**Effects of Intracanal Medicaments and the Remaining Cavity Wall on Fracture Strength of Endodontically Treated Molars**

Keziban Olcay, DDS, PhD, 1

Ata Nisa Coban, DDS, PhD, 2

Sema Belli, DDS, PhD, 3

1 Assistant Professor, Department of Endodontics, Faculty of Dentistry, Istanbul Medipol University, Istanbul, Turkey. [kolcay@medipol.edu.tr](mailto:kolcay@medipol.edu.tr)

2 Specialist, Private practice, Istanbul, Turkey. [atanisacoban@hotmail.com](mailto:atanisacoban@hotmail.com)

3 Professor, Department of Endodontics, Faculty of Dentistry, Selcuk University, Konya, Turkey. [sbelli@selcuk.edu.tr](mailto:sbelli@selcuk.edu.tr)

**Corresponding Author:** Keziban Olcay

Atatürk Bulvarı, No:27, Department of Endodontics, Faculty of Dentistry, Istanbul Medipol University, Unkapanı, Fatih, Istanbul.

E-mail: [kolcay@medipol.edu.tr](mailto:kolcay@medipol.edu.tr)

Phone: +90 212 453 4800-4958

Fax: +90 332 223 0062

**Suggested Reviewers:**

1- Melek Akman. Associate Professor, Department of Endodontics, Faculty of Dentistry, Necmettin Erbakan University, Konya, Turkey. [makman@konya.edu.tr](mailto:makman@konya.edu.tr)

2- Burak Güneser. Assistant Professor, Department of Endodontics, Faculty of Dentistry, Bezmialem University, Istanbul, Turkey. [bguneser@hotmail.com](mailto:bguneser@hotmail.com)

**Participation of Keziban Olcay:** This author has been involved in the formation of the main idea of ​​the study, performed a part of material methods (performing endodontic treatment of the teeth, applying the intracanal medicaments and temporary restorations), performed the statistical analysis, wrote the article and managed the publishing process.

**Participation of Ata Nisa Coban:** This author performed a part of the material methods (performing fracture strength test).

**Participation of Sema Belli:** This author presented the main idea for the study, performed a part of material methods (performing fracture strength test) and evaluated the manuscript after the article was written.

**Acknowledgments**

This study was performed in the Research Center of Dental Faculty of Selcuk University. The authors thank Dr Serhan Akman for statistical analysis. The authors report no conflicts of interest.