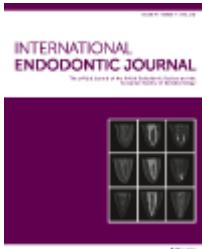


INTERNATIONAL ENDODONTIC JOURNAL

The official journal of the British Endodontic Society and the European Society of Endodontology



International Endodontic Journal

© International Endodontic Journal. Published by John Wiley & Sons Ltd

[Volume 48, Issue 4 Pages 309 - 404, April 2015](#)

The latest issue of International Endodontic Journal is available on [Wiley Online Library](#)

Original Scientific Articles

Efficacy of different irrigation techniques in the removal of calcium hydroxide from a simulated internal root resorption cavity (pages 309–316)

H. S. Topçuoğlu, S. Düzgün, K. T. Ceyhanlı, A. Aktı, K. Pala and B. Kesim
Article first published online: 30 JUN 2014 | DOI: 10.1111/iej.12316

Comparison of the effect of nonactivated self-adjusting file system, Vibringe, EndoVac, ultrasonic and needle irrigation on apical extrusion of debris (pages 317–322)

E. Karatas, D. Ozsu, H. Arslan and A. S. Erdogan
Article first published online: 28 JUN 2014 | DOI: 10.1111/iej.12317

Acidic pH weakens the microhardness and microstructure of three tricalcium silicate materials (pages 323–332)

Z. Wang, J. Ma, Y. Shen and M. Haapasalo
Article first published online: 28 JUN 2014 | DOI: 10.1111/iej.12318

Micro-computed tomography evaluation of the removal of calcium hydroxide medicament from C-shaped root canals of mandibular second molars (pages 333–341)

J. Z. Ma, Y. Shen, A. J. Al-Ashaw, H. Y. Khaleel, Y. Yang, Z. J. Wang, B. Peng and M. Haapasalo
Article first published online: 30 JUN 2014 | DOI: 10.1111/iej.12319

Electrochemical-induced dissolution of nickel–titanium endodontic instruments with different designs (pages 342–350)

F. Ormiga, L. R. L. Aboud and J. A. C. P. Gomes
Article first published online: 28 JUN 2014 | DOI: 10.1111/iej.12320

Root canal treatment and special needs patients (pages 351–361)

E. Yap, P. Parashos and G. L. Borromeo
Article first published online: 5 JUL 2014 | DOI: 10.1111/iej.12321

Assessment of dentinal tubule invasion capacity of *Enterococcus faecalis* under stress conditions ex vivo (pages 362–372)

S. Ran, J. Wang, W. Jiang, C. Zhu and J. Liang
Article first published online: 7 AUG 2014 | DOI: 10.1111/iej.12322

Factors affecting the rate of oxidation and resultant discolouration of tetracyclines contained in endodontic medicaments and irrigants (pages 373–379)

Z. Y. Bennett and L. J. Walsh
Article first published online: 11 JUL 2014 | DOI: 10.1111/iej.12323

Three-dimensional modelling and concurrent measurements of root anatomy in mandibular first molar mesial roots using micro-computed tomography (pages 380–389)

J. K. Lee, Y. J. Yoo, H. Perinpanayagam, B. H. Ha, S. M. Lim, S. R. Oh, Y. Gu, S. W. Chang, Q. Zhu and K. Y. Kum
Article first published online: 5 JUL 2014 | DOI: 10.1111/iej.12326

Skin reactions amongst Greek endodontists: a national questionnaire survey (pages 390–398)

T. Zarra and T. Lambrianidis
Article first published online: 21 JUL 2014 | DOI: 10.1111/iej.12327

Etidronate causes minimal changes in the ability of sodium hypochlorite to dissolve organic matter (pages 399–404)

T. Tartari, B. M. Guimarães, L. S. Amoras, M. A. H. Duarte, P. A. R. Silva e Souza and C. M. Bramante
Article first published online: 5 JUL 2014 | DOI: 10.1111/iej.12329