

Literatur zu Wurzellängsfrakturen

1. Chan CP, Tseng SC, Lin CP, Huang CC, Tsai TP, Chen CC. Vertical root fracture in nonendodontically treated teeth--a clinical report of 64 cases in Chinese patients. *J Endod.* 1998;24(10):678-81.
2. Seo DG, Yi YA, Shin SJ, Park JW. Analysis of factors associated with cracked teeth. *J Endod.* 2012;38(3):288-92
3. Özer SY, Ünlü G, Değer Y Diagnosis and treatment of endodontically treated teeth with vertical root fracture: three case reports with two-year follow-up. *J Endod.* 2011;37(1):97-102
4. Tsesis I, Rosen E, Tamse A, Taschieri S, Kfir A. Diagnosis of vertical root fractures in endodontically treated teeth based on clinical and radiographic indices: a systematic review. *J Endod.* 2010;36(9):1455-8.
5. Cohen S, Blanco L, Berman L. Vertical root fractures: clinical and radiographic diagnosis. *J Am Dent Assoc.* 2003;134(4):434-41.
6. Shemesh H, Roeleveld AC, Wesselink PR, Wu MK. Damage to root dentin during retreatment procedures. *J Endod.* 2011;37(1):63-6.
7. Kim HC, Lee MH, Yum J, Versluis A, Lee CJ, Kim BM. Potential relationship between design of nickel-titanium rotary instruments and vertical root fracture. *J Endod.* 2010 Jul;36(7):1195-9. Epub 2010 Mar 15.
8. Zandbiglari T, Davids H, Schäfer E. Influence of instrument taper on the resistance to fracture of endodontically treated roots. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2006;101(1):126-31.
9. Lertchirakarn V, Palamara JE, Messer HH. Load and strain during lateral condensation and vertical root fracture. *J Endod.* 1999;25(2):99-104.
10. Madarati AA, Qualtrough AJ, Watts DC. Effect of retained fractured instruments on tooth resistance to vertical fracture with or without attempt at removal. *Int Endod J.* 2010;43(11):1047-53.
11. Madarati AA, Qualtrough AJ, Watts DC: Vertical fracture resistance of roots after ultrasonic removal of fractured instruments. *Int Endod J.* 2010;43(5):424-9
12. Khedmat S, Rouhi N, Drage N, Shokouhinejad N, Nekoofar MH. Evaluation of three imaging techniques for the detection of vertical root fractures in the absence and presence of gutta-percha root fillings. *Int Endod J.* 2012; 6. doi: 10.1111/j.1365-2591.2012.02062.x. [Epub ahead of print]
13. da Silveira PF, Vizzotto MB, Liedke GS, da Silveira HL, Montagner F, da Silveira HE. Detection of vertical root fractures by conventional radiographic examination and cone beam computed tomography - an in vitro analysis. *Dent Traumatol.* 2012 Mar 13. doi: 10.1111/j.1600-9657.2012.01126.x. [Epub ahead of print]
14. Kambungton J, Janhom A, Prapayastok S, Pongsiriwet S. Assessment of vertical root fractures using three imaging modalities: cone beam CT, intraoral digital radiography and film. *Dentomaxillofac Radiol.* 2012;41(2):91-5.
15. Özer SY. Detection of vertical root fractures by using cone beam computed tomography with variable voxel sizes in an in vitro model. *J Endod.* 2011 ;37(1):75-9

16. Cotton TP, Geisler TM, Holden DT, Schwartz SA, Schindler WG. Endodontic applications of cone-beam volumetric tomography. *J Endod.* 2007;33(9):1121-32.
17. Tang L, Zhou XD, Wang Y, Zhang L, Zheng QH, Huang DM. Detection of vertical root fracture using cone beam computed tomography: report of two cases. *Dent Traumatol.* 2011;27(6):484-8
18. Edlund M, Nair MK, Nair UP. Detection of vertical root fractures by using cone-beam computed tomography: a clinical study. *J Endod.* 2011;37(6):768-72
19. Tang W, Wu Y, Smales RJ. Identifying and reducing risks for potential fractures in endodontically treated teeth. *J Endod.* 2010;36(4):609-17