

CONSORT Randomized Clinical Trial

[Efficacy of Articaine Versus Lidocaine Administered as Supplementary Intraligamentary Injection after a Failed Inferior Alveolar Nerve Block: A Randomized Double-blind Study](#)

Vivek Aggarwal, Mamta Singla, Sanjay Miglani, Sarita Kohli

Review Article

[Outcome of Crown and Root Resection: A Systematic Review and Meta-analysis of the Literature](#)

Frank C. Setzer, Haochang Shou, Pacharee Kulwattanaporn, Meetu R. Kohli, Bekir Karabucak

[Efficacy of Autologous Platelet Concentrates in Regenerative Endodontic Treatment: A Systematic Review of Human Studies](#)

Joanna Metlerska, Irini Fagogeni, Alicja Nowicka

[Ultrasonic Irrigant Activation during Root Canal Treatment: A Systematic Review](#)

Petruța E. Căpută, Anastasios Retsas, Lydwien Kuijk, Luis E. Chávez de Paz, Christos Boutsoukis

Regenerative Endodontics

[Biomimetic Conditioning of Human Dentin Using Citric Acid](#)

Anja Ivica, Matthias Zehnder, José M. Mateos, Chafik Ghayor, Franz E. Weber

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Basic Research

Biology

[Comparative Biocompatibility and Osteogenic Potential of Two Bioceramic Sealers](#)

Christin Michelle Giacomino, James A. Wealleans, Natalia Kuhn, Anibal Diogenes

Technology

[The Effect of Heating to Intra canal Temperature on the Stability of Sodium Hypochlorite Admixed with Etidronate or EDTA for Continuous Chelation](#)

Patricia P. Wright, Bill Kahler, Laurence J. Walsh

[Root Canal Shaping Using Nickel Titanium, M-Wire, and Gold Wire: A Micro-computed Tomographic Comparative Study of One Shape, ProTaper Next, and WaveOne Gold Instruments in Maxillary First Molars](#)

Peet J. van der Vyver, Farzana Paleker, Martin Vorster, Francois A. de Wet

[Effect of Different Speeds of Up-and-down Motion on Canal Centering Ability and Vertical Force and Torque Generation of Nickel-titanium Rotary Instruments](#)

Keiichiro Maki, Arata Ebihara, Shunsuke Kimura, Miki Nishijo, Daisuke Tokita, Takashi Okiji

[Anti-inflammatory and Osteogenic Effects of Calcium Silicate-based Root Canal Sealers](#)

Bin-Na Lee, Ji-Uk Hong, Se-Min Kim, Ji-Hyun Jang, Hoon-Sang Chang, Yun-Chan Hwang, In-Nam Hwang, Won-Mann Oh

Case Report/Clinical Techniques

[Ludwig Angina after First Aid Treatment: Possible Etiologies and Prevention—Case Report](#)

Avi Shemesh, Avraham Yitzhak, Joe Ben Itzhak, Hadas Azizi, Michael Solomonov