

## Literaturverzeichnis

### **Ein universelles biokeramisches Obturationsmaterial**

*Dr. Wolfgang Hugo Knupfer*

*Endodontie Journal 1/2014*

- (1) Biokeramische Werkstoffe; M. Baldauf; TU Bergakademie Freiberg Institut für Mineralogie, Brennhausgasse 14, 09599 Freiberg
- (2) Präparation von poröser calciumphosphat-basierter Biokeramik für die Implantologie und das Tissue Engineering; vorgelegt von Diplomchemiker Frank Otmar Hitzegrad aus Nürnberg von der Fakultät III – Prozesswissenschaften der Technischen Universität Berlin zur Erlangung des akademischen Grades
- (3) Evaluation of radiopacity, pH, release of calcium ions, and flow of a bioceramic root canal sealer. Candeiro GT, Correia FC, Duarte MA, Ribeiro-Siqueira DC, Gavini G. *J Endod.* 2012 Jun;38(6):842-5. doi: 10.1016/j.joen.2012.02.029. Epub 2012 Apr 4.
- (4) W. Zhang\*, Z. Li\* & B. Peng; Key Lab for Oral Biomedical Engineering of Ministry of Education, School of Stomatology, Wuhan University, Wuhan, China; *International endodontic journal*, doi:10.1111/j.1365-2591.2010.01733.x
- (5) Li GH<sup>1</sup>, Niu LN<sup>2</sup>, Zhang W<sup>3</sup>, Olsen M<sup>4</sup>, De-Deus G<sup>5</sup>, Eid AA<sup>6</sup>, Chen JH<sup>7</sup>, Pashley DH<sup>8</sup>, Tay FR<sup>9</sup>. Ability of new obturation materials to improve the seal of the root canal system: A review. *Acta Biomater.* 2013 Dec 7. pii: S1742-7061(13)00582-5. doi: 10.1016/j.actbio.2013.11.015. [Epub ahead of print]
- (6) Emre Nagas, DDS, PhD,\* M. Ozgur Uyanik, DDS, PhD,\* Ayhan Eymirli, DDS,\* Zafer C. Cehreli, DDS, PhD,† Pekka K. Vallittu, DDS, PhD,‡ Lippo V.J. Lassila, DDS, PhD,‡ and Veli Durmaz, DDS, PhD\*; Dentin Moisture Conditions Affect the Adhesion of Root Canal Sealers; *J Endod.* 2012 Feb;38(2):240-4. doi: 10.1016/j.joen.2011.09.027. Epub 2011 Nov 13
- (7) Ersahan S, Aydin C.; Dislocation resistance of iRoot SP, a calcium silicate-based sealer, from radicular dentine; *J Endod.* 2010 Dec;36(12):2000-2. doi: 10.1016/j.joen.2010.08.037. Epub 2010 Oct 14.
- (8) Amin SA, Seyam RS, El-Samman MA; The effect of prior calcium hydroxide intracanal placement on the bond strength of two calcium silicate-based and an epoxy resin-based endodontic sealer; *J Endod.* 2012 May;38(5):696-9. doi: 10.1016/j.joen.2012.02.007. Epub 2012 Mar 22.
- (9) Zhang W, Li Z, Peng B; Assessment of a new root canal sealer's apical sealing ability; *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2009 Jun;107(6):e79-82. doi: 10.1016/j.tripleo.2009.02.024.

- (10) Zhang H, Shen Y, Ruse ND, Haapasalo M.; Antibacterial activity of endodontic sealers by modified direct contact test against *Enterococcus faecalis*; *J Endod*. 2009 Jul;35(7):1051-5. doi: 10.1016/j.joen.2009.04.022.
- (11) Karen F. Lovato, DDS, and Christine M. Sedgley, MDS, MDSc, PhD; Antibacterial Activity of EndoSequence Root Repair Material and ProRoot MTA against Clinical Isolates of *Enterococcus faecalis*; *J Endod*. 2011 Nov;37(11):1542-6. doi: 10.1016/j.joen.2011.06.022. Epub 2011 Jul 30
- (12) W. Zhang\*, Z. Li\* & B. Peng; Ex vivo cytotoxicity of a new calcium silicate-based canal filling material; *Int Endod J*. 2010 Sep;43(9):769-74. doi: 10.1111/j.1365-2591.2010.01733.x. Epub 2010 Jun 8
- (13) Wade R. Hirschman, DDS, MS, Michelle A. Wheeler, PhD, Josef S. Bringas, DMD, DDS, MS, and Michael M. Hoen, DDS; Cytotoxicity Comparison of Three Current Direct Pulp-capping Agents with a New Bioceramic Root Repair Putty; *J Endod*. 2012 Mar;38(3):385-8. doi: 10.1016/j.joen.2011.11.012. Epub 2011 Dec 20.
- (14) Maria Ciasca, DDS, MSD, Anita Aminoshariae, DDS, MS, Ge Jin, PhD, Thomas Montagnese, DDS, MSD, and Andre Mickel, DDS, MSD; A Comparison of the Cytotoxicity and Proinflammatory Cytokine Production of EndoSequence Root Repair Material and ProRoot Mineral Trioxide Aggregate in Human Osteoblast Cell Culture Using Reverse-Transcriptase Polymerase Chain Reaction; *J Endod*. 2012 Apr; 38(4):486-9. doi: 10.1016/j.joen.2011.12.004. Epub 2012 Jan 9.
- (15) Amer Z. AlAnezi, DDS, MDS, a Jin Jiang, DDS, PhD, b Kamran E. Safavi, DMD, MEd, c, Larz S. W. Spangberg, DDS, PhD, d and Qiang Zhu, DDS, PhD, e Farmington, Connecticut; Cytotoxicity evaluation of endosequence root repair material; *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2010 Mar;109(3):e122-5. doi: 10.1016/j.tripleo.2009.11.028.
- (16) Zhang W, Li Z, Peng B.; Effects of iRoot SP on mineralization-related genes expression in MG63 cells. *J Endod*. 2010 Dec; 36(12):1978-82. doi: 10.1016/j.joen.2010.08.038. Epub 2010 Oct 8.
- (17) Allen Ali Nasseh, DDS. MMSSc. Cycling Instrumentation Technique with hybridized EndoSequence™ / BioRace™ files“.
- (18) H. Ersev, B. Yilmaz, M. E. Dinc, ol & R. Dag˘ larog˘ lu; The efficacy of ProTaper Universal rotary retreatment instrumentation to remove single gutta-percha cones cemented with several endodontic sealers.; *Int Endod J*. 2012 Aug;45(8):756-62. doi: 10.1111/j.1365-2591.2012.02032.x. Epub 2012 Mar 20.
- (19) Hess D, Solomon E, Spears R, He J; Retreatability of a bioceramic root canal sealing material.; *J Endod*. 2011 Nov; 37(11):1547-9. doi: 10.1016/j.joen.2011.08.016. Epub 2011 Sep 15.
- (20) Candeiro GT, Correia FC, Duarte MA, Ribeiro-Siqueira DC, Gavini G.; Evaluation of radiopacity, pH, release of calcium ions, and flow of a bioceramic root

canal sealer.; Endod. 2012 Jun; 38(6):842-5. doi: 10.1016/j.joen.2012.02.029. Epub 2012 Apr 4.

- (21) Shokouhinejad N, Gorjestani H, Nasseh AA, Hoseini A, Mohammadi M, Shamshiri AR.; Push-out bond strength of gutta-percha with a new bioceramic sealer in the presence or absence of smear layer.; Aust Endod J. 2013 Dec;39(3):102-6. doi: 10.1111/j.1747-4477.2011.00310.x. Epub 2011 May 29.
- (22) Leal F, De-Deus G, Brandão C, Luna A, Souza E, Fidel S.; Similar sealability between bioceramic putty ready-to-use repair cement and white MTA.; Braz Dent J. 2013;24(4):362-6. doi: 10.1590/0103-6440201302051.
- (23) MA El Sayed and MH Saeed; In vitro comparative study of sealing ability of Diadent BioAggregate and other root-end filling materials; J Conserv Dent. 2012 Jul-Sep; 15(3): 249–252. doi: 10.4103/0972-0707.97950 PMID: PMC3410335