



International Endodontic Journal

© International Endodontic Journal

[Volume 45, Issue 6 Pages 499 - 596, June 2012](#)

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

Original Scientific Articles

The role of DNA damage and caspase activation in cytotoxicity and genotoxicity of macrophages induced by bisphenol-A-glycidylmethacrylate (pages 499–507)

Y.-C. Li, Y.-H. Kuan, F.-M. Huang and Y.-C. Chang

Article first published online: 14 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02001.x

Cytocompatibility of the ready-to-use bioceramic putty repair cement iRoot BP Plus with primary human osteoblasts (pages 508–513)

G. De-Deus, A. Canabarro, G. G. Alves, J. R. Marins, A. B. R. Linhares and J. M. Granjeiro

Article first published online: 25 FEB 2012 | DOI: 10.1111/j.1365-2591.2011.02003.x

Changes in centring and shaping ability using three nickel–titanium instrumentation techniques analysed by micro-computed tomography (μCT) (pages 514–523)

S. Stern, S. Patel, F. Foschi, M. Sherriff and F. Mannocci

Article first published online: 16 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02004.x

Fracture resistance of root filled premolar teeth restored with direct composite resin with or without cusp coverage (pages 524–529)

K. X. Xie, X. Y. Wang, X. J. Gao, C. Y. Yuan, J. X. Li and C. H. Chu

Article first published online: 14 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02005.x

Ecology of the microbiome of the infected root canal system: a comparison between apical and coronal root segments (pages 530–541)

A. R. Özok, I. F. Persoon, S. M. Huse, B. J. F. Keijsers, P. R. Wesselink, W. Crielaard and E. Zaura

Article first published online: 17 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02006.x

Centring ability and apical transportation after overinstrumentation with ProTaper Universal and ProFile Vortex instruments (pages 542–551)

J. A. González Sánchez, F. Duran-Sindreu, S. de Noé, M. Mercadé and M. Roig

Article first published online: 20 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02008.x

In vivo accuracy of three electronic root canal length measurement devices: Dentaport ZX, Raypex 5 and ProPex II (pages 552–556)

F. Somma, R. Castagnola, C. Lajolo, L. Paternò Holtzman and L. Marigo

Article first published online: 19 JAN 2012 | DOI: 10.1111/j.1365-2591.2011.02010.x

The development of iron-free partially stabilized cement for use as dental root-end filling material (pages 557–564)

F. Ndong, S. Sadhasivam, F.-H. Lin, S. Savitha, W. Wen-Hsi and C.-P. Lin

Article first published online: 23 JAN 2012 | DOI: 10.1111/j.1365-2591.2012.02011.x

Evaluation of the propylene glycol association on some physical and chemical properties of mineral trioxide aggregate (pages 565–570)

M. A. H. Duarte, K. Alves de Aguiar, M. A. Zeferino, R. R. Vivian, R. Ordinola-Zapata, M. Tanomaru-Filho, P. H. Weckwerth and M. C. Kuga

Article first published online: 16 JAN 2012 | DOI: 10.1111/j.1365-2591.2012.02012.x

Chemical–physical properties of TheraCal, a novel light-curable MTA-like material for pulp capping (pages 571–579)

M. G. Gandolfi, F. Siboni and C. Prati

Article first published online: 31 MAR 2012 | DOI: 10.1111/j.1365-2591.2012.02013.x

Efficacy of D-RaCe and ProTaper Universal Retreatment NiTi instruments and hand files in removing gutta-percha from curved root canals – a micro-computed tomography study (pages 580–589)

T. Rödiger, T. Hausdörfer, F. Konietschke, C. Dullin, W. Hahn and M. Hülsmann

Article first published online: 20 JAN 2012 | DOI: 10.1111/j.1365-2591.2012.02014.x

Case Report

Endodontic management of mandibular central incisor fused to a supernumerary tooth associated with a talon cusp: a case report (pages 590–596)

G. S. Sachdeva, D. Malhotra, L. T. Sachdeva, N. Sharma and A. Negi

Article first published online: 6 MAR 2012 | DOI: 10.1111/j.1365-2591.2012.02029.x