PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 59188

Title: Prognostic role of artificial intelligence among patients with hepatocellular cancer: A systematic review

Reviewer's code: 00054598

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Emeritus Professor

Reviewer's Country/Territory: Belgium

Author's Country/Territory: Italy

Manuscript submission date: 2020-08-29

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-08-29 15:23

Reviewer performed review: 2020-09-05 19:18

Review time: 7 Days and 3 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish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

SPECIFIC COMMENTS TO AUTHORS

This is a very nice paper about the use of AI as a prognosticator of survival after treatment of HCC. I would just advice the authors to include a few references about the upcoming field of radiomics...because this will be an importnat part of this tAI tool application and also about the value of AI in detecting microvascular invasion by the HCC This will alkso bring the paper a bit closer to the clinician and the imaging person.