

Response to Reviewers

Date: 09-FEB-2023

To World Journal of Cardiology

Article Type: Minireview

Manuscript ID: 83283

Title of paper: Acute heart failure as an adverse event of anti-TNF therapy in inflammatory bowel disease: Literature review

Dear Editor

Thank you for revising our manuscript. We are delighted that the journal has welcomed a revision. Based on the suggestions of reviewers, we have modified the original manuscript. Our responses regarding the reviewer's concerns and the subsequent modifications made to the manuscript are listed below on a point-by-point basis. The article was submitted to a new review in English and the new certificate was attached in the system. The authors would like to thank the reviewers for their careful and constructive comments.

Sincerely Yours,

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Comments from the Reviewers:

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: The study reviewed the adverse events, especially HF, associated with anti-TNF therapy in patients with IBD, and proposed some methods to avoid cardiac adverse events due to anti-TNFs in patients with IBD. These led to further clinical understanding and guidance.

Response: Thank you for the review of the manuscript. We would like to clarify that the article was submitted to a new review in English and the new certificate was attached in the system.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Major revision

Specific Comments to Authors: this review discuss the adverse events, especially heart failure, associated with the administration of anti-TNF therapy. We believe that our study makes a significant contribution to the literature because it discusses the current understanding in the field, and also proposes some approaches to avoid the occurrence of adverse events due to anti-TNFs in patients with IBD. What are the original findings of this manuscript? What are the future directions of the topic described in this manuscript?

Response: Thank you for the considerations regarding the manuscript. Regarding the original findings, we emphasize the importance of screening patients with risk factors for heart failure before starting anti-TNF therapy. Maybe it is a new recommendation of the article. The future directions are the recommendation to perform an echocardiogram, a relatively inexpensive and accessible test to screen for HF in patients prior to the use of anti-TNF therapy. Furthermore, we suggest further study on the role of cardiac receptors in triggering adverse events in these patients (information added in Discussion). Furthermore, the article was submitted to a new review in English and the new certificate was attached in the system.

Reviewer #3:

Scientific Quality: Grade C (Good)

Language Quality: Grade C (A great deal of language polishing)

Conclusion: Major revision

Specific Comments to Authors: Tumor necrosis factor (TNF) inhibitors (anti-TNFs) are widely used for the treatment of inflammatory bowel diseases (IBD). However, heart failure, although rare, is an adverse event associated with the use of anti-TNFs in these patients. This review discusses the adverse events, especially heart failure, associated with the administration of anti-TNF therapy. It is an interesting manuscript. BUT Authors cannot succeed to present their idea in a clear way adding information to the existing literature.

Response: Thank you for the considerations regarding the manuscript. We tried to reformulate FINAL CONSIDERATIONS AND FUTURE PERSPECTIVES in a clearer and more objective way. Furthermore, the article was submitted to a new review in English and the new certificate was attached in the system.

EDITORIAL OFFICE'S COMMENTS

(1) Science editor:

The manuscript has been peer-reviewed, and it's ready for the first decision.

Language Quality: Grade C (A great deal of language polishing)

Scientific Quality: Grade C (Good)

Response: Thank you for the considerations regarding the manuscript. The article was submitted to a new review in English and the new certificate was attached in the system.

(2) Company editor-in-chief:

I recommend the manuscript to be published in the World Journal of Cardiology. Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the Reference Citation Analysis (RCA). RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>.

Response: Thank you for the considerations regarding the manuscript. We have corrected the manuscript following your comments. We have used RCA and found no new article to be included in our article. Furthermore, the article was submitted to a new review in English and the new certificate was attached in the system.