

World Journal of Orthopedics

Respected Editor in Chief

Dear Dr. Massimiliano Leigheb,

We are grateful for your kind consideration and appreciate the valuable recommendations for revision of our manuscript entitled “Unhappy Triad of the Knee: What Are the Current Concepts and Opinions?”. We have tried to follow all the advice and attached the responses below. We hope that these modifications are satisfactory, and we will gladly edit any further necessary changes to improve the quality of our text based on your precious insights.

Sincerely,

Corresponding author: Mohammad Razi, MD

Professor emeritus of orthopedic surgery, Department of Orthopedic Surgery, Rasoul Akram Hospital, Iran University of Medical Sciences, Tehran, Iran

President of Iranian Orthopedic Association

Email: [mrazi@razimd.info](mailto:mrazi@razimd.info)

Dear Science Editor,

We are grateful for your kind consideration and appreciate the valuable recommendations for revision of our manuscript entitled “Unhappy Triad of the Knee: What Are the Current Concepts and Opinions?”. We have tried to follow all the advice and attached the responses below. We hope that these modifications are satisfactory, and we will gladly edit any further necessary changes to improve the quality of our text based on your precious insights.

Sincerely,

Mohammad Razi, MD; Professor emeritus of orthopedic surgery; President of Iranian Orthopedic Association

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

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

Scientific Quality: Grade C (Good)

Thank you so much for all your support in reviewing and editorial process of our paper. We tried to revise the paper based on reviewers' comments and a full language edition was done.

Dear Company editor-in-chief,

We are grateful for your kind consideration and appreciate the valuable recommendations for revision of our manuscript entitled "Unhappy Triad of the Knee: What Are the Current Concepts and Opinions?". We have tried to follow all the advice and attached the responses below. We hope that these modifications are satisfactory, and we will gladly edit any further necessary changes to improve the quality of our text based on your precious insights.

Sincerely,

Mohammad Razi, MD; Professor emeritus of orthopedic surgery; President of Iranian Orthopedic Association

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, the author(s) must add a table/figure to the manuscript. There are no restrictions on the figures (color, B/W) and tables. 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 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/>.

Thank you so much for all your support in reviewing and editorial process of our paper. We tried to use RCA and added one figure.

Dear Reviewer 1,

We are grateful for your kind consideration and appreciate the valuable recommendations for revision of our manuscript entitled “Unhappy Triad of the Knee: What Are the Current Concepts and Opinions?”. We have tried to follow all the advice and attached the responses below. We hope that these modifications are satisfactory, and we will gladly edit any further necessary changes to improve the quality of our text based on your precious insights.

Sincerely,

Mohammad Razi, MD; Professor emeritus of orthopedic surgery; President of Iranian Orthopedic Association

Scientific Quality: Grade A (Excellent)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Summary The authors have described the unhappy triad (ACL, MCL, and medial meniscus injuries). They have also stated it is possible that the lateral meniscus and anterolateral complex are also damaged, which changes the definition of damaged structures in the unhappy triad. Finally, the authors concluded that the unhappy triad is associated with concomitant ACL, MCL, lateral and medial meniscus injuries and is mostly associated with the anterolateral complex of the knee. The results of this study will progress in the diagnosis of affected structures in the terrible triad and improve clinical outcomes in evaluation, assessment, and diagnosis. In my opinion, there are some concerns in the manuscript that, if addressed, would improve the quality of the manuscript.

Thank you so much for all your support in reviewing our paper. We tried to revise the paper based on your comments and a full language edition was done.

Abstract Please add “anterolateral complex” to the keywords.

Many thanks. We did it.

Overview “However, arthroscopy studies showing the higher prevalence of LM tears shifted this dominance”. The reference concerning this topic date back to the year 1994. The authors should integrate relevant recent research regarding this aspect.

Yes, we mentioned the reference is for that time. We kept this reference because it is showing a significant difference in a large sample size.

“78% of MCL grade III injuries are associated with ACL injuries”. Please modify the numerical quantity.

Thanks a lot. We did it.

“The mechanism of injury in the unhappy knee triad is sudden valgus impact with external rotation”. It seems that during the knee valgus mechanism, in addition to external rotation, internal rotation is also effective, referenced by Ferretti et al. (2018). Please correct this if possible.

Thank you so much for your brilliant comments. We corrected it now.

Dear Reviewer 2,

We are grateful for your kind consideration and appreciate the valuable recommendations for revision of our manuscript entitled “Unhappy Triad of the Knee: What Are the Current Concepts and Opinions?”. We have tried to follow all the advice and attached the responses below. We hope that these modifications are satisfactory, and we will gladly edit any further necessary changes to improve the quality of our text based on your precious insights.

Sincerely,

Mohammad Razi, MD; Professor emeritus of orthopedic surgery; President of Iranian Orthopedic Association

Scientific Quality: Grade C (Good)

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

Conclusion: Minor revision

Specific Comments to Authors: General comments: This review article presented the development of the definition of the “Unhappy Triad of the Knee” and the commonly used clinical treatments for it. The topic is appealing to me. The writing is concise and clear. However, the language was suggested to be further checked by a native English speaker. It should be noted that line numbers were not added by the authors, so the reviewer has added them to facilitate a better presentation of the comments.

Thank you so much for all your support in reviewing of our paper. We tried to revise the paper based on your comments and a full language edition was done.

Please see my specific comments as below:

Specific comments: The authors can consider to put the “anterolateral structures” in the Keywords.

Many thanks. It is done now.

Line 66: There is an extra period in the end of this sentence.

It is removed now.

Line 69: Please insert references to this statement.

Thank you. Added.

Line 77: Please consider reorganizing this sentence. Do the authors mean that the definition of “injury of the medial meniscus” might have been misunderstood?

Yes, it is changed now.

Line 79-81: Can the authors try to explain more about this sentence? It is a little bit hard to follow the meaning.

We agree. It is written in a simpler way, now.

Line 99-100: Please check the integrity of this sentence.

Thanks a lot. It is corrected now.

Line 101: typo in “78%”.

Thanks. Edited.

Line 109: The authors stated that recent studies showed more dominant lateral meniscus injuries than the medial meniscus, could they please try to present some more details? For example, what are the proportions for the medial and lateral meniscus injuries respectively in the patients with an ACL injury?

Thanks for your comment. It is added now.

Line 128-130: Can the authors explain why the valgus stress test is the key element comparing with the other tests such as pivot shift test?

We removed this sentence.

Line 132: Can the authors try to replace the subtitle with a more precise one?

Thank you. It is replaced now.