

## CONSORT Randomized Clinical Trial

---

[What Is the Outcome of an Incision and Drainage Procedure in Endodontic Patients? A Prospective, Randomized, Single-blind Study](#)

Hannah Beus, Sara Fowler, Melissa Drum, Al Reader, John Nusstein, Mike Beck, Courtney Jatana

[Anesthetic Efficacy of Supine and Upright Positions for the Inferior Alveolar Nerve Block: A Prospective, Randomized Study](#)

Chase Crowley, Melissa Drum, Al Reader, John Nusstein, Sara Fowler, Mike Beck

## Review Article

---

[Persistent Dentoalveolar Pain Disorder: A Comprehensive Review](#)

Alberto Malacarne, Egilius L.H. Spierings, Chao Lu, George E. Maloney

[“Ferrule Comes First. Post Is Second!” Fake News and Alternative Facts? A Systematic Review](#)

Michael Naumann, Marc Schmitter, Roland Frankenberger, Gabriel Krastl

## Clinical Research

---

[Survival Rates of Teeth with Primary Endodontic Treatment after Core/Post and Crown Placement](#)

Kandace Yee, Pradeep Bhagavatula, Sheila Stover, Frederick Eichmiller, Lance Hashimoto, Scott MacDonald, Gordon Barkley III

[Long-term Evaluation of Treatment Planning Decisions for Nonhealing Endodontic Cases by Different Groups of Practitioners](#)

Lorel E. Burns, Luz Desiree Visbal, Meetu R. Kohli, Bekir Karabucak, Frank C. Setzer

[Survival Rates from Fracture of Endodontically Treated Premolars Restored with Full-coverage Crowns or Direct Resin Composite Restorations: A Retrospective Study](#)

Warattama Suksaphar, Danuchit Banomyong, Titalee Jirathyanatt, Yaowaluk Ngoenwiwatkul

[Impact of Cone-beam Computed Tomography on Treatment Planning for External Cervical Resorption and a Novel Axial Slice-based Classification System](#)

Kurt B. Goodell, Pete Mines, Daniel D. Kersten

## Regenerative Endodontics

---

[Management of Intruded Immature Maxillary Central Incisor with Pulp Necrosis and Severe External Resorption by Regenerative Approach](#)

Giorgos N. Tzanetakis

[Regenerative Endodontic Procedures among Endodontists: A Web-based Survey](#)

Jonathan Y. Lee, Daniel D. Kersten, Pete Mines, Thomas A. Beltran

[EDTA Treatment for Sodium Hypochlorite-treated Dentin Recovers Disturbed Attachment and Induces Differentiation of Mouse Dental Papilla Cells](#)

Kentaro Hashimoto, Nobuyuki Kawashima, Shizuko Ichinose, Keisuke Nara, Sonoko Noda, Takashi Okiji

[The Effects of Irrigants on the Survival of Human Stem Cells of the Apical Papilla, Including Endocyn](#)

Mark B. Scott II, Gregory S. Zilinski, Timothy C. Kirkpatrick, Van T. Himel, Kent A. Sabey, Thomas E. Lallier

## Basic Research

---

### Biology

---

[Association between Extracellular Material and Biofilm Formation in Response to Sodium Hypochlorite by Clinical Isolates of \*Enterococcus faecalis\*](#)

Austin Yoo, Giampiero Rossi-Fedele, Stephen P. Kidd, Anthony H. Rogers, Peter S. Zilm

### Technology

---

[Does the Orifice-directed Dentin Conservation Access Design Debride Pulp Chamber and Mesial Root Canal Systems of Mandibular Molars Similar to a Traditional Access Design?](#)

Prasanna Neelakantan, Khadija Khan, Geoffrey Pak Hei Ng, Chui Ying Yip, ChengFei Zhang, Gary Shun Pan Cheung  
[Influence of Mixed Additives on the Physicochemical Properties of a 5.25% Sodium Hypochlorite Solution: An Unsupervised Multivariate Statistical Approach](#)

Oana Dragan, Ioan Tomuta, Dorina Casoni, Costel Sarbu, Radu Campian, Tiberiu Frentiu

[Influence of Cervical Preflaring on the Incidence of Root Dentin Defects](#)

Álvaro Henrique Borges, Monique Sobral Damião, Thiago Machado Pereira, Gilberto Siebert Filho, Fabio Luis Miranda-Pedro, Wellington Luiz de Oliveira da Rosa, Evandro Piva, Orlando Aguirre Guedes

[Validation of Biofilm Assays to Assess Antibiofilm Efficacy in Instrumented Root Canals after Syringe Irrigation and Sonic Agitation](#)

Anil Kishen, Annie Shrestha, Aldo Del Carpio-Perochena

[Removal of Root Canal Fillings in Curved Canals Using Either Mani GPR or HyFlex NT Followed by Passive Ultrasonic Irrigation](#)

Stephanie B. Silveira, Flávio R.F. Alves, Marília F. Marceliano-Alves, Júlio César N. Sousa, Victor T.L. Vieira, José F. Siqueira Jr., Hélio P. Lopes, José C. Provenzano

## Case Report/Clinical Techniques

---

[Fractographic Analysis of a Split Tooth Presenting Radiographically as a Horizontal Root Fracture in an Unrestored Mandibular Second Molar](#)

Unni Krishnan, Alex Moule, Shaji Michael, Michael Swain