

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56722

Title: Can gadoxetic acid-enhanced magnetic resonance imaging be used to avoid liver biopsy in patients with nonalcoholic fatty liver disease?

Reviewer's code: 03478516

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist, Senior Scientist, Teacher

Reviewer's Country/Territory: Italy

Author's Country/Territory: Brazil

Manuscript submission date: 2020-06-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-05 03:56

Reviewer performed review: 2020-06-05 04:10

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Potentially interesting study characterized by a very small population and consequently to be considered still preliminary. It lacks a cost-benefit analysis that is of paramount importance at the light of the high prevalence of NAFLD.

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56722

Title: Can gadoxetic acid-enhanced magnetic resonance imaging be used to avoid liver biopsy in patients with nonalcoholic fatty liver disease?

Reviewer's code: 05040445

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2020-06-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-05 04:06

Reviewer performed review: 2020-06-08 18:56

Review time: 3 Days and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The research is mainly about using gadoxetic acid-enhanced magnetic resonance imaging (GA-MRI) to differentiate NASH from simple liver steatosis and finally got to a conclusion about this GA-MRI could replace liver biopsy in many patients. The title reflect the main subject/hypothesis of the manuscript correctly and the abstract is properly described. The background reflects the significance of the study. However, the cases is very limited and the author could use a method with a sensitivity of 32% and a specificity of 94% to conclude such a conclusion. The biopsy is still the gold standard and a radiology method never replace it. It may be a potential method to help but with such a small number of cases, its hard to come to a conclusion. I do suggest the author collect more cases to analyze and revise the conclusion with a more proper statement.

PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 56722

Title: Can gadoxetic acid-enhanced magnetic resonance imaging be used to avoid liver biopsy in patients with nonalcoholic fatty liver disease?

Reviewer's code: 02445646

Position: Peer Reviewer

Academic degree: FRCP (Hon), FRCS (Ed), MD

Professional title: Director, Professor

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: Brazil

Manuscript submission date: 2020-06-04

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-08 08:31

Reviewer performed review: 2020-06-10 08:12

Review time: 1 Day and 23 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

No comments to the authors.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Hepatology

Manuscript NO: 56722

Title: Can gadoxetic acid-enhanced magnetic resonance imaging be used to avoid liver biopsy in patients with nonalcoholic fatty liver disease?

Reviewer's code: 05040445

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Brazil

Manuscript submission date: 2020-06-04

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-07-20 17:18

Reviewer performed review: 2020-07-20 17:31

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors have resolved my questions.