PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 70014

Title: Artificial intelligence model validation before its application in clinical diagnosis assistance.

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05975745

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Mexico

Manuscript submission date: 2021-07-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-03 03:33

Reviewer performed review: 2021-08-03 04:09

Review time: 1 Hour

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [Y] Grade E: Do not publish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

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. Manuscript is not yet completed.

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Manuscript NO: 70014

Title: Artificial intelligence model validation before its application in clinical diagnosis assistance.

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05832146

Position: Peer Reviewer

Academic degree: PhD

Professional title: Research Fellow

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: Mexico

Manuscript submission date: 2021-07-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-03 00:57

Reviewer performed review: 2021-08-09 06:25

Review time: 6 Days and 5 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [ ] Grade B: Minor language polishing [Y] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] 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

The author provide the helpful suggestion that will increase the chances of AI model success in clinical practice.   The method can provide an reliable technique to verify whether the model is suitable to be implemented in clinical practice or whether it is necessary to continue acquiring samples.   Based on the method the researches can provide enough scientific evidence to prof their model is appropriate for reality clinical practice.