

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 78164

Title: Development and validation of a risk prediction score for the severity of acute hypertriglyceridemic pancreatitis in Chinese patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03664672

Position: Peer Reviewer

Academic degree: DSc, MD, PhD

Professional title: Director, Full Professor

Reviewer's Country/Territory: Hungary

Author's Country/Territory: China

Manuscript submission date: 2022-06-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-14 02:32

Reviewer performed review: 2022-06-20 12:57

Review time: 6 Days and 10 Hours

Scientific quality	<input checked="" 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 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 Grade E: Do not publish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="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The paper addresses an important issue. HTG is known to cause the most severe pancreatitis. The paper should be published after revision. 1) The list of publications is very incomplete. Many important cohorts are not cited or discussed in this article. Eg: PMID: 32402696, PMID: 35659855, PMID: 30237456, etc. 2) HTG is known to be dose dependent. Besides dose dependence, the metabolic syndrome associated with HTG is also an important factor. How did BMI, Hypertension, Diabetes develop in these patients? It would also be important to discuss it with references. 3) The EASY-APP (first AI model) has recently been published. Has a comparison been made with this system? This cannot be seen in the figures.

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Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

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Reviewer's code: 03234974

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2022-06-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-06-17 15:24

Reviewer performed review: 2022-06-25 03:28

Review time: 7 Days and 12 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
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SPECIFIC COMMENTS TO AUTHORS

The study establishes a nomogram that identifying AHTGP patients who may develop SAP at an early stage, which is of great interest for clinical application. However, The study lacked clinical decision analysis for the development and the validation group. Additionally, it is necessary to supplement the full citation source and check the references carefully. And the authors must correct many grammatical mistakes in the manuscript.