

Answers for the editor's comments

Dear Dr. Gong

I am very pleased to resubmit our revised manuscript entitled "Role of Two-Dimensional Shear Wave Elastography in Chronic Liver Diseases (Manuscript NO: 40519)" for your consideration as a publication in "World Journal of Gastroenterology".

We deeply appreciate the sharp and considerate comments by all the reviewers. We have revised the manuscript appropriately according to all the comments.

The followings are the answers according to the reviewer's comments, item by item.

Sincerely,

Joo Hyun Sohn, MD, PhD

Please provide language certificate letter by professional English language editing companies (Classification of manuscript language quality evaluation is B).

For manuscripts submitted by non-native speakers of English, please provided language certificate by professional English language editing companies mentioned in 'The Revision Policies of BPG for Article'.

: Thank you for your comment. As the editor commented, this manuscript was performed English language editing by professional English language editing company. And we submitted language certificate letter.

Please revise and perfect your manuscript according to peer-reviewers' comments.

: As reviewers commented, we revised these in the manuscript.

Please make an audio record for your core tip. The accepted formats are: mp3 or wma.

As the editor commented, we made and submitted an audio record for our core tip.

Answers for the reviewer's comments

We once again appreciate for all your comments. These are the answers for the reviewer's comments. We thank you sincerely for your support and advice on our paper. We tried our best to fully understand the comments and concerns from all the reviewers and revised this paper as you recommended. **Changed sentences were marked as blue color.** We hope this paper to be published in "World Journal of Gastroenterology".

Reviewer Name: Anonymous (01555255)

Review Date: 2018-07-03 10:10

Specific Comments To Authors:

- Introduction section: is important to report that the cut-off value's of TE are related with the nature of liver disease. For example, the values of CBP or NAFSH are more high that the values for hepatitis B and C. These different are related to the different components involved in the pathogenesis of the disease (Abenavoli and Beaugrand Ann Hepatol. 2012)

: Thank you for your comment. However, a sentence similar to your comment is described in the "ROLE OF 2D-SWE IN ASSESSING LIVER FIBROSIS" section as: "since the burden of fibrosis depends on the dominant disease, the value of LS for a given stage of fibrosis is also dependent on the dominant disease in the patients that are examined". Therefore, we did not add your comment to "Introduction" section. We hope you understand this.

- Technique of measuring liver stiffness section: TE is a highly reproducible and user-friendly technique for assessing liver fibrosis in patients with chronic liver disease (Fraquelli et al. gut 2007)

: Thank you for your comment. However, a sentence similar to your comment is described in the "INTRODUCTION" section. So, we revised this as follows: "Transient elastography (TE), which was the first method introduced into the market, is ~~widely used~~ **a highly reproducible and user-friendly technique** for evaluating liver fibrosis, and is also used for assessing portal hypertension and predicting the development of hepatocellular carcinoma (HCC)."

- Confounders section: please describe the potential confounder factors of Two-Dimensional Shear

Wave Elastography assessment, as a technic and biologic factors

: Thank you for your comment. As the reviewer commented, we added this in the "MEASURING LIVER STIFFNESS" section.

- Please include a figure of the technic's image

: Thank you for your comment. As the reviewer commented, we added technic's images (Figure 1 and 2).

Reviewer Name: Anonymous (00227403)

Review Date: 2018-07-05 12:54

Specific Comments To Authors: In this narrative review the authors discussed the application of real-time two-dimensional shear wave elastography (2D-SWE) in the measurement of liver tissue elasticity, focusing on 2D SWE technique by Aixplorer ultrasound. An appropriate title should be "Role of Two-Dimensional Shear Wave Elastography in Chronic Liver Diseases: A narrative review".

: Thank you for your comment. As the reviewer commented, we added this in the title.

In the section introduction, after that the authors reported "However, TE has some limitations, including high invalid results especially in patients with ascites or severe obesity." they should add a sentence as "Also the attempts to ameliorate diagnostic accuracy, adding to TE the calculation realized by software of quantitative measurements of the Glissonian line, have failed". This score is named Genoa Line Quantification score and has recently published by Borro P et al. (Minerva Medica 2018;60:44-51), with the aim to increase the accuracy.

: Thank you for your comment. As the reviewer commented, we added this in the "INTRODUCTION" section.