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**Dear Colleagues,**

It is with pleasure that I welcome you to the first issue of 2025. In this issue, reviews of new developments, case reports and original research in the field of dentistry are included. One of our most important goals is to mediate 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, 'Evaluation of the frequency of the second mesiobuccal canal and Vertucci classification of the mesiobuccal canals in upper first and second molars in the Turkish subpopulation: a computed tomography study' is an original article and the authors aimed to investigate the presence of the second mesiobuccal (MB2) canal in the mesiobuccal (MB) roots of the upper first and second molars and the MB canal configuration according to the Vertucci classification using cone beam computed tomography (CBCT). The second article "Improving PMMA in prosthodontics: a literature review" is a review. The aim of this review is to explore the advancements in reinforcing PMMA (polymethyl methacrylate) for dental prosthetics by analyzing various modifications. The status of oral dental health is very important in glycaemic control and nutrition of patients with diabetes. Because it is very difficult to regulate blood sugar in a patient who cannot be properly nourished without diet control. For this reason, it is important that diabetic patients are informed about possible oral complications, pay much more attention to oral dental health compared to healthy individuals, and do not neglect dentist controls and treatments. The third article, "Oral complications in diabetes mellitus" is a review. The aim of this review is to provide an overview of these oral complications and the problems they cause. The fourth article "Alveolar ridge augmentation with lateral approach maxillary sinus lifting: a case report" is a case report. The aim of this case was to perform a two-stage lateral approach sinus surgery to create an adequate amount of residual crest for rehabilitation of the severely resorbed posterior maxillary bone and then to allow the use of dental implants of adequate length. The fifth article "Endodontic management of radix entomolaris in mandibular first molar teeth: a case series" is a case report. This case series provides important insights into the clinical management of radix entomolaris (RE) variation based on three cases with RE. Finally, the sixth article, "Endodontic treatment of mandibular premolars with root canal variations: a case series" is a case report. The objective of this study is to provide a comprehensive literature review on mandibular premolar teeth with extra roots and canals, as well as to retrospectively evaluate four cases from shaping to obturation.

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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