

# International Endodontic Journal

The Official Journal of the British Endodontic Society and the European Society of Endodontology



## International Endodontic Journal

© International Endodontic Journal

[Volume 46, Issue 3 Pages 195 - 291, March 2013](#)

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

---

### Editorial

#### **Research that matters – biocompatibility and cytotoxicity screening (pages 195–197)**

O. A. Peters

Article first published online: 10 FEB 2013 | DOI: 10.1111/iej.12047

---

### Review

#### **Is there sufficient evidence to support the long-term efficacy of mineral trioxide aggregate (MTA) for endodontic therapy in primary teeth? (pages 198–204)**

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

Article first published online: 9 NOV 2012 | DOI: 10.1111/j.1365-2591.2012.02128.x

---

### Original Scientific Articles

#### **Niobium pentoxide as a new filler for methacrylate-based root canal sealers (pages 205–210)**

V. C. B. Leitune, A. Takimi, F. M. Collares, P. D. Santos, C. Provenzi, C. P. Bergmann and S. M. W. Samuel

Article first published online: 11 AUG 2012 | DOI: 10.1111/j.1365-2591.2012.02107.x

#### **Influence of clinical experience on the radiographic determination of endodontic working length (pages 211–216)**

O. S. Alothmani, L. T. Friedlander, B. D. Monteith and N. P. Chandler

Article first published online: 11 AUG 2012 | DOI: 10.1111/j.1365-2591.2012.02109.x

#### **Ex vivo evaluation of the effects of several root canal preparation techniques and irrigation regimens on a mixed microbial infection (pages 217–224)**

V. C. Nakamura, S. Cai, G. T. M. Candeiro, P. H. Ferrari, C. L. Caldeira and G. Gavini

Article first published online: 17 AUG 2012 | DOI: 10.1111/j.1365-2591.2012.02110.x

#### **Clinical antimicrobial efficacy of NiTi rotary instrumentation with NaOCl irrigation, final rinse with chlorhexidine and interappointment medication: a molecular study (pages 225–233)**

S. S. M. Paiva, J. F. Siqueira Jr, I. N. Rôças, F. L. Carmo, D. C. A. Leite, D. C. Ferreira, C. T. C. Rachid and A. S. Rosado

Article first published online: 13 AUG 2012 | DOI: 10.1111/j.1365-2591.2012.02111.x

**Physicochemical properties of radiopaque dicalcium silicate cement as a root-end filling material in an acidic environment (pages 234–241)**

T. Y. Chiang and S. J. Ding

Article first published online: 17 AUG 2012 | DOI: 10.1111/j.1365-2591.2012.02112.x

**The response of cementoblasts to calcium phosphate resin-based and calcium silicate-based commercial sealers (pages 242–252)**

S. S. Hakki, B. S. Bozkurt, B. Ozcopur, M. G. Gandolfi, C. Prati and S. Belli

Article first published online: 24 SEP 2012 | DOI: 10.1111/j.1365-2591.2012.02122.x

**3D micro-CT analysis of the interface voids associated with Thermafil root fillings used with AH Plus or a flowable MTA sealer (pages 253–263)**

M. G. Gandolfi, A. P. Parrilli, M. Fini, C. Prati and P. M. H. Dummer

Article first published online: 8 OCT 2012 | DOI: 10.1111/j.1365-2591.2012.02124.x

**Percutaneous injuries amongst Greek endodontists: a national questionnaire survey (pages 264–274)**

T. Zarra and T. Lambrianidis

Article first published online: 27 SEP 2012 | DOI: 10.1111/j.1365-2591.2012.02126.x

---

**Case Report**

**The diagnosis and conservative treatment of a complex type 3 dens invaginatus using cone beam computed tomography (CBCT) and 3D plastic models (pages 275–288)**

A. Kfir, Y. Telishevsky-Strauss, A. Leitner and Z. Metzger

Article first published online: 9 NOV 2012 | DOI: 10.1111/iej.12013

---

**Letter to the Editor**

**Terminology of endodontic outcomes (pages 289–291)**

H. H. Messer and V. S. H. Yu

Article first published online: 10 FEB 2013 | DOI: 10.1111/iej.12014