

Review of: "Comprehensive Anaesthesia Management Strategies for Orthognathic Surgical Procedures"

Paolo Priore

Potential competing interests: No potential competing interests to declare.

Overview: The document presents a comprehensive review of anaesthesia management strategies specifically tailored for orthognathic surgery. It addresses the complexities involved in managing patients who undergo these procedures, which are often performed to correct malocclusion and facial asymmetry. The authors aim to provide insights into the perioperative care that can enhance patient outcomes.

Content Evaluation:

Clarity and Structure:

- The paper is well-structured, with a clear abstract summarizing the objectives and scope of the review. The table of contents is helpful for navigation.
- Each section logically progresses, discussing various aspects of anaesthesia management, including airway management, bleeding control, postoperative care, and specific recommendations.

Literature Review:

- The authors have conducted a thorough literature review, citing relevant studies and guidelines that support their recommendations. This adds credibility to the paper.
- References are appropriately formatted, and the inclusion of recent studies enhances the relevance of the content.

Depth of Analysis:

- The review covers essential topics such as postoperative nausea and vomiting (PONV), analgesia, and deep venous thrombosis prophylaxis (DVT), indicating a comprehensive approach to patient care.
- The discussion on the importance of a multidisciplinary approach is particularly noteworthy, as it emphasizes collaboration among healthcare professionals.

Practical Implications:

- The paper provides practical recommendations that can be implemented in clinical settings, making it a valuable resource for anesthesiologists and surgeons involved in orthognathic procedures.
- The focus on optimizing outcomes and accelerating recovery aligns with current trends in patient-centered care.

Originality and Contribution:

- The review contributes to the existing body of knowledge by synthesizing current practices and highlighting areas for improvement in anaesthesia management for orthognathic surgery.
- It addresses a niche area within anaesthesia that may not be extensively covered in other literature, enhancing its originality.

Suitability for Publication:**Strengths:**

- Comprehensive coverage of relevant topics.
- Strong literature support and references.
- Practical recommendations for clinical application.
- Clear and organized presentation.

Areas for Improvement:

- The authors could consider including more case studies or clinical examples to illustrate the application of their recommendations.
- A discussion on potential challenges or limitations in implementing these strategies could provide a more balanced view.

Conclusion: Overall, the PDF presents a well-researched and thoughtfully organized review of anaesthesia management strategies for orthognathic surgery. It is suitable for publication, as it offers valuable insights and practical recommendations that can benefit practitioners in the field. With minor enhancements, such as the inclusion of case studies and a discussion on challenges, it could further strengthen its impact