



ISSN NO. 2320-5407

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

## REVIEWER'S REPORT

Manuscript No.: **IJAR-57505**

**Title:** *An Observational Study on Correlation Between Y Balance Test And Calf Muscle Isometric Endurance and Agility among Athletes with Chronic Ankle Instability*

### Recommendation:

Accept as it is .....

**Accept after minor revision.....**

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		√		
Techn. Quality			√	
Clarity			√	
Significance		√		

Reviewer's Name- **Dr Touseef Malik**

### Reviewer's Comment for Publication

The manuscript explores the relationship between Y Balance Test performance, calf muscle isometric endurance, and agility among athletes with chronic ankle instability. The topic is clinically relevant in the field of sports physiotherapy and rehabilitation, particularly for understanding functional deficits associated with chronic ankle instability and return-to-sport considerations. The study demonstrates practical applicability and includes standardised assessment tools. However, the manuscript requires improvements in language clarity, methodological explanation, statistical interpretation, referencing consistency, and discussion depth. With minor revisions addressing these concerns, the article may be considered suitable for publication.

**Recommendation:** Accept after minor revision

### Detailed Reviewer's Report

#### STRENGTHS

1. The study addresses an important area in sports rehabilitation by examining balance, agility, and muscle endurance among athletes with chronic ankle instability.
2. The manuscript uses clinically accepted assessment tools such as the Y Balance Test and T Agility Test, enhancing the practical value of the research.
3. The research objective is clearly stated, and the study design is appropriate for investigating correlations between the selected variables.
4. Ethical considerations, inclusion and exclusion criteria, and testing procedures have been adequately described.
5. The manuscript contributes useful preliminary findings regarding the absence of significant correlation among the studied variables in athletes with chronic ankle instability.

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## REVIEWER'S REPORT

### WEAKNESSES

1. The manuscript contains several grammatical errors, sentence construction issues, and inconsistent academic language that reduce overall readability and scholarly quality.
2. The rationale for selecting calf muscle isometric endurance as a variable requires stronger theoretical justification supported by recent literature.
3. Statistical interpretation needs improvement, particularly regarding the explanation of non-significant findings and their clinical implications.
4. Some procedural descriptions are unclear and require better scientific presentation, especially the calf endurance testing procedure.
5. The discussion section is relatively descriptive and should provide a deeper analytical interpretation of findings in comparison with previous studies.
6. Referencing style and formatting are inconsistent in certain sections and should be revised according to the journal guidelines.