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**Thema:** Die Aufbereitung mit reziproker Technik

**Autor:** Dr. Ralf Schlichting

1. Siqueira JF Jr. Endodontic Infections: concepts, paradigms and perspectives. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2002;94:281-93
2. Dalton BC, Orstavik d, Philips C, Pettiette M, Trope M. Bacterial reduction with nickel-titinaium rotary instrumentation. *J Endod* 1998;24:763-767
3. Sjögren U, Hägglund B, Sundqvist G, Wing K: Factors affecting the long term results of endodontic treatment. *Journal of Endodontics*; 1990(16): 498-504
4. Hülsmann , Hahn W: Complications during root canal irrigation-literature review and case reports. *Int Endod J* 2000;33:186-93
5. Sonntag D, Guntermann A, Kim SK, Stachniss V.. Department of Operative Dentistry, Philipps University, Marburg, Germany: Root canal shaping with manual stainless steel files and rotary Ni-Ti files performed by students. *Int Endod J.* 2003 Apr;36(4):246-55
6. Hulsmann M, Herbst U, Schafers F. Comparative study of root-canal preparation using Lightspeed and Quantec SC rotary NiTi instruments. *Int Endod J.* 2003;36:748–756
7. Grande NM, Plotino G, Pecci R, Bedini R, Malagnino VA, Somma F. Cyclic fatigue resistance and three-dimensional analysis of instruments from two nickel-titanium rotary systems. *Int Endod J.* 2006;39:755–763
8. Li UM, Lee BS, Shih CT, Lan WH, Lin CP. Cyclic fatigue of endodontic nickel titanium rotary instruments: static and dynamic tests. *J Endod.* 2002;28:448–451
9. Roane JB, Sabala CL, Duncanson MG Jr. : The "balanced force" concept for instrumentation of curved canals. *J Endod.* 1985 May;11(5):203
10. Yared G: Canal preparation using only one NiTi rotary instrument: preliminary observations. *Int Endod J* 2008 Apr;(41): 339-44
11. Sung Yeop-You, Kwang\_shik Bae: Lifespan of Nickel-Titanium Rotary File with reciprocating motion in curved canals. *J Endod* 2010;36:1991-94
12. Ricardo Castello \_Escriva, Teresa Alegre-Domingo, Vicente Faus-Matoses, Sophie Roma\_n-Richon and Vicente J. Faus-Lla\_cer: In Vitro Comparison of Cyclic Fatigue Resistance of ProTaper, WaveOne, and Twisted Files; Article in Press
13. Vittorio F, Fabiano V, Taschieri S: Investigation of Shaping Ability of Nickel-Titanium Files when used in Reciprocating Motion.. *J Endod* 2011;37:1398-1401

14. Paque F, Zehnder M, De-Deus G: Microtomography based comparison of reciprocating single file Pro Taper F2 technique versus rotary full sequence. *J Endod* 2011;37:1394-97
15. Bürklein S, Schäfer E: Apically Extruded Debris with Reciprocating Single-File and Full-sequence Rotary Instrumentation Systems. *J Endod* 2012;38; 850-52
16. De-Deus G, Brandão MC, Barino B, Di Giorgi K, Fidel RA, Luna AS: Assessment of apically extruded debris produced by the single-file ProTaper F2 technique under reciprocating movement. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2010 Sep;110(3):390-4.
17. Solaiman M.S. Al-Hadlaq :Evaluation of Cyclic Flexural Fatigue of M-Wire Nickel-Titanium Rotary Instruments. *J Endod*;2010;36; 305-07
18. Buerklein S, Hinschitzka K, Dammaschke T, Schaefer E. Shaping ability and cleaning effectiveness of two single-file systems in severely curved root canals of extracted teeth: Reciproc and WaveOne versus Mtwo and ProTaper. *Int Endod J* (in press).
19. Bonaccorso A, Cantatore G, Condorelli GG, Schaefer E, Tripi TR. Shaping ability of four nickel-titanium rotary instruments in simulated S-shaped canals. *J Endod* 2009;35:883–6.
20. Vittorio F, Fabiano V, Taschieri S: Investigation of Shaping Ability of Nickel-Titanium Files when used in Reciprocating Motion.. *J Endod* 2011;37;1398-1401
21. Sonntag D, Peters O: Effect of Decontamination Protocols on Nickel-Titanium Rotary surfaces. *J Endod* 2007;4;442-46
21. Kim H-C, Kwak S-W, Cheung GS, Ko D-H, Chung S-M, Lee W (2012) Cyclic fatigue and torsional resistance of two new nickel-titanium instruments used in reciprocation motion: Reciproc versus WaveOne. *J Endod*; 38, 541-4.
22. Webber J, Machtou P, Pertot W, Kuttler S, Ruddle C, West J. The WaveOne single-file reciprocating system. *Roots* 2011;1:28–33.
23. Gambarini G, Gergi R, Naaman A, et al. Cyclic fatigue analysis of twisted file rotary NiTi instruments used in reciprocating motion. *Int Endod J* 2012 Mar 19. doi: 10.1111/j.1365-2591.2012.02036.x. [Epub ahead of print].
24. Paque F, Zehnder M, De-Deus G: Microtomography based comparison of reciprocating single file Pro Taper F2 technique versus rotary full sequence. *J Endod* 2011;37:1394-97
25. Caviedes-Bucheli<sup>1</sup>, J. O. Moreno<sup>1</sup>, C. P. Carreño<sup>1</sup>, R. Delgado<sup>1</sup>, D. J. Garcia, DDS<sup>1</sup>, J. Solano<sup>1</sup>, E. Diaz<sup>2</sup> & H. R. Muñoz<sup>3</sup>: The effect of single-file reciprocating systems on Substance P and Calcitonin gene-related peptide expression in human periodontal ligament