

Editorial

[Insights into the March 2020 Issue of the *Journal of Endodontics*](#)

Amir Azarpazhooh, Anibal R. Diogenes, Ashraf F. Fouad, Gerald N. Glickman, Mo K. Kang, Anil Kishen, Linda Levin, Robert S. Roda, Christine M. Sedgley, Franklin R. Tay, Kenneth M. Hargreaves

Clinical Research

[Retrospective Analysis of Root-end Microsurgery Outcomes in a Postgraduate Program in Endodontics Using Calcium Silicate-based Cements as Root-end Filling Materials](#)

Stephanie Chan, Gerald N. Glickman, Karl F. Woodmansey, Jianing He

[Comparison of iRoot BP Plus and Calcium Hydroxide as Pulpotomy Materials in Permanent Incisors with Complicated Crown Fractures: A Retrospective Study](#)

Qian Rao, Jin Kuang, Chuanxia Mao, Jing Dai, Linying Hu, Zhiyun Lei, Guangtai Song, Guohua Yuan

[Effect of Aging and Carotid Atherosclerosis on Multifractality of Dental Pulp Blood Flow Oscillations](#)

Bojan Dzeletovic, Nikola Aleksic, Djordje Radak, Djordje Stratimirovic, Ljiljana Djukic, Dragica Stojic

[Comparison of Pulp Sensibility Tests Responses in Type 2 Diabetes Patients and Healthy Individuals](#)

Mahzad Tavakolinejad Kermani, Mojgan Sanjari, Nouzar Nakhaei, Masoud Parirokh, Paul Abbott

[Survival of Replanted Permanent Teeth after Traumatic Avulsion](#)

Sylvia Cury Coste, Eduardo Fernandes e Silva, Letícia Canhestro Machado Santos, Daniela Augusta Barbato Ferreira, Maria Ilma de Souza Côrtes, Enrico Antônio Colosimo, Juliana Vilela Bastos

[Effect of Repairing Endodontic Access Cavities on Survival of Single Crowns and Retainer Restorations](#)

Annette Wiegand, Philipp Kanzow

[Long-term Pulpal and Restorative Outcomes of Pulpotomy in Mature Permanent Teeth](#)

Shao Yong Tan, Victoria Soo Hoon Yu, Kian Chong Lim, Beng Choon Keson Tan, Chiew Lian Jennifer Neo, Liang Shen, Harold Henry Messer

[Current Trends in Use and Reuse of Nickel-Titanium Engine-driven Instruments: A Survey of Endodontists in the United States](#)

John Logsdon, Craig Dunlap, Ana Arias, Raymond Scott, Ove A. Peters

[Associations between Periapical Health of Maxillary Molars and Mucosal Thickening of Maxillary Sinuses in Cone-beam Computed Tomographic Images: A Retrospective Study](#)

Merve Sakir, Sebnem Ercalik Yalcinkaya

Regenerative Endodontics

[Contribution of Bone Marrow-derived Cells to Reparative Dentinogenesis Using Bone Marrow Transplantation Model](#)

Marcos Frozoni, Marcelo Rocha Marques, Silvia Kaoru Hamasaki, Nelson Tsutomu Mohara, Adriana de Jesus Soares, Alexandre Augusto Zaia

[Prostaglandin E₂ Affects Interleukin 6 and Monocyte Chemoattractant Protein 1/CCL2 Production by Cultured Stem Cells of Apical Papilla](#)

Claudia Caroline Bosio Meneses, Lais Nicolay Pizzatto, Fernanda Fachini Feres Andrade, Carla Renata Sipert

Basic Research

Technology

[The Effects of Different Endodontic Access Cavity Design and Using XP-endo Finisher on the Reduction of *Enterococcus faecalis* in the Root Canal System](#)

Pelin Tüfenkçi, Koray Yılmaz

[Tube Technique with Light-curing Composite for Removing Fractured Root Canal Instruments: Influence of Polymerization Cycles and Mechanical Exposure](#)

Marius Brühl, Kent Urban, David Donnermeyer, Edgar Schäfer, Sebastian Bürklein

[Cyclic Fatigue Resistance of Nickel-titanium Rotary Instruments according to the Angle of File Access and Radius of Root Canal](#)

Eugenio Pedullà, Giusy Rita Maria La Rosa, Chiara Virgillito, Ernesto Rapisarda, Hyeon-Cheol Kim, Luigi Generali

[Cone-Beam Computed Tomographic Analysis of Shaping Ability of XP-endo Shaper and ProTaper Next in Large Canals](#)

Burçin Arıcan Öztürk, Ayfer Atav Ateş, Erdoğan Fişekçioğlu

Case Report/Clinical Techniques

[Endodontic Peri-implant Defects: A New Disease Entity](#)

Diane Daubert, Rachel M. Black, Vanessa Chrepa, Georgios A. Kotsakis