

Certificate of Biostatistics

Title of Study: Hepatic venous pressure gradient: inaccurately estimates portal venous pressure gradient in alcoholic cirrhosis and portal hypertension

Study Type: Retrospective study

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This letter is to confirm that the statistical methods and techniques mentioned are appropriate for the research. First author Dan Zhang had received systematic training in biostatistics. Corresponding author Fu-Quan Liu reviewed and revised the statistical section.

Please contact me if you have any queries.

Yours sincerely,

On behalf of all the authors,

Fu-Quan Liu

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