

REVIEWER'S REPORT

Manuscript No.: IJAR-52810

Date: 16-07-2025

Title: ZYGOMATIC IMPLANTS: ADVANCES AND CLINICAL COMPARISONS BETWEEN BRAZIL AND THE UNITED STATES

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 Aamina

Reviewer's Comment for Publication.

General Overview:

This narrative review provides a comparative and contextual exploration of zygomatic implants as a clinical solution for patients with severe maxillary atrophy. It successfully bridges technological, procedural, and cultural perspectives by examining developments and clinical practices in both Brazil and the United States. The manuscript is clear in its objectives and contributes meaningfully to global discourse in oral and maxillofacial implantology.

Strengths:

1. Comprehensive Comparative Approach:

The dual-country comparison is well-structured and informative. By contrasting regulatory frameworks, procedural preferences, and professional training models, the manuscript offers readers a rich understanding of how localized healthcare structures influence implantology practices.

2. Focus on Technological Advancements:

The review highlights key innovations such as high-purity titanium, 3D-printed surgical guides, and bioactive ceramics, effectively situating the discussion within current biomedical trends. These elements enhance the scientific and clinical relevance of the work.

3. Integration of Ethical and Regulatory Considerations:

The inclusion of informed consent practices, complication prevention, and equitable access adds

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an important layer of ethical reflection. This elevates the paper from a purely technical discussion to a more holistic evaluation of clinical practice.

4. **Emphasis on Interdisciplinary Collaboration:**

The manuscript underscores the importance of teamwork across specialties and continued professional education, particularly in the Brazilian context. This insight is valuable for practitioners and educators seeking to improve the standard of care.

5. **Clarity and Organization:**

The writing is coherent and well-organized, making the complex topic of zygomatic implants accessible to a broad clinical and academic audience. The balance between historical context, scientific detail, and systemic analysis is effectively maintained.

Contribution to the Field:

This manuscript makes a valuable contribution to the global understanding of implant dentistry by highlighting diverse yet complementary approaches to zygomatic implantology. It encourages dialogue on best practices, promotes cross-border learning, and advocates for standardization without discounting regional adaptations.

Conclusion:

The review offers a thoughtful, multidisciplinary analysis of zygomatic implants, showcasing advances in Brazil and the United States. It aligns well with international dental scholarship and presents both clinical and institutional insights that are informative and transferable. This work will serve as a useful resource for clinicians, educators, and policy-makers interested in implant rehabilitation, global health standards, and innovation in dental surgery.