



Issue Information

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Issue Information

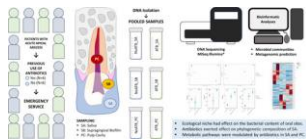
Pages: 1601 | First Published: 16 November 2020

Clinical Research

Microbial ecology and predicted metabolic pathways in various oral environments from patients with acute endodontic infections

L. C. Moraes, P. M. Lang, R. A. Arcanjo, P. H. Rampelotto, C. C. Fatturi-Parolo, M. B. C. Ferreira, F. Montagner

Pages: 1603-1617 | First Published: 16 August 2020



Review Articles

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Current status on minimal access cavity preparations: a critical analysis and a proposal for a universal nomenclature

E.J.N.L. Silva, K.P. Pinto, C.M. Ferreira, F.G. Belladonna, G. De-Deus, P.M.H. Dummer, M.A. Versiani

Pages: 1618-1635 | First Published: 27 August 2020

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Clinical procedures and outcome of surgical extrusion, intentional replantation and tooth autotransplantation – a narrative review

G. Plotino, F. Abella Sans, M. S. Duggal, N. M. Grande, G. Krastl, V. Nagendrababu, G. Gambarini

Pages: 1636-1652 | First Published: 01 September 2020

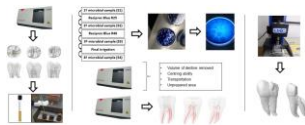
Basic Research – Biological

Mineral trioxide aggregate suppresses pro-inflammatory cytokine expression via the calcineurin/nuclear factor of activated T cells/early growth response 2 pathway in lipopolysaccharide-stimulated macrophages

M. Kuramoto, N. Kawashima, K. Tazawa, K. Nara, M. Fujii, S. Noda, K. Hashimoto, K. Nozaki, T. Okiji
Pages: 1653-1665 | First Published: 07 August 2020

The influence of endodontic access cavity design on the efficacy of canal instrumentation, microbial reduction, root canal filling and fracture resistance in mandibular molars

A. F. A. Barbosa, E. J. N. L. Silva, B. P. Coelho, C. M. A. Ferreira, C. O. Lima, L. M. Sassone
Pages: 1666-1679 | First Published: 06 August 2020

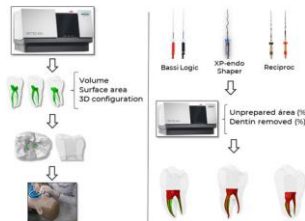


Minimal endodontic access cavities did not offer any advantages in comparison to the traditional endodontic access cavities regarding microbial reduction in root canals after final irrigation, the efficacy of canal instrumentation, root canal filling and fracture resistance in mandibular molars.

Basic Research – Technical

The impact of minimally invasive root canal preparation strategies on the ability to shape root canals of mandibular molars

C. O. Lima, A. F. A. Barbosa, C. M. Ferreira, C. M. Augusto, L. M. Sassone, R. T. Lopes, S. R. Fidel, E. J. N. L. Silva
Pages: 1680-1688 | First Published: 07 August 2020



The use of a reduced taper system during root canal preparation resulted in a higher percentage of untouched canal areas when compared to XP-endo Shaper and Reciproc instruments and did not offer advantages regarding the percentage of dentine removed.

Bending, buckling and torsional resistance of rotary and reciprocating glide path instruments

W. S. P. Lopes, V. T. L. Vieira, E. J. N. L. Silva, M. C. D. Silva, F. R. F. Alves, H. P. Lopes, F. R. Pires
Pages: 1689-1695 | First Published: 07 August 2020

Influence of post-core material and cement peculiarities on stress of post-cores under ultrasonic vibration: a three-dimensional finite element analysis

T. Han, K. Chen, R. Cao, T. Zheng, Z. Chen, X. Zhang, X. Yan
Pages: 1696-1704 | First Published: 11 August 2020

The influence of time and irrigant refreshment on biofilm removal from lateral morphological features of simulated root canals

T. C. Pereira, R. J. B. Dijkstra, X. Petridis, W. J. van der Meer, P. K. Sharma, F. B. de Andrade, L. W. M. van der Sluis

Pages: 1705-1714 | First Published: 05 June 2020

Education

The prescribing of antibiotics for endodontic infections by dentists in Turkey: a comprehensive survey

D. Deniz-Sungur, H. Aksel, E. Karaismailoglu, T. C. Sayin

Pages: 1715-1727 | First Published: 17 August 2020

Clinical Techniques and Case Reports

An uncommon type of segmental root development after revitalization

X. Jiang, H. Liu

Pages: 1728-1741 | First Published: 11 August 2020

Letters to the Editor

To the Editor-in-Chief of the International Endodontic Journal

H. Balto, A. A. Al-Ekrish

Pages: 1742-1743 | First Published: 16 November 2020

Methodologic concerns regarding the evidence of a higher prevalence of apical periodontitis and endodontic treatment need in tobacco smokers

E. J. N. L. Silva, K. P. Pinto, C. M. Ferreira, L. C. Maia, L. M. Sassone, T. K. S. Fidalgo

Pages: 1744-1747 | First Published: 16 November 2020

COVID-19 pandemic: an opportunity to rethink the patients' pathway to an endodontist?

D. Maret, F. Diemer, M. Gurgel, N. Telmon, F. Savall, M. Faruch, O. A. Peters

Pages: 1748-1749 | First Published: 16 November 2020