

## Editorial

# Insights into Volume 66, Issue 4, 2025 of the Portuguese Journal of Stomatology, Dental Medicine and Maxillofacial Surgery



## Introdução ao Número 4 do Volume 66 de 2025 da Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial

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We are pleased to welcome our readers to Volume 66, Issue 4 of 2025 of the Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial (Portuguese Journal of Stomatology, Dental Medicine and Maxillofacial Surgery). As we close another editorial year, it is time to reflect on the scientific activity the journal has fostered over the past twelve months.

Throughout 2025, the four published issues delivered a total of 28 new studies, comprising 19 original research articles and 9 clinical case reports. This consistent output reflects the vitality of research and clinical scholarship in stomatology, dental medicine, and maxillofacial surgery, and reinforces the journal's role as a platform for disseminating valuable, clinically relevant knowledge.

The present issue concludes the year with seven new contributions, including six original research studies and one clinical case report, addressing topics that range from dental education and biomaterials to epidemiology, orthodontics, endodontics, and oral pathology.

The original research article "Changes in oral health students' behaviors, attitudes, and oral status during academic training"<sup>1</sup> explores how academic education influences oral health behaviors and clinical indicators among oral health students. Using a longitudinal design, the study highlights the positive impact of early clinical exposure and education on

self-care practices, while also identifying persistent challenges that warrant curricular attention.

In "Association between periodontal disease and Alzheimer's disease: A cross-sectional study,"<sup>2</sup> the authors investigate the relationship between periodontal status and Alzheimer's disease. The findings suggest a greater extent of generalized periodontitis among individuals with Alzheimer's disease, contributing to the growing body of evidence linking oral health and systemic conditions.

The study "Prevalence of orthodontically induced inflammatory root resorption (OIIRR) associated with distal movement of the maxillary teeth with mini-implants – A preliminary CBCT cohort study"<sup>3</sup> evaluates root resorption patterns using cone-beam computed tomography. The results underscore a high prevalence of OIIRR, particularly in posterior teeth, emphasizing the importance of careful radiographic monitoring during complex orthodontic mechanics.

Addressing public health and epidemiology, "Social determinants and oral cancer mortality in Brazil: A 20-year analysis"<sup>4</sup> examines the association between socioeconomic indicators and oral cancer mortality. This comprehensive ecological study reveals significant links between social inequalities and mortality trends, reinforcing the need for targeted public health policies and preventive strategies.

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The article “Effect of different cleansing agent solutions on denture acetal resin mechanical and physicochemical properties”<sup>5</sup> assesses how commonly used denture cleansers influence the properties of acetal resins. The findings provide clinically relevant guidance on material maintenance, highlighting differences in hardness, impact resistance, and sorption associated with various cleansing agents.

In “Does cavity disinfection affect the bond strength between Biodentine and mineral trioxide aggregate with glass ionomer cement? – An in vitro study,”<sup>6</sup> the authors evaluate how cavity disinfectants influence adhesive performance. The results demonstrate that chlorhexidine negatively affects bond strength, whereas sodium hypochlorite does not, offering practical insights for restorative and endodontic procedures.

Concluding the issue, the clinical case report “Multiple intraoral salivary duct cysts: Report of a rare case”<sup>7</sup> describes an uncommon presentation of multiple salivary duct cysts in minor salivary glands. This detailed report enhances clinical awareness of rare oral pathologies and supports accurate differential diagnosis in daily practice.

We would like to express our sincere gratitude to all authors for choosing this journal to disseminate their work and for their valuable contributions to advancing knowledge. We are equally indebted to our reviewers, whose expertise, dedication, and time are fundamental to maintaining the journal’s scientific rigor and quality. Finally, we thank our readers for their continued interest, trust, and support throughout 2025.

With this final issue, we close the year with confidence in the strength of our scientific community and look forward to continued collaboration and innovation in the years ahead.

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