



International Endodontic Journal

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

[Volume 47, Issue 6 Pages 501 - 614, June 2014](#)

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

Editorial

European Society of Endodontology: Position Statements (page 501)

C. Löst and P. M. H. Dummer

Article first published online: 10 MAY 2014 | DOI: 10.1111/iej.12284

European Society of Endodontology

European Society of Endodontology position statement: The use of CBCT in Endodontics (pages 502–504)

S. Patel, C. Durack, F. Abella, M. Roig, H. Shemesh, P. Lambrechts and K. Lemberg

Article first published online: 10 MAY 2014 | DOI: 10.1111/iej.12267

Original Scientific Articles

Determining cutting efficiency of nickel-titanium coronal flaring instruments used in lateral action (pages 505–513)

O. A. Peters, R. D. Morgental, K. A. Schulze, F. Paqué, P. M. P. Kopper and F. V. Vier-Pelisser

Article first published online: 3 SEP 2013 | DOI: 10.1111/iej.12177

Influence of rotational speed on the cyclic fatigue of Mtwo instruments (pages 514–519)

E. Pedullà, G. Plotino, N. M. Grande, M. Scibilia, A. Pappalardo, V. A. Malagnino and E. Rapisarda

Article first published online: 31 AUG 2013 | DOI: 10.1111/iej.12178

Effect of bismuth oxide on white mineral trioxide aggregate: chemical characterization and physical properties (pages 520–533)

R. Grazziotin-Soares, M. H. Nekoofar, T. E. Davies, A. Bafail, E. Alhaddar, R. Hübler, A. L. S. Busato and P. M. H. Dummer

Article first published online: 12 SEP 2013 | DOI: 10.1111/iej.12181

The role of SDF-1 and CXCR4 on odontoblastic differentiation in human dental pulp cells (pages 534–541)

D. S. Kim, Y. S. Kim, W. J. Bae, H. J. Lee, S. W. Chang, W. S. Kim and E. C. Kim

Article first published online: 6 SEP 2013 | DOI: 10.1111/iej.12182

Wetting behaviour of silicone- and resin-based root canal sealers (pages 542–549)

S. Bohn and N. Ilie

Article first published online: 23 SEP 2013 | DOI: 10.1111/iej.12184

Fusobacterium nucleatum induces cytokine production through Toll-like-receptor-independent mechanism (pages 550–559)

S. Y. Quah, G. Bergenholtz and K. S. Tan

Article first published online: 19 SEP 2013 | DOI: 10.1111/iej.12185

Apical extrusion of bacteria when using reciprocating single-file and rotary multifile instrumentation systems (pages 560–566)

J. M. Tinoco, G. De-Deus, E. M. B. Tinoco, F. Saavedra, R. A. S. Fidel and L. M. Sassone

Article first published online: 24 SEP 2013 | DOI: 10.1111/iej.12187

Atomic force microscopic evaluation of nanostructure alterations of rotary NiTi instruments after immersion in irrigating solutions (pages 567–573)

D. M. Fayyad and A. H. Mahran

Article first published online: 18 OCT 2013 | DOI: 10.1111/iej.12189

Fabrication and characterization of polymer composites for endodontic use (pages 574–582)

R. Alhashimi, F. Mannocci, R. Foxton and S. Deb

Article first published online: 25 OCT 2013 | DOI: 10.1111/iej.12192

The effect of TRPM7 suppression on the proliferation, migration and osteogenic differentiation of human dental pulp stem cells (pages 583–593)

L. Cui, S. M. Xu, D. D. Ma and B. L. Wu

Article first published online: 18 OCT 2013 | DOI: 10.1111/iej.12193

Efficacy of various irrigation protocols on the removal of triple antibiotic paste (pages 594–599)

H. Arslan, I. D. Capar, G. Saygili, B. Uysal, T. Gok, H. Ertas and H. S. Topcuoglu

Article first published online: 18 OCT 2013 | DOI: 10.1111/iej.12194

The presence and distribution of bacteria in dentinal tubules of root filled teeth (pages 600–610)

S. Kwang and P. Abbott

Article first published online: 18 OCT 2013 | DOI: 10.1111/iej.12195

Letters to the Editor

Comment on methodological problems of ‘Is there sufficient evidence to support the long-term efficacy of mineral trioxide aggregate for endodontic therapy in primary teeth?’ by Anthonappa RP *et al.* (International Endodontic Journal, 46, 198–204, 2013) (pages 611–612)

S. Asgary and A. Shirvani

Article first published online: 18 OCT 2013 | DOI: 10.1111/iej.12190

Letter to the Editor (pages 613–614)

R. P. Anthonappa, N. M. King and L. C. Martens

Article first published online: 10 MAY 2014 | DOI: 10.1111/iej.12191