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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**Manuscript NO:** 39915

**Title:** Current Status of Imaging in Nonalcoholic Fatty Liver Disease

**Reviewer's code:** 02860540

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-05-21

**Date reviewed:** 2018-05-21

**Review time:** 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input 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

The review is interesting and well written. This manuscript provides a comprehensive review of the current status of imaging methods for non-alcoholic fatty liver disease in adulthood. I have only minor suggestions: I suggest to add the following reference in the text when you describe the multi-hit hypothesis in the NAFLD pathophysiology:



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World J Hepatol. 2015 Jun 18;7(11):1439-43. doi: 10.4254/wjh.v7.i11.1439. There are a lot of information about the NAFLD diagnostic tools that can be alternatively used to liver biopsy in adulthood but there is no mention to the techniques applicable in pediatric age. Please add a short paragraph about the state-of-the-art about diagnostic tools that can be alternatively used to liver biopsy in childhood.

#### **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 Hepatology

**Manuscript NO:** 39915

**Title:** Current Status of Imaging in Nonalcoholic Fatty Liver Disease

**Reviewer's code:** 03262644

**Reviewer's country:** Croatia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-05-21

**Date reviewed:** 2018-06-01

**Review time:** 11 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

This is interesting and well written overview on the hot topic of imaging methods for NAFLD. The manuscript comprehensively reviews diagnostic performance of current imaging methods as supported by the significant number of the contemporary references. There are only two minor comments I would like to be addressed by the



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authors: 1) Why do the authors differentiate SWE from the ARFI? ARFI is a physical principle used to generate shear waves in the tissue of interest, and therefore all SWE methods except TE use ARFI to generate elastogram. Please see EFSUMB guidelines on US elastography. If the authors want to specifically address diagnostic performance of a certain SWE method they should use pSWE or 2DSWE with the commercial name added in order to avoid confusion. 2) The conclusion is very general. I would suggest to avoid formulation: "In this paper, we review the current status....", and to make more straightforward conclusion which may be useful for clinical practice of a reader.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- Plagiarism
- No

##### ***BPG Search:***

- The same title
- Duplicate publication
- Plagiarism
- No