

## CONSORT Randomized Clinical Trial

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[Postoperative Pain Intensity after Single- versus Two-visit Nonsurgical Endodontic Retreatment: A Randomized Clinical Trial](#)

Yelda Erdem Hepsenoglu, Tan F. Eyuboglu, Mutlu Özcan

## Review Article

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[Effect of Preoperative Corticosteroids in Patients with Symptomatic Pulpitis on Postoperative Pain after Single-visit Root Canal Treatment: A Systematic Review and Meta-analysis](#)

Chinni Suneelkumar, Anirudhan Subha, Dorasani Gogala

## Clinical Research

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[Healing of Apical Periodontitis after Nonsurgical Root Canal Treatment: The Role of Statin Intake](#)

Maha Alghofaily, Patricia Tordik, Elaine Romberg, Frederico Martinho, Ashraf F. Fouad

[The Impact of Endodontic Infections on the Pathogenesis of Cardiovascular Disease\(s\): A Systematic Review with Meta-analysis Using GRADE](#)

Anita Aminoshariae, James C. Kulild, Ashraf F. Fouad

## Regenerative Endodontics

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[iMatrix-511 Stimulates the Proliferation and Differentiation of MDPC-23 Cells into Odontoblastlike Phenotype](#)

Jia Tang, Takashi Saito

[The Radiopacity and Antimicrobial Properties of Different Radiopaque Double Antibiotic Pastes Used in Regenerative Endodontics](#)

Rohan Verma, Benjamin I. Fischer, Richard L. Gregory, Ghaeth H. Yassen

## Basic Research

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## Biology

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[Inhibition of \*Enterococcus faecalis\* Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity](#)

Lulu Chen, Xin Li, Xuedong Zhou, Jumei Zeng, Zhi Ren, Lei Lei, Di Kang, Keke Zhang, Jing Zou, Yuqing Li

[Histology of NeoMTA Plus and Quick-Set2 in Contact with Pulp and Periradicular Tissues in a Canine Model](#)  
Ryan M. Walsh, Karl F. Woodmansey, Jianing He, Kathy K. Svoboda, Carolyn M. Primus, Lynne A. Opperman

[C5L2 Silencing in Human Pulp Fibroblasts Enhances Nerve Outgrowth Under Lipoteichoic Acid Stimulation](#)  
Fanny Chmilewsky, Imad About, Lyndon F. Cooper, Seung H. Chung

## Technology

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[Impact of Access Cavity Design and Root Canal Taper on Fracture Resistance of Endodontically Treated Teeth: An Ex Vivo Investigation](#)

Mohammad Sabeti, Majid Kazem, Omid Dianat, Nazanin Bahrololumi, Amirreza Beglou, Kasra Rahimpour, Farshad Dehnavi

[In Vitro Comparative Study of the Influence of Instrument Taper on the Fracture Resistance of Endodontically Treated Teeth: An Integrative Approach-based Analysis](#)

Eleni Krikeli, Georgios Mikrogeorgis, Kleoniki Lyroudia

[Vertical Force Induced with WaveOne and WaveOne Gold Systems during Canal Shaping](#)

Ahmed Jamleh, Abdulmohsen Alfadley, Khalid Alfouzan

[Influence of Access Cavity Preparation and Remaining Tooth Substance on Fracture Strength of Endodontically Treated Teeth](#)

Giacomo Corsentino, Eugenio Pedullà, Laura Castelli, Marzia Liguori, Valentina Spicciarelli, Marco Martignoni, Marco Ferrari, Simone Grandini

[Cyclic Fatigue Resistance of Novel Glide Path Instruments with Different Alloy Properties and Kinematics](#)

Burcu Serefoglu, Mehmet Emin Kaval, Seniha Micoogullari Kurt, Mehmet Kemal Çalışkan

[Canal Transportation, Centering Ability, and Cyclic Fatigue Promoted by Twisted File Adaptive and Navigator EVO Instruments at Different Motions](#)

Pedro Marks Duarte, Paula Barcellos da Silva, Murilo Priori Alcalde, Rodrigo Ricci Vivan, Ricardo Abreu da Rosa, Marco Antonio Húngaro Duarte, Marcus Vinicius Reis Só

[Canal Transportation and Centering Ability of WaveOne Gold in Combination with and without Different Glide Path Techniques](#)

Martin Vorster, Peet J. van der Vyver, Farzana Paleker

[Diameter and Taper Variability of Single-file Instrumentation Systems and Their Corresponding Gutta-percha Cones](#)

Franziska Haupt, Miriam Seidel, Marta Rizk, Hans-Georg Sydow, Annette Wiegand, Tina Rödiger

## Case Report/Clinical Techniques

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[Amaurosis, an Unusual Complication Secondary to Inferior Alveolar Nerve Anesthesia: A Case Report and Literature Review](#)

Rahul Pandey, Nivedita Dixit, Kuldeep K. Dixit, Sonali Roy, Chakshu Gaba