

CONSORT Randomized Clinical Trial

[Maintaining Apical Patency Does Not Increase Postoperative Pain in Molars with Necrotic Pulp and Apical Periodontitis: A Randomized Controlled Trial](#)

Ibrahim Ethem Yaylali, Safa Kurnaz, Yasar Meric Tunca

[Outcomes of Direct Pulp Capping by Using Either ProRoot Mineral Trioxide Aggregate or Biodentine in Permanent Teeth with Carious Pulp Exposure in 6- to 18-Year-Old Patients: A Randomized Controlled Trial](#)

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[Effects of Various Cryotherapy Applications on Postoperative Pain in Molar Teeth with Symptomatic Apical Periodontitis: A Preliminary Randomized Prospective Clinical Trial](#)

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Review Article

[Association between Apical Periodontitis and Interleukin Gene Polymorphisms: A Systematic Review and Meta-analysis](#)

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[The Post-endodontic Adhesive Interface: Theoretical Perspectives and Potential Flaws](#)

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[Microbial Analysis of Endodontic Infections in Root-filled Teeth with Apical Periodontitis before and after Irrigation Using Pyrosequencing](#)

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[Efficacy of Ultrasound Doppler Flowmetry in Assessing Pulp Vitality of Traumatized Teeth: A Propensity Score Matching Analysis](#)

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[Anesthetic Efficacy of Gow-Gates Nerve Block, Inferior Alveolar Nerve Block, and Their Combination in Mandibular Molars with Symptomatic Irreversible Pulpitis: A Prospective, Randomized Clinical Trial](#)

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[Prevalence and Size of Periapical Radiolucencies Using Cone-beam Computed Tomography in Teeth without Apparent Intraoral Radiographic Lesions: A New Periapical Index with a Clinical Recommendation](#)

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[Long-term Prognosis of Pulpal Status of Traumatized Teeth Exhibiting Contradictory Results between Pulp Sensibility Test and Ultrasound Doppler Flowmetry: A Retrospective Study](#)

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Domenico Ricucci, Simona Loghin, Lucio S. Gonçalves, Isabela N. Rôças, José F. Siqueira Jr.

Regenerative Endodontics

[Influence of Apical Diameter on the Outcome of Regenerative Endodontic Treatment in Teeth with Pulp Necrosis: A Review](#)

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[Orthodontic Movement after Regenerative Endodontic Procedure: Case Report and Long-term Observations](#)

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[Required Time for Migration of Bone Marrow–derived Cells to Dental Pulp after Bone Marrow Transplantation](#)

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[Evaluation of Biocompatibility and Osteogenic Potential of Tricalcium Silicate–based Cements Using Human Bone Marrow–derived Mesenchymal Stem Cells](#)

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[Effect of Different Treatment Options on Biomechanics of Immature Teeth: A Finite Element Stress Analysis Study](#)

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[Evaluation of 3 Different Retreatment Techniques in Maxillary Molar Teeth by Using Micro–computed Tomography](#)

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[Percentage of Gutta-percha-filled Areas in Canals Obturated by 3 Different Techniques with and without the Use of Endodontic Sealer](#)

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[Healing of Periapical Lesions after Endodontic Treatment with the GentleWave Procedure: A Prospective Multicenter Clinical Study](#)

Asgeir Sigurdsson, Randy W. Garland, Khang T. Le, Shahriar A. Rassoulian