

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46240

Title: Diagnostic value of 2D-SWE combined with texture analysis in early liver fibrosis

Reviewer's code: 03226068

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2019-02-02

Date reviewed: 2019-02-25

Review time: 13 Hours, 22 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 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

Very interesting study about the diagnostic value of two-dimensional shear wave elastography combined with textural analysis in liver fibrosis staging. The study is designed well. The title reflects the main subject of the study, and the methods are very detail. The results are also interesting and well discussed. The manuscript requires an



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editing. Some minor language polishing should be corrected, and some blanks are missing. The authors should check the manuscript carefully again before publication.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46240

Title: Diagnostic value of 2D-SWE combined with texture analysis in early liver fibrosis

Reviewer's code: 03226069

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2019-02-02

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<input checked="" 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
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			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study about the siagnostic value of 2D-SWE combined with texture analysis in early liver fibrosis, is very interesting. Liver fibrosis is an important stage in the development of chronic hepatitis B, and an accurate and non-invasive method to determine fibrosis stage is urgently required in the clinic. Those days, transient elastography and 2D-SWE



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are hot topics. This is demonstrated by previous studies involving the diagnosis of liver fibrosis which focused on significant liver fibrosis, whereas less has been reported regarding the diagnosis of early liver fibrosis. On the basis of 2D-SWE in patients with chronic hepatitis B, the textural features of the designated elastic image were derived from gray-level co-occurrence matrix built in this study. The authors compared with pathological results of liver biopsies, and the statistical analyses were conducted to explore the feasibility of 2D-SWE plus texture analysis in the diagnosis of early liver fibrosis stage. Overall, this study is well designed and the manuscript is well written. The methods are described in detail. The research objectives are achieved by the experiments used in this study. The results are discussed well. I suggest that the clinical data of the cases should be listed in a table. The limit of this study should be listed and discussed. An editing of English is required.

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 46240

Title: Diagnostic value of 2D-SWE combined with texture analysis in early liver fibrosis

Reviewer's code: 03092961

Reviewer's country: Canada

Science editor: Jin-Lei Wang

Date sent for review: 2019-02-02

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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Interesting study. I have no special comments. Some minor language polishing should be revised.

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