

Editorial

Insights into Volume 66, Issue 3, 2025 of the Portuguese Journal of Stomatology, Dental Medicine and Maxillofacial Surgery



Introdução ao Número 3 do Volume 66 de 2025 da Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial

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Dear readers, it is with great pleasure that we welcome Volume 66, Issue 3 of the Portuguese Journal of Stomatology, Dental Medicine and Maxillofacial Surgery (Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial). This issue reflects an important moment for the journal, marked by a significant increase in the number and quality of original research papers submitted by national and international authors. As a result of this growth, this issue is composed exclusively of original research articles – a natural outcome of the scientific contributions received. Volume 66, Issue 3 includes seven original research articles, each addressing relevant clinical and scientific challenges in our field.

The article “Evaluation of the physical properties and bond strength of short fiber-reinforced resin composites”¹ investigates the performance of newly developed fiber-reinforced composites. By comparing their flexural strength, surface roughness, and microtensile bond strength to conventional materials, the authors provide evidence for their suitability in posterior restorations, while cautioning against their use as final restorations due to surface roughness.

In “Effect of brushing with different toothpastes on irradiated enamel roughness and composition: an in vitro study”², the effects of radiotherapy and subsequent toothbrushing are examined. The study shows that irradiation increases enamel roughness and alters mineral composition, with brushing am-

plifying these changes depending on the toothpaste used. These findings have important implications for preventive oral care in oncology patients.

The study “Impact of coffee exposure on the color adjustment potential of universal-shade resin composites: an in vitro study”³ focuses on the esthetic stability of resin composites subjected to coffee immersion. Results reveal that prolonged exposure significantly compromises color harmony, despite improvements observed in distilled water storage, underscoring the influence of dietary habits on restorative materials.

The manuscript “An experience of oral cancer screening in the workplace: a cross-sectional study”⁴ presents a screening initiative among employees of a single institution. Although no malignancies were detected, potentially malignant lesions and relevant risk factors such as smoking and chronic irritation were identified. The study highlights both the feasibility of workplace-based programs and the challenges in achieving high participation rates.

In “Antibiotic prescription habits of Portuguese oral health-care professionals: an exploratory study”⁵, prescribing practices among dentists and stomatologists are assessed. While general compliance with guidelines was observed, variations stood out in antibiotic selection, dosages, and approaches to specific clinical scenarios. The study reinforces the importance

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of continuous education to promote rational antibiotic use and reduce antimicrobial resistance.

The contribution “Oral health practices and determinants among university students: a cross-sectional study”⁶ examines the habits and perceptions of young adults during their academic life. Findings point to increased awareness and some positive behaviors, but also persistent concerns such as low use of dental floss and frequent consumption of sugary foods, calling for targeted health promotion strategies in higher education.

Finally, the article “Quality of life and oral health of people undergoing chemotherapy: an observational study”⁷ provides valuable evidence on the impact of chemotherapy protocols on oral health. The high prevalence of mucositis, ulcers, trismus, and oral pain was shown to compromise quality of life significantly, reinforcing the central role of preventive and supportive oral care in oncology.

Taken together, these articles illustrate the breadth of research currently advancing knowledge in dental medicine and related disciplines, while reaffirming the journal’s mission to foster scientific progress and clinical innovation. The Portuguese Journal of Stomatology, Dental Medicine and Maxillofacial Surgery, with its wide academic visibility and multiple relevant indexations, remains an important forum for sharing scientific work. Researchers are encouraged to consider this platform as a space to disseminate results, foster the exchange of knowledge, and pursue academic recognition within the international scientific community.

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