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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 | | Good | | |
| Techn. Quality | Excellent | | | |
| Clarity | Excellent | | | |
| Significance | Excellent | | | |

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

- 1. Dental occlusion refers to the way upper and lower teeth meet and fit together, commonly known as a person's "bite". It encompasses the contact between teeth during chewing, swallowing, and at rest. A proper, or "normal," occlusion allows for efficient chewing and oral health, while misaligned teeth, known as malocclusion, can cause pain, uneven tooth wear, and jaw issues.**
- 2. In dentistry, occlusion refers to the contact relationship between the maxillary (upper) and mandibular (lower) teeth when they meet, commonly known as the "bite". It encompasses both the static relationship when jaws are closed and the dynamic, functional movements during chewing or speech. Proper occlusion is crucial for chewing, speaking, and oral health, while misalignment is termed malocclusion.**
- 3. Postural stability is the ability to maintain the body's center of gravity within its base of support, allowing for an upright and balanced posture against gravity. It involves a complex interaction between the nervous and musculoskeletal systems to maintain equilibrium during both static (still) and dynamic (moving) tasks.**

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- 4. Postural stability is the ability to maintain the body's center of gravity within its base of support, allowing a person to remain upright, balanced, and steady against gravity, whether standing still (static) or moving (dynamic). It relies on a combination of muscle strength—particularly in the core, hips, and shoulders—and neurological control to co-activate muscles on all sides of the body.**
- 5. An interdisciplinary approach combines methods, theories, and insights from two or more academic, scientific, or artistic disciplines to solve complex problems, create new knowledge, or enhance understanding. It goes beyond just sharing information, focusing on integrating different perspectives to address multifaceted issues like climate change, health care, or education that a single discipline cannot fully address.**
- 6. An interdisciplinary approach is a method of study, research, or problem-solving that integrates insights, methods, and theories from two or more academic disciplines or fields of study. It goes beyond just combining subjects, actively blending them to create new, holistic understandings and solutions for complex, real-world problems that cannot be solved by a single discipline alone.**
- 7. Occlusion is the general act of blocking, closing, or bringing together, with specific meanings across different fields. Key definitions include the alignment of teeth ("bite" in dentistry), the blockage of blood vessels (vascular occlusion in medicine), or the covering of a weather front. It implies a state of being closed or obstructed.**
- 8. Occlusion refers to the act of closing, blocking, or obstructing something, or the state of being closed or blocked. It generally describes a blockage in a physical, biological, or visual context, such as a blood vessel, the alignment of teeth, or a meteorology system.**
- 9. Posture is the active alignment of the spine, shoulders, and hips, directly influencing physical health, joint longevity, and psychological state. Good posture keeps the body balanced, reducing stress on muscles and ligaments, while poor posture causes pain, fatigue, and reduced lung capacity. It involves a "neutral" spinal position, often represented as a gentle "S" curve.**
- 10. Posture relationship refers to the alignment of body segments in relation to one another and to gravity, forming a balanced, stable state during movement or rest. This system links the musculoskeletal**

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system with the nervous system to minimize energy use, reduce stress on anatomical structures, and maintain structural integrity.

11. Key words are given excellent
12. Pictures are given awesome.
13. References only should be with alphabetical order and summary points also be added.
14. Significant points are appreciated.
15. After a small changes good to publish in your journal.