

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64591

Title: Assessing disease activity using the Pediatric Crohn's Disease Activity Index: Can we use subjective or objective parameters alone?

Reviewer's code: 05187266

Position: Peer Reviewer

Academic degree: MD

Professional title: Research Fellow

Reviewer's Country/Territory: United States

Author's Country/Territory: Canada

Manuscript submission date: 2021-02-20

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-20 19:29

Reviewer performed review: 2021-02-26 07:26

Review time: 5 Days and 11 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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="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 would like to thank the authors for this extensive and thorough work. I recommend publishing without any further adjustments.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64591

Title: Assessing disease activity using the Pediatric Crohn's Disease Activity Index: Can we use subjective or objective parameters alone?

Reviewer's code: 05260869

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Canada

Manuscript submission date: 2021-02-20

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-04-15 14:19

Reviewer performed review: 2021-04-20 16:36

Review time: 5 Days and 2 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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

SPECIFIC COMMENTS TO AUTHORS

The study by Grant A et al. examines the single weight of each PCDAI score item on disease activity, dividing them in subjective and objective items and showing also a combined score of only significant items. The quality of collected data is definitely high and the body of the paper is nicely constructed with a regular flow. Despite the thorough analysis, I think the paper might improve following these suggestions/comments below:

- It should be discussed why composite values provide the same R2 of the full PCDAI both at Q1 and Q4 (table 2), as two of the not significant items of the PCDAI have been left out in the composite score. Likewise, I would have expected the authors to carry out the same correlation as in table 3 between PCDAI and composite value (as well as a specific ROC curve for the composite score), and not only for isolated subjective or objective parameters only.
- An interesting appendix to this analysis would be to “create” a new simplified composite score with the data that are available in this study. I wonder whether the authors have tried to combine fewer markers together and see if there were some satisfying results as well as the “full composite” score on the right column of table 2.
- In the discussion section, please focus a bit more on the combined biomarkers and composite scores, as there is a high potential to suggest a reliable composite score with this paper. Have a look at DOI: 10.1159/000511641 for reference and further discussion.
- Other minor comments: Figure 1: please remove the four decimals on the y axis Table 1: age it is best defined as median (IQR) rather than mean + SD

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64591

Title: Assessing disease activity using the Pediatric Crohn's Disease Activity Index: Can we use subjective or objective parameters alone?

Reviewer's code: 05260885

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Canada

Manuscript submission date: 2021-02-20

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-04-15 20:44

Reviewer performed review: 2021-04-21 20:17

Review time: 5 Days and 23 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (General priority) <input 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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The study by Grant et al aimed to analyze how articular items, objectives and subjective items that compound the PCDAI, can predict and modify Crohn's disease activity over time. The paper provides interesting data, but there are also some questions to be answered, as follows: -The introduction is so complete, but very complete introduction, but could explain a description of the items included in the PCDAI to facilitate the comprehension of the work for those unfamiliar with this index.. - Page 6, line 9: please, define what is " IMPACT ". - Page 9, line 15: please, define what is " HCT ". -The methodology and Biostatistics analysis are complex but well explained with compressive tables and figures. -The first paragraph of the discussion is very general, it should be more concrete about the study so I would start directly with the second paragraph describing the study and the general results. -The limitations of the study are well argued and the final conclusion by using both objective and subjective items to assess pediatric Crohn's disease activity is accurate and applicable in clinical practice.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64591

Title: Assessing disease activity using the Pediatric Crohn's Disease Activity Index: Can we use subjective or objective parameters alone?

Reviewer's code: 05260869

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Canada

Manuscript submission date: 2021-02-20

Reviewer chosen by: Han Zhang (Online Science Editor)

Reviewer accepted review: 2021-06-29 12:55

Reviewer performed review: 2021-06-29 20:14

Review time: 7 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
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

SPECIFIC COMMENTS TO AUTHORS



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I have no further comments. The authors have very clearly explained and solved the issues. The manuscript has been modified accordingly. Thanks for your excellent work.