

**Ausgabe:** ZWP Zahnarzt Wirtschaft Praxis 7+8/17

**Thema:** Revisionen im Behandlungskonzept des Generalisten: Eine Frage der Technik?

**Autoren:** Dr. Andreas Simka

---

### Literatur

1 Andrabi SM, Kumar A, Zia A, Iftexhar H, Alam S, Siddiqui S. Effect of passive ultrasonic irrigation and manual dynamic irrigation on smear layer removal from root canals in a closed apex in vitro model. *J Investig Clin Dent*. 2014 Aug;5(3):188-93. doi: 10.1111/jicd.12033. Epub 2013 Apr 17.

2 BR Basrani et al. Interaction between sodium hypochlorite and chlorhexidine gluconate. *J Endod*. 2007 May 18;33(8), 966-969.

3 Bücher K, Meier F, Diegritz C, Kaaden C, Hickel R, Kühnisch J. Long-term outcome of MTA apexification in teeth with open apices. *Quintessence Int*. 2016;47(6):473-82. doi:

4 Clegg MS, Vertucci FJ, Walker C, Belanger M, Britto LR: The effect of exposure to irrigant solutions on apical dentin biofilms in vitro. *J Endod* 32, 434–437 (2006).

5 Hülsmann M, Schinkel I, Influence of several factors on the success or failure of removal of fractured instruments from the root canal. *Endod Dent Traumatol* 15: 252-258 (1999).

6 Kim JE, Cho JB, Yi WJ, Heo MS, Lee SS, Choi SC, Huh KH. Accidental overextension of endodontic filling material in patients with neurologic complications: a retrospective case series. *Dentomaxillofac Radiol*. 2016 Apr 6:20150394

7 Lee LW, Hsiao SH, Chang CC, Chen LK. Duration for apical barrier formation in necrotic immature permanent incisors treated with calcium hydroxide apexification using ultrasonic or hand filing. *J Formos Med Assoc*. 2010 Aug;109(8):596-602. doi: 10.1016/S0929-6646(10)60097-6.

8 Main C, Mirzayan N, Shabahang S, Torabinejad M. Repair of root perforations using mineral trioxide aggregate: a long-term study. *Journal of Endodontics*. 2004 (30): 80-3.

9 Marending M, Luder HU, Brunner TJ, Knecht S, Stark WJ, Zehnder M: Effect of sodium hypochlorite on human root dentine – mechanical, chemical and structural evaluation. *Int Endod J* 40, 786–793 (2007).

10 Mente J1, Leo M, Panagidis D, Ohle M, Schneider S, Lorenzo Bermejo J, Pfefferle T. Treatment outcome of mineral trioxide aggregate in open apex teeth. *J Endod*. 2013 Jan;39(1):20-6. doi: 10.1016/j.joen.2012.10.007.

11 Niu W, Yoshioka T, Kobayashi C, Suda H: A scanning electron microscopic study of dentinal erosion by final irrigation with EDTA and NaOCl solutions. *Int Endod J* 35, 934–939 (2002).

12 Pace R, Giuliani V, Pagavino G. Mineral trioxide aggregate as repair material for furcal perforation: case series. *Journal of Endodontics*. 2008 (34): 1130-3.

13 Parashos P, Messer H: Rotary NiTi instrument fracture and its consequences. *J Endod* 32: 1031-1043 (2006).

14 Sheehy EC, Roberts GJ. Use of calcium hydroxide for apical barrier formation and healing in non-vital immature permanent teeth: a review. *Br Dent J*. 1997 Oct 11;183(7):241-6.

15 Sjögren U., Hägglund B., Sundqvist G., Wing K. Factors affecting the long-term results of endodontic treatment. *Journal of Endodontics*. 1990;16(10):498–504.

16 Spili P, Parashos P, Esser HH: The impact of instrument fracture on outcome of endodontic treatment. *J Endod* 31: 845-850 (2005).

17 Torabinejad, M., Chivian, N.: Clinical applications of mineral trioxide aggregate. *J Endod* 25. (1999): 197.

18 Yousuf W, Khan M, Sheikh A. Success rate of overfilled root canal treatment. *J Ayub Med Coll Abbottabad*. 2015 Oct-Dec;27(4):780-3.

19 Yousuf W, Khan M, Mehdi H. Endodontic Procedural Errors: Frequency, Type of Error, and the Most Frequently Treated Tooth. *Int J Dent*. 2015;2015:673914.

20 Zhu, Q., Haglund, R., Safavi, K. E., Spangberg, L. S.: Adhesion of human osteoblasts on root- end filling materials. *J Endod* 26. (2002): 404.

1.