

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 40519

Title: Role of Two-Dimensional Shear Wave Elastography in Chronic Liver Diseases

Reviewer's code: 01555255

Reviewer's country: Italy

Science editor: Ze-Mao Gong

Date sent for review: 2018-07-02

Date reviewed: 2018-07-03

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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) - 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) - Confounders section: please describe the potential confounder factors of Two-Dimensional Shear Wave Elastography assessment, as a technic and biologic factors - Please include a figure of the technic's image

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 40519

Title: Role of Two-Dimensional Shear Wave Elastography in Chronic Liver Diseases

Reviewer's code: 00227403

Reviewer's country: Italy

Science editor: Ze-Mao Gong

Date sent for review: 2018-07-02

Date reviewed: 2018-07-05

Review time: 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

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". 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[7]." 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.

INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ No