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## REVIEWER'S REPORT

Manuscript No.: IJAR-56092

Title: Clinical Effectiveness of Pre-Formed Myofunctional Appliances: A Literature Review

### Recommendation:

Accept after minor revision.....

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

Reviewer Name: Dr. Sudheer Aluru

### Detailed Reviewer's Report

This manuscript presents a clinically relevant narrative review of pre-formed myofunctional appliances (PMAs) in interceptive orthodontics. The topic is timely, the scope is appropriate, and the conclusions—that PMAs mainly exert dentoalveolar and neuromuscular effects with limited skeletal impact—are balanced and consistent with contemporary evidence. Table 1 is particularly useful, and the comparison with custom functional appliances is well framed.

However, the manuscript requires revision to improve clarity, conciseness, and scholarly presentation. The main weaknesses relate to repetition, uneven narrative flow in the biological rationale section, and referencing style. These issues are editorial and structural rather than scientific in nature.

### Major Comments

#### 1. Repetition and Length

Core points about mechanisms, indications, and limitations are repeated across multiple sections (Introduction, Biological Rationale, Clinical Effects, Current Evidence, and Conclusion).

Action: Streamline overlapping sections and consolidate similar discussions.

## REVIEWER'S REPORT

### 2. Biological Rationale Section

This section reads fragmented and overly citation-driven, with limited synthesis.

*Action:* Rewrite it into a coherent narrative beginning with equilibrium theory, followed by muscle imbalance–malocclusion relationships, and finally how PMAs intervene.

### 3. Referencing and Figure Use

- Some references are awkwardly placed mid-sentence.
- The source for Figure 1 appears weak and the caption is simplistic.

*Action:* Reformat in-text citations and consider replacing or strengthening the figure source/caption. The image description ("Components of Myobrace") is also very basic. Consider using a more authoritative source for an explanatory figure or providing a more detailed, original caption.

### Minor Issues

- Add a brief mention in the Abstract about comparison with custom appliances.
- Ensure Table 1 is fully supported by citations in the text.
- Correct formatting glitches and typographical symbols.
- Standardize trademark use and reference style.

### Minor Revisions Required

With tighter writing, improved synthesis in the biological rationale section, and corrected referencing and formatting, this manuscript would be suitable for publication as a clinical review.