



Issue Information

[Issue Information](#)

Pages: 587 | First Published: 11 April 2020

Editorial

[Preferred Reporting Items for study Designs in Endodontology \(PRIDE\): guiding authors to identify and correct reporting deficiencies in their manuscripts prior to peer review](#)

V. Nagendrababu, A. Kishen, B. S. Chong, E. Priya, H. F. Duncan, I. N. Rôças, J. Jayaraman, J. A. P. de Figueiredo, J. F. Siqueira Jr., L. Bjørndal, M. H. Nekoofar, O. A. Peters, P. McCabe, P. E. Murray, P. K. Shah, R. Ordinola-Zapata, S. J. Pulikkotil, T. Kvist, P. M. H. Dummer

Pages: 589-590 | First Published: 11 April 2020

Clinical Research

[Immediate clinical and microbiological evaluation of the effectiveness of 0.5% versus 3% sodium hypochlorite in root canal treatment: A quasi-randomized controlled trial](#)

C. Ulin, M. Magunacelaya-Barria, G. Dahlén, T. Kvist

Pages: 591-603 | First Published: 06 December 2019

[Efficacy of reciprocating and ultrasonic activation of 6% sodium hypochlorite in the reduction of microbial content and virulence factors in teeth with primary endodontic infection](#)

E. Aveiro, V. M. Chiarelli-Neto, A. de-Jesus-Soares, A. A. Zaia, C. C. R. Ferraz, J. F. A. Almeida, M. A. Marciano, M. Feres, B. P. F. A. Gomes

Pages: 604-618 | First Published: 26 December 2019

Review Article

PRICE 2020 guidelines for reporting case reports in Endodontics: a consensus-based development

V. Nagendrababu, B. S. Chong, P. McCabe, P. K. Shah, E. Priya, J. Jayaraman, S. J. Pulikkotil, F. C. Setzer, P. T. Sunde, P. M. H. Dummer

Pages: 619-626 | First Published: 23 February 2020

Basic Research – Biological

Immunophenotypic quantification of M1 and M2 macrophage polarization in radicular cysts of primary and permanent teeth

A. S. Bertasso, J. E. León, R. A. B. Silva, L. A. B. Silva, A. M. de Queiroz, C. M. Pucinelli, P. C. Romualdo, P. Nelson-Filho

Pages: 627-635 | First Published: 17 December 2019

Hypoxia-inducible factor 1 α promotes interleukin 1 β and tumour necrosis factor α expression in lipopolysaccharide-stimulated human dental pulp cells

M. Fujii, N. Kawashima, K. Tazawa, K. Hashimoto, K. Nara, S. Noda, S. Nagai, T. Okiji

Pages: 636-646 | First Published: 07 January 2020

Effects of transforming growth factor- β 1 on plasminogen activation in stem cells from the apical papilla: role of activating receptor-like kinase 5/Smad2 and mitogen-activated protein kinase kinase (MEK)/extracellular signal-regulated kinase (ERK) signalling

M. C. Chang, H. H. Chang, W. C. Hsieh, W. L. Huang, Y. C. Lian, P. Y. Jeng, Y. L. Wang, S. Y. Yeung, J. H. Jeng

Pages: 647-659 | First Published: 18 January 2020

Basic Research – Technical

Palatogingival groove and root canal instrumentation

T. N. Pinheiro, L. T. A. Cintra, M. M. Azuma, F. Benetti, C. C. Silva, A. Consolaro

Pages: 660-670 | First Published: 06 December 2019

Positive and negative pressure irrigation in oval root canals with apical ramifications: a computational fluid dynamics evaluation in micro-CT scanned real teeth

G. Loroño, J. R. Zaldivar, A. Arias, R. Cisneros, S. Dorado, J. R. Jimenez-Octavio

Pages: 671-679 | First Published: 09 December 2019

Evaluation of artificial intelligence for detecting periapical pathosis on cone-beam computed tomography scans

K. Orhan, I. S. Bayrakdar, M. Ezhov, A. Kravtsov, T. Özyürek

Pages: 680-689 | First Published: 10 January 2020

[Physico-chemical investigation of endodontic sealers exposed to simulated intracanal heat application: epoxy resins and zinc oxide–eugenols](#)

D. Donnermeyer, K. Urban, S. Bürklein, E. Schäfer

Pages: 690-697 | First Published: 18 January 2020

[Real-time chemical analysis of root filling materials with heating: guidelines for safe temperature levels](#)

A. R. Atmeh, M. Hadis, J. Camilleri

Pages: 698-708 | First Published: 18 January 2020

[Using Meglumine Diatrizoate to improve the accuracy of diagnosis of cracked teeth on Cone-beam CT images](#)

M. Yuan, A. T. Gao, T. M. Wang, J. H. Liang, G. B. Aihemati, Y. Cao, X. Xie, L. Y. Miao, Z. T. Lin

Pages: 709-714 | First Published: 27 January 2020

Clinical Techniques and Case Reports

[Targeted endodontic microsurgery and endodontic microsurgery: a surgical simulation comparison](#)

T. K. Hawkins, J. A. Wealleans, A. M. Pratt, J. J. Ray

Pages: 715-722 | First Published: 01 November 2019

Letter to the Editor

[COVID-19: its impact on dental schools in Italy, clinical problems in endodontic therapy and general considerations](#)

C. Prati, G. A. Pelliccioni, V. Sambri, S. Chersoni, M. G. Gandolfi

Pages: 723-725 | First Published: 11 April 2020

Obituary

[Göran Sundqvist \(1937–2020\)](#)

D. Figdor, U. Sjögren

Pages: 726-727 | First Published: 11 April 2020