

REVIEWER'S REPORT

Manuscript No.: IJAR-59360

Title: GROWING WITH PAIN: A CLINICAL PERSPECTIVE ON PEDIATRIC TEMPOROMANDIBULAR DISORDER

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:

- Clinically relevant pediatric TMD case
- Provides detailed clinical examination findings
- Includes radiographic and CBCT evaluation
- Nutritional deficiencies are clearly documented
- JVA findings are presented before and after treatment
- Conservative management is described in detail
- Three-month follow-up is provided
- Improvement in pain and function is reported
- Relevant recent literature is included
- The multidisciplinary approach is useful

Weakness of the study:

- Causal relationship between deficiency and TMD is not established
- Multiple treatments were given simultaneously
- MRI was not performed despite suspected disc derangement
- DC/TMD diagnostic criteria were not clearly applied
- Some dental findings appear inconsistent with the reported age
- Treatment table uses “pre-operative” and “post-operative” terminology incorrectly
- Nutritional reference ranges and clinical significance need clarification
- Ethics approval and publication consent are not clearly reported
- Grammar, spacing and terminology require extensive correction

Reviewers Comments:

The manuscript presents an interesting pediatric TMD case with clinical, radiographic, nutritional and joint vibration findings. The detailed examination and three-month follow-up are useful, and the improvement after conservative treatment is clinically relevant. However, major revision is required. The manuscript should avoid implying that vitamin D, calcium, magnesium or vitamin B12 deficiency caused the TMD because several local factors and multiple treatments were present simultaneously. The patient received extraction, physiotherapy, stabilization splint therapy and nutritional supplementation, making attribution of improvement to nutritional correction difficult. MRI was not performed even though chronic disc derangement was diagnosed, and the application of DC/TMD criteria should be clarified. The use of “pre-operative” and “post-operative” terminology in the JVA table is inappropriate for a mainly conservative treatment course. Ethical clearance and written consent for publication should be clearly documented. The manuscript also requires substantial grammar, spacing, terminology and reference corrections. Overall, the case is potentially publishable after major revision.

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Previously Published anywhere/Plagiarism check:

An exact-title search did not identify an obvious previously published article with the same title. However, closely related pediatric TMD literature is already available, including clinical reviews and case-based reports. The authors should clearly establish the novelty of linking nutritional deficiency with this clinical presentation. A formal similarity or plagiarism check is recommended before publication.