

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 74761

Title: Prognostic significance of HALP (hemoglobin, albumin, lymphocyte, platelet) in gastrointestinal stromal tumors: A propensity matched retrospective cohort study

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00070191

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2022-02-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-27 09:57

Reviewer performed review: 2022-03-02 15:08

Review time: 3 Days and 5 Hours

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 Grade E: Do not publish
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 checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

(1)The manuscript contains title, abstract, keywords, introduction, materials, methods, experimental procedure, results, discussion, conclusion, acknowledgments, and references. (2) The scientific question proposed in the manuscript is whether the combined index of hemoglobin, albumin, lymphocyte, and platelet (HALP) has a significant correlation with postoperative pathology and postoperative treatment in patients with gastrointestinal stromal tumors (GISTs). This is presented in the Introduction section, along with the pertinent background, rationale, aim, significant findings, and potential significance of the study. Collectively, this information informs whether the manuscript would be interesting enough to warrant readers' attention. (3) This study was performed on 591 patients who had been operated on with a diagnosis of GIST. The data were analyzed by statistical analysis. It is stated that the data of each patient were retrieved from the self-built GISTs database. I want to ask to the authors to describe in more detail "this self-built database." Besides, I would like to know who performed the histopathological diagnosis of resected specimens because, according to my knowledge, it is not possible to make a definitive diagnosis of GIST without histopathological and immunohistochemical examinations. The immunohistochemical profiles for SMA, Desmin, and CD34 should also be mentioned. Accordingly, immunohistochemical staining should be briefly described. (4) The information in the results section indicates the academic significance of the main findings (including figures and tables). (5) Briefly, the results obtained from the data show a significant correlation between HALP and postoperative treatment in patients with gastrointestinal stromal tumors (GISTs). Low levels of HALP were found as an independent risk factor for poor



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

recurrence-free survival in patients with GIST. This information makes up the Discussion section and answers the questions of whether the results answered the proposed scientific question, achieved the aim of the study, or confirmed or rejected the hypothesis proposed in the manuscript. (6) the manuscript concludes that HALP could be useful in predicting tumor behavior in patients with GIST and could be used as an independent prognostic factor in the follow-up of the patients. These are presented in the Conclusion section. (7) The manuscript cites all important, relevant, and timely references. (8) There is no indication of academic misconduct in the manuscript. (9) The manuscript conforms to the academic rules and norms. (10) Although the manuscript does not describe any essential new methods, it poses new directions for research. (11) The manuscript does not contribute to understanding the pathogenesis of diseases. (12) The title of the manuscript contains keywords, and the title is interesting enough to attract readers' attention. (13) The topic of the manuscript falls within the scope of The World Journal of Gastroenterology (14) The language of the manuscript reaches the standard of publishing. 3. Peer-reviewers' conclusions (1) The new vision that the manuscript offers to readers is HALP could be a valuable tool in the follow-up in patients with GIST (2) The study's weakness arises from the lack of detailed explanation of GIST diagnosis and additional immunohistochemical staining as pointed above in (3). (3) The experiences and lessons presented in the manuscript could improve the readers' practice. (4) The content of the manuscript has value for publication. (5) The manuscript is concise, clear, comprehensive, and convincing.

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Peer-review model: Single blind

Reviewer's code: 02468626

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2022-02-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-18 10:18

Reviewer performed review: 2022-03-19 15:31

Review time: 1 Day and 5 Hours

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input checked="" type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

I enjoyed reading this article on the prognostic value of HALP in GIST. The research methodology is sound and the article is very well written.