

Ausgabe: Endodontie Journal 2/2020
Thema: Endodontische Spülungen – Neue Kanüle für bessere Ergebnisse
Autoren: Dr. Franck Diemer, Maël Diemer, Dr. Amaury Beaugendre, Vincent Blasco-Baqué, PhD DMD, Dr. Jean-Philippe Mallet

Literatur

1. Pérard M, Le Clerc J, Gautier T, Perez F, Vulcain J-M, Dautel A, Le Goff A. Asepsie-antisepsie en endodontie. EMC - Médecine Buccale 2013;8(2):1-11
2. Peters OA. Current challenges and concepts in the preparation of root canal systems: a review. J Endod. 2004;30(8):559-67.
3. Siqueira JF, Rôças IN. Diversity of Endodontic Microbiota Revisited. J Dent Res 2009, 88: 969–81.
4. Boutsoukis C, Verhaagen B, Versluis M, Kastrinakis E, Wesselink PR, van der Sluis LW. Evaluation of Irrigant Flow in the Root Canal Using Different Needle Types by an Unsteady Computational Fluid Dynamics Model. J Endod. 2010 Oct;36(10):1664-8.
5. Siqueira JF, Rocas IN, Favieri A, Lima KC. Chemomechanical Reduction of the Bacterial Population in the Root Canal after Instrumentation and Irrigation with 1%, 2.5%, and 5.25% Sodium Hypochlorite. J Endod, 2000; 26: 331–334.
6. Ercan E, Özekinci T, Atakul F, Gül K. Antibacterial Activity of 2% Chlorhexidine Gluconate and 5.25% Sodium Hypochlorite in Infected Root Canal: In Vivo Study. J Endod, 2004; 30: 84–7.
7. Hülsmann M, Heckendorff M, Lennon Á. Chelating agents in root canal treatment: mode of action and indications for their use. Int Endod J, 2003; 36: 810–30.
8. Mohammadi Z, Jafarzadeh H, Shalavi S. Antimicrobial efficacy of chlorhexidine as a root canal irrigant: a literature review. J Oral Sci, 2014; 56: 99–103.
9. Rossi-Fedele G, Dođramaci EJ, Guastalli AR, Steier L, de Figueiredo JAP. Antagonistic interactions between sodium hypochlorite, chlorhexidine, EDTA, and citric acid. J Endod, 2012;38: 426–431.
10. Ram Z. Effectiveness of root canal irrigation. Oral Surg Oral Med Oral Pathol, 1977; 44: 306–312.
11. Ahmad M, Pitt Ford TR, Crum LA. Ultrasonic debridement of root canals: An insight into the mechanisms involved. J Endod, 1987;13: 93–101.
12. Van der Sluis LWM, Versluis M, Wu MK, Wesselink PR. Passive ultrasonic irrigation of the root canal: a review of the literature. Int Endod J, 2007;40: 415–426.
13. Chen JE, Nurbakhsh B, Layton G, Bussmann M, Kishen A. Irrigation dynamics associated with positive pressure, apical negative pressure and passive ultrasonic irrigations: A computational fluid dynamics analysis: Fluid Dynamics in Root Canal Irrigation. Aust Endod J, 2014; 40: 54–60.
14. Rödig T, Bozkurt M, Konietschke F, Hülsmann M. Comparison of the Vibringe system with syringe and passive ultrasonic irrigation in removing debris from simulated root canal irregularities. J Endod, 2010;36: 1410–1413.

15. Bolles JA, He J, Svoboda KKH, Schneiderman E, Glickman GN. Comparison of Vibringe, EndoActivator, and Needle Irrigation on Sealer Penetration in Extracted Human Teeth. *J Endod*, 2013; 39: 708–711.
16. Haapasalo M, Endal U, Zandi H, Coil JM. Eradication of endodontic infection by instrumentation and irrigation solutions. *Endod Top*, 2005;10: 77–102.
17. Ahmetoglu F, Keles A, Yalcin M, Simsek N. Effectiveness of different irrigation systems on smear layer removal: A scanning electron microscopic study. *Eur J Dent*, 2014;8: 53-7.
18. Gouet J-S. Biofilms bactériens et implications en endodontie. *Rev Odontostomatol*, 2011;40: 18–31.
19. Violich DR, Chandler NP. The smear layer in endodontics - a review. *Int Endod J*, 2010 ;43: 2–15.
20. Zehnder M. Root Canal Irrigants. *J Endod*, 2006;32: 389–98.
21. Beaugendre A. Le nettoyage canalair. Etude au microscope électronique à balayage : Endoneedle vs CleanJet endo et U108 vs HeroShaper. Thèse d'exercice en odontologie de Toulouse n°2015TOU33011