

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 89160

**Title:** Staging liver fibrosis with various diffusion-weighted magnetic resonance imaging models

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 02527808

**Position:** Editor-in-Chief

**Academic degree:** MD

**Professional title:** Professor

**Reviewer's Country/Territory:** Egypt

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-10-22

**Reviewer chosen by:** Huo Liu

**Reviewer accepted review:** 2023-12-30 23:46

**Reviewer performed review:** 2023-12-31 01:08

**Review time:** 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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 manuscript is interesting as regard studying non invasive methods for assessment of liver fibrosis but some comments to be considered -methodology in the abstract liver biopsy as gold standard to be compared with different MRI models is not mentioned -reference of liver biopsy is not mentioned and why staging not done by metavir scoring or HAI(histology activating index. -The sample size is very small so statistical analysis is questionable -is there is relation of fibrosis and aetiology of liver fibrosis in MRI assessment the heterogeneity of the causes of liver fibrosis and very small number of each subgroups is limiting factor. -discussion is very breife ,some references needs to be cited 20192020202120222023 العلمي الباحث مقالات Diffusion-weighted magnetic resonance imaging and micro-RNA in the diagnosis of hepatic fibrosis in chronic hepatitis C virus T Besheer, et al2019 - World Journal of Gastroenterology, Apparent diffusion coefficient value of hepatic fibrosis and inflammation in children with chronic hepatitis AKA Razek, et al - La radiologia medica, 2014 prediction of esophageal varices in cirrhotic patients with apparent diffusion coefficient of the spleen Razek, et al 2015 abdominal imaging 40, 1465-1469