

CONSORT Randomized Clinical Trial

Comparative Evaluation of Platelet-rich Fibrin and Mineral Trioxide Aggregate as Pulpotomy Agents in Permanent Teeth with Incomplete Root Development: A Randomized Controlled Trial

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Clinical Research

Traumatized Immature Teeth Treated with 2 Protocols of Pulp Revascularization

Juliana Yuri Nagata, Brenda Paula Figueiredo de Almeida Gomes, Thiago Farias Rocha Lima, Lia Saori Murakami, Danielle Elaine de Faria, Gabriel Rocha Campos, Francisco José de Souza-Filho, Adriana de Jesus Soares

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Current Trends in Endodontic Treatment by General Dental Practitioners: Report of a United States National Survey

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Clinical Comparison of the Effectiveness of Single-file Reciprocating Systems and Rotary Systems for Removal of Endotoxins and Cultivable Bacteria from Primarily Infected Root Canals

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Lin Yang, Xinyu Chen, Cheng Tian, Ting Han, Yan Wang

Evaluation of Root and Canal Morphology of Maxillary Permanent First Molars in a North American Population by Cone-beam Computed Tomography

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Basic Research

Biology

[Mineral Trioxide Aggregate Promotes the Odonto/Osteogenic Differentiation and Dentinogenesis of Stem Cells from Apical Papilla via Nuclear Factor Kappa B Signaling Pathway](#)

Ming Yan, Jintao Wu, Yan Yu, Yanping Wang, Lizhe Xie, Guangdong Zhang, Jinhua Yu, Chengfei Zhang

[Effect of Endodontic Cement on Bone Mineral Density Using Serial Dual-energy X-ray Absorptiometry](#)

Mohammad Ali Saghiri, Jafar Orangi, Nader Tanideh, Kamal Janghorban, Nader Sheibani

[Tooth Storage, Dental Pulp Stem Cell Isolation, and Clinical Scale Expansion without Animal Serum](#)

Emily J. Eubanks, Susan A. Tarle, Darnell Kaigler

[MMP9 Deficiency Increased the Size of Experimentally Induced Apical Periodontitis](#)

Chunyan Wan, Guohua Yuan, Jingwen Yang, Qin Sun, Li Zhang, Jie Zhang, Lu Zhang, Zhi Chen

[Histologic and Micro-Computed Tomographic Analyses of Replanted Teeth Stored in Different Kind of Media](#)

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[New Bacterial Composition in Primary and Persistent/Secondary Endodontic Infections with Respect to Clinical and Radiographic Findings](#)

Christian Tennert, Maximilian Fuhrmann, Annette Wittmer, Lamprini Karygianni, Markus J. Altenburger, Klaus Pelz, Elmar Hellwig, Ali Al-Ahmad

[Intracanal Delivery of Resolvin E1 Controls Inflammation in Necrotic Immature Rat Teeth](#)

Roberta Kochenborger Scarparo, Lenara Dondoni, Daiana Elisabeth Böttcher, Fabiana Soares Grecca, Jose Antonio P. Figueiredo, Alpdogan Kantarci, Thomas E. Van Dyke, Eraldo Luiz Batista

Technology

[Direct Effect of Endodontic Sealers on Trigeminal Neuronal Activity](#)

Nikita B. Ruparel, Shivani B. Ruparel, Paul B. Chen, Blake Ishikawa, Anibal Diogenes

[Apical Root Canal Transportation and Remaining Dentin Thickness Associated with ProTaper Universal with and without PathFile](#)

Fabiane Zanette, Renata Grazziotin-Soares, Mateus Ericson Flores, Vania Regina Camargo Fontanella, Giulio Gavini, Fernando Branco Barletta

[Accuracy and Reliability of Working Length Determination by Gold Reciproc Motor in Reciprocating Movement](#)

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[Analysis of the Width of Vertical Root Fracture in Endodontically Treated Teeth by 2 Micro–Computed Tomography Systems](#)

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[Bioactive Chitosan Nanoparticles and Photodynamic Therapy Inhibit Collagen Degradation *In Vitro*](#)

Anousheh Persadmehr, Calvin D. Torneck, Dennis G. Cvitkovitch, Vanessa Pinto, Ilana Talior, Mwayi Kazembe, Suja Shrestha, Christopher A. McCulloch, Anil Kishen

[Micro–Computed Tomographic Analysis of the Root Canal Morphology of Mandibular Incisors](#)

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[Influence of Single-file Endodontics on Apical Transportation in Curved Root Canals: An *Ex Vivo* Micro–Computed Tomographic Study](#)

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[Shrinkage of Backfill Gutta-percha upon Cooling](#)

Silvio Lottanti, Tobias T. Tauböck, Matthias Zehnder

Case Report/Clinical Techniques

[Management of 2 Teeth Diagnosed with Dens Invaginatus with Regenerative Endodontics and Apexification in the Same Patient: A Case Report and Review](#)

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