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Thema: Prüfung eines neuartigen endodontischen Sealers

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Literatur

1 Shokouhinejad, N., et al., Penetration of Epiphany, Epiphany self-etch, and AH Plus into dentinal tubules: a scanning electron microscopy study. J Endod, 2011. 37(9): p. 1316-9.

2 Libonati, A., et al., Percentage of Gutta-percha-filled Areas in Canals Obturated by 3 Different Techniques with and without the Use of Endodontic Sealer. J Endod, 2018. 44(3): p. 506-509.

3 Gunes, B., et al., Dentinal tubule penetration of endodontic sealers after nontherma plasma treatment: A confocal laser scanning microscopy study. Microsc Res Tech, 2019: p. 1,6.

4 Li, G., et al., Ability of new obturation materials to improve the seal of the root canal system: A review. Acta Biomat, 2014. 10: p. 1050-63.

5 Faria-Junior, N.B., et al., Antibiofilm activity, pH and solubility of endodontic sealers. Int Endod J, 2013. 46(8): p. 755-62.

6 AlShwaimi, E., et al., In Vitro Antimicrobial Effectiveness of Root Canal Sealers against Enterococcus faecalis: A Systematic Review. J Endod, 2016. 42(11): p. 1588-1597.

7 Jeong, J.W., et al., Dentinal Tubule Penetration of a Calcium Silicate-based Root Canal Sealer with Different Obturation Methods. J Endod, 2017. 43(4): p. 633-637.

8 Gunes, B., et al., Dentinal tubule penetration of endodontic sealers after nontherma plasma treatment: A confocal laser scanning microscopy study. Microsc Res Tech, 2019. **2019**: p. 1.6.

9 Castellucci, A., Endodontics. 2004: Martina.

10 Chandrasekhar, V., et al., Expansion of gutta-percha in contact with various concentrations of zinc oxide-eugenol sealer: a three-dimensional volumetric study. J Endod, 2011. 37(5): p. 697-700.

11 Candeiro, G.T., et al., Evaluation of radiopacity, pH, release of calcium ions, and flow of a bioceramic root canal sealer. J Endod, 2012. 38(6): p. 842-5.

12 Michaud, R.A., et al., Volumetric expansion of gutta-percha in contact with eugenol. J Endod, 2008. 12: p. 1528–32.

13 De-Deus, G., et al., Lack of correlation between sealer penetration into dentinal tubules and sealability in nonbonded root fillings. Int Endod J, 2012. 45(7): p. 642-51.

14 Russell, A.A., et al., The butterfly effect: an investigation of sectioned roots. J Endod, 2013. 39(2): p. 208-10.

15 Russell, A.A., L.T. Friedlander, and N. Chandler, Sealer penetration and adaptation in root canals with the butterfly effect. Aust Endod J, 2017: p. 1-10.

16 Libonati, A., et al., Percentage of Gutta-percha-filled Areas in Canals Obturated by 3 Different Techniques with and without the Use of Endodontic Sealer. J Endod, 2017.

17 Ramage, G., et al., Antifungal, cytotoxic, and immunomodulatory properties of tea tree oil and its derivative components: potential role in management of oral candidosis in cancer patients. Front Microbio, 2012. 3: p. 220.

18 Hart, P.H., et al., Terpinen-4-ol, the main component of the essential oil of Melaleuca alternifolia (tea tree oil), suppresses inflammatory mediator production by activated human monocytes. Inflamm Res, 2000. 49: p. 619-26.

19 Thompson, G., et al., A randomized controlled trial of tea tree oil (5%) body wash versus standard body wash to prevent colonization with methicillin-resistant Staphylococcus aureus (MRSA) in critically ill adults: research protocol. BMC Infect Dis, 2008. 8: p. 161.

20 Hammer, K.A., et al., Susceptibility of oral bacteria to Melaleuca alternifolia (tea tree) oil in vitro. Microbiol Immunol, 2003. 18: p. 389-92.

21 Bagg, J., et al., Susceptibility to Melaleuca alternifolia (tea tree) oil of yeasts isolated from the mouths of patients with advanced cancer. Oral Oncol, 2006. 42: p. 487-92.
22 Straede, A., et al., The effect of tea tree oil and antifungal agents on a reporter for yeast cell integrity signalling. Yeast, 2007. 24: p. 321–34.

23 Abdel-fattah, W.S., et al., Histological and Histomorphometric Evaluation of Pharmacological Action of the Essential Oil of Melaleuca Alternifolia on Healing of Infected Alveolitis in Experimental Animals. J Interdiscipl Med Dent Sci, 2015. 3: p. 177.

24 Siqueira, J.F., Jr., Aetiology of root canal treatment failure: why well-treated teeth can fail. Int Endod J, 2001. 34(1): p. 1-10.

25 Cheesman, M.J., et al., Developing New Antimicrobial Therapies: Are Synergistic Combinations of Plant Extracts/Compounds with Conventional Antibiotics the Solution? Pharm Rev, 2017. 11(22): p. 57-72.

26 Enshaieh, S., et al., The efficacy of 5% topical tea tree oil gel in mild to moderate acne vulgaris: A randomized, double-blind placebo-controlled study. Indian J Dermatol Venereol Leprol, 2007. 73: p. 22-5.