

ROUND 1



Response letter

Manuscript ID: 73493

Title: Correlation of the pressure gradient in the three hepatic veins with the portal pressure gradient

Dear reviewers,

Thank you for your time to revise our manuscript. On behalf of all authors, I am submitting the revised manuscript for your further assessment.

I have added and revised relevant content based on your comments, re-typed as requested by the journal, and enlisted the help of a professional editing company. Please find enclosed in this letter our point-to-point response to address the referees' concerns. We hope that you find our responses and modifications satisfactory.

Responses to Reviewer #1

For accurate interpretation of the hemodynamic finding, I included the anatomy of the parenchymal liver and hepatic veins and explained the function of the liver in the background. In terms of etiology, I described the main causes of cirrhotic and non-cirrhotic portal hypertension in introduction and discussion.

Responses to Reviewer #2

- English has been polished by professional editing company. -The result section in Abstract has been rewritten and figures has been easier to understand by comparing similar data. -Subtitle has been added correctly. - The introduction has been explained in detail with more accurate references. -

The data in results has been summarized into tables. - I have added to the discussion the use of HVPG in different types of portal hypertension.

Responses to Reviewer #3

-Portal hypertension is divided into two types: cirrhotic and non-cirrhotic. I don't think this experiment can only select patients with cirrhosis. -It has been reported that for patients with a presinusoidal type of PHT, if the balloon is inflated below the vein-to-vein shunt, the measured HVPG can still accurately represent portal pressure and this method is the detection method used in this paper. -The language has been polished by a professional company.

Responses to Reviewer #4

I am very grateful to this reviewer for affirming my manuscript.

Thank you again for your help.

Yours Sincerely,

Hao-yu Wang

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ROUND 2



Response letter

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Title: Correlation of the pressure gradient in the three hepatic veins with the portal pressure gradient

Dear reviewers,

Thank you for your time to revise our manuscript. On behalf of all authors, I am submitting the revised manuscript for your further assessment.

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Responses to Reviewer

In the background section of the abstract, I have combined some sentences and phrases to make them more understandable.

I also removed some irrelevant sentences and simplified the expression in the conclusion section of the end of the article.

Thank you again for your help.

Yours Sincerely,

Hao-yu Wang

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