

REVIEWER'S REPORT

Manuscript No.: IJAR-58343

Title: Effects of Muscle Strengthening Combined with TENS and Cryotherapy on Shoulder Pain and Physical Capacity in Wheelchair Basketball Players.

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 ID: JP085

Reviewer's Comment for Publication.

This manuscript evaluates the effectiveness of three intervention programs—muscle strengthening alone, muscle strengthening combined with TENS, and muscle strengthening combined with cryotherapy—for reducing shoulder pain and improving physical capacity in wheelchair basketball players. The study demonstrates that combining physiotherapy modalities with strengthening exercises provides greater pain relief than strengthening alone, with cryotherapy showing the greatest improvement.

Strength:

1. Clinically relevant and practical research topic.
2. Well-designed comparative experimental study.
3. Appropriate statistical analysis is used.
4. Results are clearly presented with tables.
5. Findings have direct clinical application in sports rehabilitation.
6. Limitations of the study are acknowledged.

Weakness:

1. Small sample size limits generalizability.
2. Short follow-up period with no long-term outcomes.
3. Combined TENS and cryotherapy intervention was not evaluated.
4. Mechanisms underlying treatment effects need further discussion.
5. Minor language and formatting corrections are required.
6. More recent references could strengthen the discussion.

Overall assessment:

The manuscript presents a well-conducted experimental study with clinically useful findings for the rehabilitation of wheelchair basketball players. The methodology is appropriate, and the results are

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

clearly interpreted. However, minor revisions related to sample size justification, discussion of long-term outcomes, updated references, and language editing would further improve the manuscript

Recommendation: Manuscript accepted for publication after minor revision.