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# JDSE



## Journal of Dental Sciences and Education



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**Dear Colleagues,**

It is with great pleasure that I welcome you to the first issue of the new year. In this issue, reviews of new developments in the field of dentistry and original researches are included. One of our most important goals is to mediate appropriately the sharing of knowledge and experience among dental professionals, researchers and academicians. In this issue, we share with you six articles covering various topics in dentistry.

The first article of our journal, "A bibliometric analysis of the literature on the use of artificial intelligence in pediatric dentistry" is an original article and the authors aimed to conduct a bibliometric analysis of the scientific literature on the use of artificial intelligence (AI) in pediatric dentistry to evaluate publication trends, citation impact, key contributors, and research themes. The second article "Endodontic treatment procedures applied by endodontists and general dentists in Turkiye: a survey study" is an original article. The authors aimed to determine the use of rubber dams, magnification techniques, working length measurement methods, and preferences for multiple sessions among endodontists and general dental practitioners performing root canal treatment in Turkiye, as well as to evaluate disinfection and obturation protocols.

Artificial intelligence (AI) refers to the creation of computer systems capable of performing tasks that typically necessitate human intelligence. Several dental specializations, such as pediatric dentistry, increasingly utilize artificial intelligence and its components, including machine learning and deep learning. The thirth article, "Utilization of artificial intelligence in pediatric dentistry: a comprehensive literature review" is a review. This article provides an overview of the various applications of AI that are advantageous to pediatric dentistry. The fourth article " Management of surgical treatment with autogenous graft for papilla reconstruction in cases of peri-implant papilla loss: 3-month follow-up" is a case report. This article describes the use of an autogenous de-epithelialized soft tissue graft (SDG) for papilla reconstruction in a patient who was aesthetically dissatisfied due to papilla loss, along with a 3-month follow-up. The fifth article "Aesthetic rehabilitation of a case of polydiastema in the upper anterior region with direct composite restoration using the injection molding technique: case report" is a case report. In this case report, restoration of an anterior polydiastema case with direct flowable composite resin is described. Finally, the sixth article," Lingual frenulum surgery in the treatment of ankyloglossia: case series" is a case report. The aim of this case series is to evaluate the clinical outcomes of lingual frenectomy in two young adult female patients with ankyloglossia and to emphasise the impact of surgical intervention on speech ability, tongue mobility and overall oral function.

I would like to thank the authors, reviewers, editorial team and publisher for their hard work and dedication in bringing this issue to fruition. We look forward to providing you with the latest insights and developments in dentistry, and we welcome your feedback and suggestions.

Sincerely,

Assoc. Prof. Elif Pınar BAKIR, PhD  
Editor-in-Chief

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