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1. Issue Information

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2. Position Statement

European Society of Endodontology position statement: External Cervical Resorption

European Society of Endodontology (ESE) developed by: , S. Patel, P. Lambrechts, H. Shemesh, A. Mavridou

Pages: 1323-1326 | First Published: 01 September 2018

3. Clinical Research

An analysis of the timing and materials associated with pulp disease following restorative dental treatment

J. B. Yong, S. Sivarajan, P. V. Abbott

Pages: 1327-1335 | First Published: 19 May 2018

Metagenomic study of bacterial microbiota in persistent endodontic infections using Next-generation sequencing

G. Sánchez-Sanhueza, H. Bello-Toledo, G. González-Rocha, A. T. Gonçalves, V. Valenzuela, C. Gallardo-Escárate

Pages: 1336-1348 | First Published: 22 May 2018

Detection of the unknown components of the oral microflora of teeth with periapical radiolucencies in a Turkish population using next-generation sequencing techniques

E. İriboz, B. Arıcan Öztürk, M. Kolukırık, İ. Karacan, H. Sazak Öveçoğlu

Pages: 1349-1357 | First Published: 01 June 2018

Substance P and Calcitonin gene-related peptide expression in human periodontal ligament after root canal preparation with Reciproc Blue, WaveOne Gold, XP EndoShaper and hand files

J. Caviedes-Bucheli, N. Rios-Osorio, M. Rey-Rojas, F. Laguna-Rivero, M. M. Azuero-Holguin, L. E. Diaz, H. Curtidor, J. J. Castaneda-Ramirez, H. R. Munoz

Pages: 1358-1366 | First Published: 17 May 2018

4. Review Article

Regenerative endodontics: a comprehensive review

S. G. Kim, M. Malek, A. Sigurdsson, L. M. Lin, B. Kahler

Pages: 1367-1388 | First Published: 19 May 2018

5. Basic Research – Biological

Release of TGF- β 1 into root canals with various final irrigants in regenerative endodontics: an in vitro analysis

Y. Chae, M. Yang, J. Kim

Pages: 1389-1397 | First Published: 17 May 2018

Orexin-1 receptors in the rostral ventromedial medulla are involved in the modulation of capsaicin evoked pulpal nociception and impairment of learning and memory

F. Shahsavari, M. Abbasnejad, S. Esmaeili-Mahani, M. Raoof

Pages: 1398-1409 | First Published: 01 June 2018

Porphyromonas endodontalis reactivates latent Epstein–Barr virus

K. Makino, O. Takeichi, K. Imai, H. Inoue, K. Hatori, K. Himi, I. Saito, K. Ochiai, B. Ogiso

Pages: 1410-1419 | First Published: 01 June 2018

Effect of the combination of several irrigants on dentine surface properties, adsorption of chlorhexidine and adhesion of microorganisms to dentine

T. Tartari, C. Wichnieski, L. Bachmann, M. Jafellicci Jr, R. M. Silva, A. Letra, R. van der Hoeven, M. A. H.

Duarte, C. M. Bramante

Pages: 1420-1433 | First Published: 04 June 2018

6. Basic Research – Technical

Evaluation of the effects of the solution used for electrochemical dissolution of nickel–titanium endodontic files on dentine structure, microhardness and cell viability

C. C. F. Amaral, F. Ormiga, L. C. Boldrini, P. G. Miranda, T. A. Mendonça, J. M. Granjeiro, J. A. C. P. Gomes

Pages: 1434-1445 | First Published: 15 May 2018