PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 51459

Title: A Radiomics Model Based on Preoperative Gadoxetic Acid-Enhanced MRI for Predicting Liver Failure

Reviewer's code: 01221925

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's country: Greece

Author's country: China

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2020-01-04 10:49

Reviewer performed review: 2020-01-04 11:08

Review time: 1 Hour

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[ ] Grade E: Do not publish		[ ] Rejection	[Y] General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

SPECIFIC COMMENTS TO AUTHORS

This is an interesting paper where the authors propose a radiomics model based on preoperative Gadoxetic Acid Enhanced MRI in order to predict post hepatectomy liver failure. Could the authors please respond to the following questions/comments? 1) How significant or necessary is the addition of the ICG-15 measurement? 2) What happened to the patients that developed postoperative liver failure? Also, was it a sustained type of liver failure or merely immediately postop? 3) How do the authors propose to use their model in the clinical setting, ie what would it change in terms of the patients' treatment plan? 4) Have the authors compared their model with other models evaluating post operative hepatic failure?

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No

BPG Search:

[   ] The same title

[   ] Duplicate publication

[   ] Plagiarism

[Y] No