



International Endodontic Journal
[Volume 52, Issue 6](#)

Pages: 747-919

June 2019

Issue Information

Issue Information

Pages: 747 | First Published: 10 May 2019

Clinical Research

Partial pulpotomy with two bioactive cements in permanent teeth of 6- to 18-year-old patients with signs and symptoms indicative of irreversible pulpitis: a noninferiority randomized controlled trial

N. Uesrichai, A. Nirunsittirat, P. Chuveera, T. Srisuwan, T. Sastraruji, P. Chompu-inwai
Pages: 749-759 | First Published: 14 January 2019

Review Articles

Photodynamic therapy in endodontics

G. Plotino, N. M. Grande, M. Mercade
Pages: 760-774 | First Published: 12 December 2018

Guidelines for reporting the quality of clinical case reports in Endodontics: a development protocol

V. Nagendrababu, B. S. Chong, P. McCabe, P. K. Shah, E. Priya, J. Jayaraman, S. J. Pulikkotil, P. M. H. Dummer
Pages: 775-778 | First Published: 26 December 2018

Efficacy of local anaesthetic solutions on the success of inferior alveolar nerve block in patients with irreversible pulpitis: a systematic review and network meta-analysis of randomized clinical trials

V. Nagendrababu, S. J. Pulikkotil, A. Suresh, S. K. Veettil, S. Bhatia, F. C. Setzer
Pages: 779-789 | First Published: 14 January 2019

Endodontics and diabetes: association versus causation

J. J. Segura-Egea, D. Cabanillas-Balsera, M. C. Jiménez-Sánchez, J. Martín-González
Pages: 790-802 | First Published: 22 January 2019

The top 50 most-cited articles published in the International Endodontic Journal

P. Ahmad, P. M. H. Dummer, T. Y. Noorani, J. A. Asif
Pages: 803-818 | First Published: 22 January 2019

Basic Research - Biological

A biological study of supernumerary teeth derived dental pulp stem cells based on RNA-seq analysis

X. Lu, S-F. Liu, H-H. Wang, F. Yu, J-J. Liu, Y-M. Zhao, S-L. Zhao
Pages: 819-828 | First Published: 19 December 2018

Heparin is biocompatible and can induce differentiation of human dental pulp cells

E. M. Rodrigues, A. L. G. Cornélio, P. H. Godoi, P. I. da Costa, C. Rossa-Junior, G. Faria, J. M. Guerreiro Tanomaru, M. Tanomaru-Filho
Pages: 829-837 | First Published: 18 December 2018

Effect of dentine conditioning with phytic acid or etidronic acid on growth factor release, dental pulp stem cell migration and viability

D. Deniz Sungur, H. Aksel, S. Ozturk, Z. Yılmaz, K. Ulubayram
Pages: 838-846 | First Published: 26 December 2018

Basic Research - Technical

The ability of three nickel–titanium mechanized systems to negotiate and shape MB2 canals in extracted maxillary first molars: a micro-computed tomographic study

E. J. Camargo, M. A. H. Duarte, V. A. S. Marques, M. V. R. Só, J. A. Duque, M. P. Alcalde, R. R. Vivan
Pages: 847-856 | First Published: 12 December 2018

Root dentinal microcracks: a post-extraction experimental phenomenon?

G. De-Deus, D. M. Cavalcante, F. G. Belladonna, J. Carvalhal, E. M. Souza, R. T. Lopes, M. A. Versiani, E. J. N. L. Silva, P. M. H. Dummer
Pages: 857-865 | First Published: 14 December 2018

Diagnosis of external root resorption in teeth close and distant to zirconium implants: influence of acquisition parameters and artefacts produced during cone beam computed tomography

D. Q. Freitas, E. H. L. Nascimento, T. V. Vasconcelos, M. Noujeim
Pages: 866-873 | First Published: 26 December 2018

Torsional fatigue resistance of R-Pilot and WaveOne Gold Glider NiTi glide path reciprocating systems

C. B. Santos, M. Simões-Carvalho, R. Perez, V. T. L. Vieira, H. S. Antunes, D. F. Cavalcante, G. De-Deus, E. J. N. L. Silva
Pages: 874-879 | First Published: 26 December 2018

Influence of static and dynamic cyclic fatigue tests on the lifespan of four reciprocating systems at different temperatures

A. Keleş, A. Eymirli, O. Uyanık, E. Nagas
Pages: 880-886 | First Published: 17 January 2019

Accuracy of detecting vertical root fractures in non-root filled teeth using cone beam computed tomography: effect of voxel size and fracture width

X. L. Guo, G. Li, J. Q. Zheng, R. H. Ma, F. C. Liu, F. S. Yuan, P. J. Lyu, Y. J. Guo, S. Yin
Pages: 887-898 | First Published: 20 January 2019

XP-endo Finisher R instrument optimizes the removal of root filling remnants in oval-shaped canals

G. De-Deus, F. G. Belladonna, A. S. Zuolo, D. M. Cavalcante, J. C. A. Carvalhal, M. Simões-Carvalho, E. M. Souza, R. T. Lopes, E. J. N. L. Silva

Pages: 899-907 | First Published: 21 January 2019

Micro-computed tomographic evaluation of the shaping ability of four instrumentation systems in curved root canals

C. P. Stringheta, C. E. S. Bueno, A. S. Kato, L. G. Freire, E. F. Iglecias, M. Santos, R. A. Pelegrine

Pages: 908-916 | First Published: 28 January 2019

Letter to the Editor

Should inter-canal communications be included in the classification of root canal systems?

M. I. Karobari, T. Y. Noorani, M. S. Halim, P. M. H. Dummer, H. M. A. Ahmed

Pages: 917-919 | First Published: 10 May 2019