Division of Infectious Diseases

Kaohsiung Chung Gung Memorial Hospital

Kaohsiung, Taiwan

July 31, 2021

Dear Editor,

Thank you for the comprehensive review of our manuscript. We found the reviewers' comments to be very insightful and helpful for the improvement of our work. We appreciated the opportunity to submit a revised version.

We have provided our point-by-point responses to the comments below. The changes in the revised edition are highlighted in red color. We hope you will find our revised manuscript suitable for publication in *World Journal of Orthopedics*.

Yours sincerely,

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Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: The relationship between ''adult-onset immunodeficiency'', ''anti-interferon (IFN)-γ autoantibodies'' and ''nontuberculosis Mycobacterium'' should be explained better. In almost half of the introduction, the aim of this study was tried to be explained. I think the introduction should be more informative.

Response: Thanks for your suggestion. We rewrote the phrase to explain the relationship between ''adult-onset immunodeficiency'', ''anti-interferon (IFN)-γ autoantibodies'' and ''non-tuberculosis Mycobacterium'' in the introduction. (Line 89-98 of Page 5)

The revised edition is reviewed by an English native speaker. The changes in the revised edition are highlighted in red color.

Reviewer #2:

Scientific Quality: Grade D (Fair)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: 1. In the final diagnosis, I think you should include "anti-interferon-gamma autoantibody (nAIGA)-induced adult-onset immunodeficiency" as one of the diagnoses. 2. Why this patient has anti-interferon-gamma autoantibody (nAIGA)-induced adult-onset immunodeficiency?

Response: Thanks for your suggestion. The "anti-interferon-gamma autoantibody (nAIGA)-induced adult-onset immunodeficiency" was added as one of the final diagnosis of this patient. (Line 168-69 of Page 8)

The rationale of this patient got anti-interferon-gamma autoantibody (nAIGA)-induced adult-onset immunodeficiency was added in the Introduction. (Line 89-98 of Page 5)

The revised edition is reviewed by an English native speaker. The changes in the revised edition are highlighted in red color.

Reviewer #3:

Scientific Quality: Grade C (Good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: an interesting case

Response: Thanks for your comment.

(1) Science editor:

1 Scientific quality: The manuscript describes a case report of the pathological humerus fracture due to anti-interferon-gamma autoantibodies. The topic is within the scope of the WJO. (1) Classification: Two Grades C and Grade D; (2) Summary of the Peer-Review Report: The relationship between ''adult-onset immunodeficiency'', ''anti-interferon-γ autoantibodies'' and ''nontuberculosis Mycobacterium'' should be explained better. In almost half of the introduction, the aim of this study was tried to be explained. The questions raised by the reviewers should be answered; (3) Format: There are 4 figures; (4) References: A total of 12 references are cited, including 1 reference published in the last 3 years; (5) Self-cited references: There is no self-cited reference; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade A and two Grades B. A language editing certificate issued by Filipodia was provided. 3 Academic norms and rules: The authors provided the informed consent. No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an unsolicited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJO. 5 Issues raised: (1) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor. 6 Re-Review: Not required. 7 Recommendation: Conditional acceptance.

Response: Thanks for your comment. We rewrote the phrase to explain the relationship between ''adult-onset immunodeficiency'', ''anti-interferon (IFN)-γ autoantibodies'' and ''non-tuberculosis Mycobacterium'' in the introduction. (Line 89-98 of Page 5) Two new references was added in the revised edition.
The revised edition is reviewed by an English native speaker. The changes in the revised edition are highlighted in red color.
We provide the original figure documents using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Orthopedics, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Before final acceptance, uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...".

Response: Thanks for your comment. The uniform presentation was used for figures showing the same or similar contents.