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REVIEWER'S REPORT

Manuscript No.: IJAR-57564

Title: Balancing Act: Unveiling the Link Between Dental Occlusion and Postural Stability – A Case Series

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 Name: Dr S. K. Nath

Detailed Reviewer's Report

Strength of the study

- The manuscript explores an interesting interdisciplinary relationship between dental occlusion and posture
- Detailed clinical findings and imaging support the presented cases effectively
- Use of electromyography, T scan, and postural assessment strengthens clinical evaluation
- The multidisciplinary treatment approach is practically relevant
- Case outcomes are clearly described with supportive visual documentation
- Discussion is supported with recent literature and biomechanical explanations

Weakness of the study

- The study includes only two cases, limiting scientific generalization
- Ethical clearance and written patient consent are not clearly mentioned
- Some grammatical and typographical errors reduce manuscript clarity
- Statistical analysis and objective outcome measures are lacking
- Certain references appear incomplete or inconsistently formatted
- The discussion occasionally becomes repetitive and overly descriptive
- Long term follow up and standardized pain assessment are insufficiently detailed

Reviewers Comments

The manuscript presents an interesting and clinically relevant case series exploring the relationship between dental occlusion and postural stability in patients with chronic musculoskeletal pain. The interdisciplinary approach involving neuromuscular dentistry and physiotherapy adds practical value to the study. The authors have provided detailed clinical examinations supported by electromyography, T scan analysis, cephalography, spinal imaging, and postural assessment, which strengthens the documentation of findings. The discussion effectively explains the biomechanical and neuromuscular basis of the occlusion posture relationship with support from current literature. The improvement observed after integrated management is encouraging and clinically meaningful. However, the study is limited by the very small sample size and absence of objective statistical analysis. Ethical clearance approval and informed patient consent for publication should be clearly mentioned. Some grammatical, formatting, and referencing inconsistencies require correction to improve readability and scientific presentation. Long term follow up data and standardized pain evaluation methods would further strengthen the manuscript. Overall, the paper provides useful clinical insight and may be considered for publication after moderate revision.

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