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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 42783

Title: Elastography-based screening for esophageal varices in patients with advanced chronic liver disease

Reviewer's code: 03475479

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

Date sent for review: 2018-10-10

Date reviewed: 2018-10-12

Review time: 2 Days

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[ ] Grade E: Do not publish		[ ] Rejection	[ ] Advanced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

SPECIFIC COMMENTS TO AUTHORS

Authors reviewed articles about LSM for predicting EV or VNT. Authors concluded that combination LSM and platelet decrease is recommended to reule out VNTs and SSM is a promissing modality for screening EV/VNTs. This review is well-written and

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informative for clinicians. LSM using shear-wave is known to be influenced by inflammation or congestion. Authors should discuss about it. Especially the effect of congestion might be considered in SSM.

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 42783

Title: Elastography-based screening for esophageal varices in patients with advanced chronic liver disease

Reviewer's code: 00030389

Reviewer's country: Japan

Science editor: Xue-Jiao Wang

Date sent for review: 2018-10-10

Date reviewed: 2018-10-14

Review time: 3 Days

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

SPECIFIC COMMENTS TO AUTHORS

In this review, the authors summarize current knowledge on non-invasive elastography-based methods for the detection of EV and VNT and its implications in daily clinical practice. They reviewed the literatures on vibration-controlled or transient

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elastography (TE), point shear-wave-elastography (pSWE), two dimensional shear wave elastography (2D-SWE) and magnetic resonance elastography (MRE). Although there are a lot of literatures on TE, there are fewer on pSWE, 2D-SWE and MRE. The figures are beautiful and comprehensive. Major comment #1. The high variance of results (cut-offs, PPV and NPV values) reported in the literature on TE may be attributed to the ambiguous correlation of liver stiffness and the presence of varices. The presence of varices may be relied on the factors other than liver stiffness, such as causes of liver diseases and presence of other collateral routes. The authors should discuss these possibilities. Minor comment #1. Page 6, lines 2-5. The exploration volume of TE is 3cm2

INITIAL REVIEW OF THE MANUSCRIPT

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