

## Editorial

---

### [Insights into the October 2019 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

## Systematic Review

---

### [Anesthetic Efficacy of Gow-Gates, Vazirani-Akinosi, and Mental Incisive Nerve Blocks for Treatment of Symptomatic Irreversible Pulpitis: A Systematic Review and Meta-analysis with Trial Sequential Analysis](#)

Venkateshbabu Nagendrababu, Hany Mohamed Aly Ahmed, Shaju Jacob Pulikkotil, Sajesh K. Veettil, Lalli Dharmarajan, Frank C. Setzer

## Clinical Research

---

### [Ultrasound Examination to Visualize and Trace Sinus Tracts of Endodontic Origin](#)

Elisabetta Cotti, Davide Musu, Alessandro Goddi, Claudia Dettori, Girolamo Campisi, Hagay Shemesh

### [The 5-Year Survival Rate of Nonsurgical Endodontic Treatment: A Population-based Cohort Study in Korea](#)

Youngjun Kwak, Jungkyu Choi, Kiyool Kim, Su-Jung Shin, Sunil Kim, Euseong Kim

### [Differences in Inflammation and Bone Resorption between Apical Granulomas, Radicular Cysts, and Dentigerous Cysts](#)

Manuel Weber, Jutta Ries, Maike Büttner-Herold, Carol-Immanuel Geppert, Marco Kesting, Falk Wehrhan

### [Analysis of Fused Rooted Maxillary First and Second Molars with Merged and C-shaped Canal Configurations: Prevalence, Characteristics, and Correlations in a Saudi Arabian Population](#)

Mohammed Mashyakhy, Hemant Ramesh Chourasia, Ahmad Jabali, Abdulmajeed Almutairi, Gianluca Gambarini

## Regenerative Endodontics

---

### [Cervical Level Biological Repair of the Access Opening after Regenerative Endodontic Procedures: Three Cases with the Same Repair Pattern](#)

Antonis Chaniotis, Xenos Petridis

## Basic Research

---

## Biology

---

### [Vasoactive Intestinal Peptide Immunoregulatory Role at the Periapex: Associative and Mechanistic Evidences from Human and Experimental Periapical Lesions](#)

Michelle de Campos Soriani Azevedo, Thiago Pompermaier Garlet, Carolina Favaro Francisconi, Priscila Maria Colavite, André Petenuci Tabanez, Jessica Lima Melchiades, Ana Paula Favaro Trombone, Charles Sfeir, Steven Little, Renato Menezes Silva, Gustavo Pompermaier Garlet

## Technology

---

### [Comparison of Cyclic Fatigue Resistance of 5 Heat-treated Nickel-titanium Reciprocating Systems in Canals with Single and Double Curvatures](#)

Mohammad I. Al-Obaida, Khalid Merdad, Mohammed S. Alanazi, Hesham Altwaijry, Mohammad AlFaraj, Ali A. Alkhamis, Ebtissam M. Al-Madi

### [Canal Transportation and Centering Ability in Long Oval Canals: A Multidimensional Analysis](#)

Tousif Iqbal Nathani, Aatif Iqbal Nathani, Ajinkya M. Pawar, Moez Ismail Khakiani, Xavier-Fructuós Ruiz, Juan Gonzalo Olivieri

### [Evaluation of Physicochemical Properties of a New Calcium Silicate-based Sealer, Bio-C Sealer](#)

Cristiane Lopes Zordan-Bronzel, Fernanda Ferrari Esteves Torres, Mario Tanomaru-Filho, Gisselle Moraima Chávez-Andrade, Roberta Bosso-Martelo, Juliane Maria Guerreiro-Tanomaru

### [Torsional Resistance of ProGlider, Hyflex EDM, and One G Glide Path Instruments](#)

Uğur İnan, Cangül Keskin

### [Root Canal Preparation Does Not Induce Dentinal Microcracks \*In Vivo\*](#)

Angambakkam Rajasekaran PradeepKumar, Hagay Shemesh, Durvasulu Archana, Marco A. Versiani, Manoel D. Sousa-Neto, Graziela B. Leoni, Yara T.C. Silva-Sousa, Anil Kishen

## Case Report/Clinical Techniques

---

### [Opioid-prescribing Habits of Practitioner and Educator Members of the American Association of Endodontists: Report of a National Survey](#)

Maha Alghofaily, Elaine Romberg, Sara Aldahmash, Patricia A. Tordik