

**Ausgabe:** Jahrbuch Endodontie 2017, S. 8

**Thema:** Zahnerhalt vs. Implantologie

**Autoren:** Dr. Markus Lietzau, Margarita Lietzau, Fatima Azofra

---

## Literatur

1. **C. W. Schwarze** Die Problematik der kieferorthopädischen Extraktionslücke Journal of Orofacial Orthopedics. Vol. 29, Issue 2, pp 215-218 (June 1968).
2. **Firmani M. , Becerra N , Sotomayor C. , Flores G. , Salinas JC.** Therapeutic occlusion. From occlusal schools of thought to Evidence-based Dentistry (2012).
3. **Hülsmann M.** Endodontie; Thieme Stuttgart (2008).
4. **Trope M. and Debelian G.** Endodontics manual for the general dentist Quintessence United Kingdom (2005).
5. **Sanner F. Trohorsch D.** Endodontische Diagnostik Befundgebung von der Schmerzdiagnostik bis zum Behandlungsende Der freie Zahnarzt vol.58 issue10 p. 68-76 (Oct 2014).
6. **Hannig M.** Die Relevanz parontopathogener Keime bei endodontischen Misserfolgen und deren Synergismus in der Biofilmformation Universitätsklinikum Hamburg-Eppendorf (2012).
7. **Dennhardt H.** Ultraschal in der Endodontie- effektiv und vielseitig ZWP (Jul-Aug 2010).
8. **Krischan R.** Impacts of conservative endodontic cavity on root canal instrumentation efficacy and resistance to fracture assessed in incisors, premolars and molars. Thesis for the degree of Master of Science, Department of Dentistry University of Toronto (2013).
9. **Betancourt P, Aracena Rojas S., Navarro Cáceres P., Fuentes R.** Anatomical configuration of canalicular system in mesiobuccal root of maxillary first molar Av Odontoestomatol vol.31 issue 1 p. 11-18. ISSN 0213-1285 (2015).
10. **Cabral dos Santos C. Lins A. et al.** Operating microscope in endodontics: A systematic review. Open Journal of Stomatology vol. 83 p.1-5 (2013).
11. **Zaugg B, Stassinakis A. Hotz P.** Einfluss von Vergrößerungshilfen auf die Erkennung nachgestellter Präparations- und Füllungsfehler Schweiz Monatsschr. Zahnmed. Vol. 114 issue (2004).
12. **Kalla R. Kalla V.** Das Mikroskop in der Zahnarztpraxis. Quintessenz vol.56 issue4 (2005).
13. **Mathew S.T.** Risk and management of Sodium Hypochlorite in Endodontics Oral Hyg Health, Vol.3 Issue3 (2015).
14. **Kerbl M. Et al.** Physical effects of Sodium Hypochlorite on Bone: An ex vivo Study Journal of Endodontics (Jan 2012).
15. **Leitzbach C.A.** In vitro Untersuchung über die Aufbereitung gekrümmter Wurzelkanäle und unterschiedlichen maschinellen Antriebssystemen im Vergleich zu manuellen Technik- Veränderung der Kanalmorphologie nach Aufbereitung. Dissertation an der Johann Wolfgang Goethe-Universität Frankfurt am Main (2005).
16. **A Kierklo A., Tabor Z., Pawińska M., Jaworska M.** A microcomputed tomographybased comparison of root canal filling quality following different instrumentation and obturation techniques. Med Princ Pract vol.24 issue 1 p.84-91. doi: 10.1159/000368307 (2015).
17. **Siqueira JF. Et al.** Chemomechanical reduction of the bacterial population in the root canal after instrumentation and irrigation with 1%, 2,5% and 5,25% hypochlorite JOE vol. 26 Issue 6 p.331-334 (June 2000).
18. **Akshay K. Langalia et al.** Comparative evaluation of fracture resistance of endodontically treated teeth obturated with resin based adhesive sealers with

- conventional obturation technique: An in vitro study. Journal of International Oral Health vol.7 issue2 p.6-12 (2015).
- 19. **Wu M.K. et al** Does the first file to bind correspond to the diameter of the canal in the apical region? International Endodontic Journal vol.35 p.264-267 (2002).
  - 20. **Wu M-K. Wesserlink P.R.** A primary observation on the preparation an obturation of oval canals. International Endodontic Journal vol.34 p.137-141 (2001).
  - 21. **Basrani B.** Endodontic Irrigation: chemical disinfection of the root canal system Springer Switzerland (2015).
  - 22. **Chandrasekhar V. et al.** Comparative evaluation of antimicrobial efficacy of QMix TM 2 in 1, Sodium gypoclorite and chlorhexidine against Enterococcus faecalis and Candida Albicans. Journal of Conservative Dentistry vol.18 issue2 p.128-131(2015).
  - 23. **Ozkocak I. Sonat B.** Evaluation of Effects on the Adhesion of Various Root Canal Sealers after Er: laser and irrigants are used on the dentin surface JOE vol. 48 issue 8 p.1331-1336(2015).
  - 24. **Ureyen K. et al** Evaluation of the sealing ability of gutta-percha and thermoplastic synthetic polymer-based systems along the root canals through the glucose penetration model Oral Surg Oral Med Oral Pathol Oral Radiol Endod vol. 104 issue 6 p. 66-73 (2007).
  - 25. **Santos, J., et al.** Long - term sealing ability of resin - based root canal fillings. International endodontic journal 43.6 (2010): 455-460.
  - 26. **Castelo-Baz P. et al.** Ultramicroscopic study of the interface and sealing ability of four canal obturation methods: Resilon versus gutta-percha. Aust. Endodod J vol. 39 issue 3 p.159-163 (Dec 2011).
  - 27. **Tanomaru-Filho et al.** Effectiveness of gutta-percha and resilon in filling lateral root canals using thermomechanical technique Rev. Odontol vol. 42 issue1 p.37-41 (Jan-Feb 2013).
  - 28. **Von Arx T. Roux E. Bürgin W.** Treatment decision in 330 cases referred for apical surgery. JOE vol. 40 Issue 2 p.187-191 (Feb 2014).
  - 29. **Del Fabbro M. Taschieri S Weinstein R.** Quality of live after microscopic periradicular surgery using two different incision techniques: a randomized clinical study, International Endodontic Journal vol. 42 p. 360-367 (2009)
  - 30. **Brauer H.U.** Periradikuläre Chirurgie ZWR-Das Deutsche Zahnärzteblatt.vol.122 issue 11 (Nov 2013).
  - 31. **Bach G. et al** Jahrbuch Laserzahnmedizin 16. überarbeitete Auflage Torsten R. Oemus (2015).
  - 32. **Lietzau M, Smeets R., Hanken H., Heiland M, Apel C.** Apicectomy using Er:YAG Laser in association with microscope: A comparative retrospective Investigation. Photomedicine an Laser Surgery vol.31 issue3 p. 110-115 (March 2013).
  - 33. **Grey E.B. et al.** A qualitative study of patients motivations and expectations for dental implants. British Dental Journal vol. 214 issue1 (2013).
  - 34. **McCoulloch J.** The effect of implant thread design on implant stability in the early post-operative period, 2015.