

Ausgabe: Jahrbuch Endodontie 2019

Thema: Bioceramics in der Endodontie

Autor: Dr. Jürgen Wollner

1. Trohorsch D, Münster M, Kaiser L, Lagan A, Haueisen H, Gerhardt-Szep S, Heidemann D. Mineral Trioxid Aggregate. ZWR 5/2012:2-7
2. Storm B, Eichmiller FC, Tordik PA, Goodell GG. Setting Expansion of Gray and White Mineral Trioxide Aggregate and Portland Cement. J Endod 2008;34:80-82
3. Torabinejad M, Hong CU, McDonald F, Pitt Ford TR. Physical and chemical properties of a new root-end filling material. J Endod 1995;21:349-353
4. Asgary S, Parirokh M, Eghbal MJ, Brink F. Chemical differences between white and gray mineral trioxide aggregate. J Endod 2005;31:101–103
5. Divya KT, Satish G, Srinivasa TS, Reddy V, Umashankar K, Rao BM. Comparative evaluation of sealing ability of four different restorative materials used as coronal sealants: an in vitro study. J Int Oral Health 2014;6:12-17
6. Yildirim T, Tasdemir T, Orucoglu H. The evaluation of the influence of using MTA in teeth with post indication on the apical sealing ability. Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2009;108:471-474
7. Zhang W, Li Z, Peng B. Effects of iRoot SP on mineralization-related genes expression in MG63 cells. J Endod 2010;36:1978-1982
8. Shokouhinejad N, Nekoofar MH, Razmi H, Sajadi S, Davies TE, Saghiri MH, Gorjestani H, Dummer PM. Bioactivity of EndoSequence root repair material and bioaggregate. Int Endod J 2012;45:1127-1134
9. Zhang S, Yang X, Fan M. BioAggregate and iRoot BP Plus optimize the proliferation and mineralization ability of human dental pulp cells. Int Endod J 2013;46:923-929
10. Geurtsen W. Biocompatibility of root canal filling materials. Aust Endod J 2001;27:12-21
11. Zhang W, Li Z, Peng B. Ex vivo cytotoxicity of a new calcium silicate-based canal filling material. Int Endod J 2010;43:769-774
12. Baek SH, Lee WC, Setzer FC, Kim S. Periapical bone regeneration after endodontic microsurgery with three different root-end filling materials: amalgam, SuperEBA, and mineral trioxide aggregate. J Endod. 2010 Aug;36(8):1323-1325
13. Chen I, Karabucak B, Wang C, Wang HG, Koyama E, Kohli MR, Nah HD, Kim S. Healing after root-end microsurgery by using mineral trioxide aggregate and a new calcium silicate-based bioceramic material as root-end filling materials in dogs. J Endod. 2015 Mar;41(3):389-399
14. Zhou HM, Shen Y, Zheng W, Li L, Zheng YF, Haapasalo M. Physical properties of 5 root canal sealers. J Endod 2013;39:1281-1286

- 15.Candeiro GT, Correia FC, Duarte MA, Ribeiro-Siqueira DC, Gavin G. Evaluation of radiopacity, pH, release of calcium ions, and flow of a bioceramic root canal sealer. *J Endod.* 2012;38:642-645
 - 16.Zhang H, Shen Y, Ruse ND, Haapasalo M. Antibacterial activity of endodontic sealers by modified direct contact test against *Enterococcus faecalis*. *J Endod* 2009;35:1051-1055
 - 17.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;107:79-82
 - 18.Pawar SS, Pujar MA, Makandar SD. Evaluation of the apical sealing ability of bioceramic sealer, AH plus & epiphany: An in vitro study. *J Conserv Dent* 2014;17:579-582
 - 19.Hess D, Solomon E, Spears R, He J. Retreatability of a bioceramic root canal sealing material. *J Endod* 2011;37:1547-1549
- Ersev H, Yilmaz B, Dincol ME, Daglaroglu R. The efficacy of ProTaper Universal rotary retreatment instrumentation to remove single gutta-percha cones cemented with several endodontic sealers. *Int Endod J* 2012;45:756-762