Original Scientific Articles

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JMS Teixeira, FM Cunha, RO Jesus, EJNL Silva, SR Fidel and LM Sassone
Accepted manuscript online: 2 AUG 2014 10:13AM EST | DOI: 10.1111/iej.12357

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JH Ha, GSP Cheung, A Versluis, CJ Lee, SW Kwak and HC Kim
Accepted manuscript online: 2 AUG 2014 03:04AM EST | DOI: 10.1111/iej.12363

**Apical extrusion of debris from root canals using reciprocating files associated with two irrigation systems**
F Xavier, G Nevares, MK Romeiro, K Gonçalves, L Gominho and D Albuquerque
Accepted manuscript online: 2 AUG 2014 03:04AM EST | DOI: 10.1111/iej.12362

**Microbial community in persistent apical periodontitis: a 16S rRNA gene clone library analysis**
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I Willershausen, T G Wolf, I Schmidtmann, Ch Berger, V Ehlers, B Willershausen and B Briseño
Accepted manuscript online: 2 AUG 2014 03:04AM EST | DOI: 10.1111/iej.12360