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Thema: Schallbasierte Spülung im Wurzelkanal

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Literaturhinweise:

1. CLARK-HOLKE D. E COLL.: Bacterial penetration through canals of endodontically treated teeth in the presence or absence of the smear layer. J Dent 2003; 31: 275-81.
2. BAUMGARTNER JC, MADER CL.: A scanning electron microscopic evaluation of four root canal irrigation regimens. J Endod 1987; 13: 147-57.
3. PEREZ-HEREDIA M, FERRER-LUQUE CM, GONZALEZ-RODRIGUEZ MP.: The effectiveness of different acid irrigating solutions in root canal clearing after hand and rotary instrumentation. J Endod 2006; 32: 993-7.
4. TEIXEIRA CS, FELIPPE MC, FELIPPE WT.: The effect of application time of EDTA and NaOCl on intracanal smear layer removal:an SEM analysis. Int Endod J 2005; 38: 285-90.
5. GOODMA A., READER A., BECK M., MELFI R., MEYERS W.: An in vitro comparison of the efficacy of the step-back technique versus a step-back/ultrasonic technique in human mandibular molars. J Endod 1985; 11: 249-56.
6. LEE SJ, WU MK, WESSELINK PR.: The effectiveness of syringe irrigation and ultrasonic to remove debris from simulated irregularities within prepared root canal walls. Int Endod J 2004; 37: 672-8.
7. PASSARINHO-NETO G E COLL: In vitro evaluation of endodontic debris removal as obtained by rotary instrumentation coupled with ultrasonic irrigation. Aust Endod J 2006; 32: 123-8.
8. GUTARTS R E COLL: In vivo debridement efficacy of ultrasonic irrigation following hand-rotary instrumentation in human mandibular molars. J Endod 2005; 31: 166-70.
9. CHOW TW: Mechanical effectiveness of root canal irrigation. J Endod 1983; 9: 475-9.
10. ALACAM T.: Scanning electron microscope study comparing efficacy of endodontic irrigating systems. Int Endod J 1987; 20: 287-94.
11. SABINS RA E COLL.: A comparison of the clearing efficacy of short-term sonic and ultrasonic passive irrigation after hand instrumentation in molar root canals. J Endod 2003; 29: 674-8.
12. STAMOS DE E COLL.: An in vitro comparison study to quantify the debridement ability of hand, sonic and ultrasonic instrumentation. J Endod 1987; 13: 434-40.
13. TRONSTAD L E COLL.: Effectiveness and safety of a sonic vibratory endodontic instrument. Endod Dent Traumatol 1985; 1: 69-76.
14. LUMLEY PJ E COLL.: Streaming patterns produced around endosonic files. Int Endod J 1991; 24: 290-7.
15. ROY RA, AHMAD M., CRUM LA.: Physical mechanisms governing the hydrodynamic response of an oscillating ultrasonic file. Int Endod J 1994; 27: 197-207.
16. SCHÄFER E.: Effect of physical vapor deposition on cutting efficiency of nickel-titanium files. J. Endodon 2002; 28: 12.