

EDITORIAL

Dear Readers;

We are with you again in the 3rd issue of 2024 with interesting studies from different branches.

In this issue, we chose the cover image from İlkgelen and İriboz's study titled "Investigation of the Effect of Sodium Hypochlorite, EDTA, Propolis, Boric Acid and Citric Acid Irrigation Solutions on Push-out Bond Strengths of Root Canal Sealers". In this study, the authors investigated the effect of different canal irrigation solutions, including propolis and boric acid (BA), on the bond strengths of epoxy-resin-based AH Plus and bioceramics-based Bioserra canal sealers on root dentin. After 100 single-root-single-canal extracted human teeth were shaped with a rotary tool, they were divided into 2 groups according to the canal filling material (AH Plus and Bioserra) and each group was divided into 5 subgroups containing 10 samples according to washing solutions (5.25% NaOCl, 17% EDTA, 10% citric acid, 10% BA, 10% propolis). The teeth, of which canals were filled, were incubated at 37 °C for a week and then embedded in acrylic resin. Horizontal sections of 2 mm thickness were taken from the midline of the root of each tooth, and vertical compression force was applied until the connection broke, and bond strength values were calculated. Additionally, the samples were examined with a binocular microscope (the picture reflects this). You can find the details of this study, which we found interesting, in our journal.

Other articles selected by our editorial board are:

1- In the article of Başar et al. titled "Factors Affecting the Attitude of Medical Doctors in Türkiye towards Using Artificial Intelligence Applications in Healthcare Services", the impact of artificial intelligence (AI), which enters our lives every day, on healthcare services, medical doctors' acceptance of AI applications and the factors that determine their intention to use are examined. This research is based on the evaluation of 275 medical doctors in Türkiye. It reveals that trust, perceived usefulness, and perceived ease of use are the main positive factors in the acceptance and use of AI by medical doctors. Ultimately, more knowledge and experience about artificial intelligence will lead to greater trust and ease of use.

2- The article of Yılmaz et al. titled "Comparison of Free Gingival Graft and Modified Apical Repositioned Flap Techniques to Create Attached Gingiva: Long-Term (2 Years) Retrospective Study" compares two methods to protect gum health.

3- In the article of Comba et al. titled "Comparison of the Results of Conventional and Laparoscopic Methods of Lymph Node Dissection Performed in Endometrial Cancer Surgery", it was aimed to determine a current approach to 3-en bloc paraaortic lymphadenectomy and to compare the results of this new approach performed by laparotomy and endoscopically.

4- In the article of Altunova et al. titled "Investigating the Frequency of Stent Fracture and Its Impact on In-Stent Restenosis in Patients Undergoing Coronary Artery Stenting", it was aimed to evaluate the incidence and predictors of carotid artery Xact stent fractures and their impact on in-stent restenosis during long-term follow-up.

The most important problem experienced in peer-reviewed journals today is the difficulty in finding referees to evaluate. We have updated the list and contact information of our referees to reduce these difficulties experienced by our editors. Here, I recommend you, our valued readers, to be on the referee list of our journal. Let's work together to take our Bezmialem Science journal to better places.

I am sure you will find an article related to your own branch in this issue. I would like to thank my assistant editors, our referees, our publishing house for their efforts and our valued readers who constantly support us.

May everything be as you wish,

Kind regards,

Prof. Dr. Adem AKÇAKAYA
Chief Editor