments on our research, our response of the comments is blow:

1. To our knowledge, there are 25 cases were reported about the concomitant HCC and echinococcal cysts in scientific literature worldwide and the association between the two is still not recognized well. It has been reported that CE infection may lead to the

development of liver carcinoma ^[1,2]. By contrast, Van K F et al. ^[3] have put forward the hypothesis that echinococcus infection could suppress tumor growth. Recently, Ran et al. ^[4] consider the *E. granulosus* may elicit a protective effect against the development and progression of HCC. The further studies are needed to clarify the etiology which human CE may induce the development and metastasis of HCC.

2. Echinococcosis is an infectious zoonotic parasitic disease. China accounts for 90% of the global burden of this disease, which is a major public health issue in northwest region of China including the Xinjiang. According to the latest data, the average prevalence of hydatid diseases in our region was 1.08%, is an absolutely high incidence area ^[5,6].

Response to science editor's comment:

After carefully studying your advice, we have made corresponding changes to the paper.

1. We have added the "AUTHOR CONTRIBUTIONS", "CONFLICT OF INTEREST", "GRANT SUPPORT" and "OUTCOME AND FOLLOW-UP" sections in manuscript (marked in red)..

2. We have provided the original figure documents.

3. We have added the PMID and DOI in the reference list. The all authors were listed for the references.

4. We have uploaded the funding agency copy.

REFERENCES

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