

표 254. 치과1 핵심질문4 근거표

핵심질문 4

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Wenzel A, Kirkevang L-L. High resolution charge-coupled device sensor vs. medium resolution photostimulable phosphor plate digital receptors for detection of root fractures in vitro. <i>Dent Traumatol</i> 2005;21:32-6.	experimental	47 teeth	1
Kamburoglu K, Cebeci ARI, Grondahl HG. Effectiveness of limited cone-beam computed tomography in the detection of horizontal root fracture. <i>Dent Traumatol</i> 2009;25:256-61.	experimental	36 teeth	2
Bernardes RA, deMoraes IG, Húngaro Duarte MA, Azevedo BC, de Azevedo JD, Bramante CM. Use of cone beam volumetric tomography in the diagnosis of root fractures. <i>Oral Surg Oral Med Oral Pathol Oral Radiol Endod</i> 2009; 108: 270-277.	experimental	20	1
Hassan B, Metska ME, Ozok AR, van der Stelt P, Wesselink PR. Detection of vertical root fractures in endodontically treated teeth by a cone beam computed tomography scan. <i>J Endod</i> 2009; 35: 719-722.	experimental	80 teeth	
Ózer SY. Detection of vertical root fractures of different thicknesses in endodontically enlarged teeth by cone beam computed tomography versus digital radiography. <i>J Endod</i> 2010; 36: 1245-1249.	experimental	80 teeth	
Varshosaz M, Tavakoli MA, Mostafavi M, Baghban AA. Comparison of conventional radiography with cone beam computed tomography for detection of vertical root fractures: an in vitro study. <i>J Oral Sci</i> 2010; 52: 593-597.	experimental	100 teeth	
Kamburoğlu K, Murat S, Yüksel SP, Cebeci AR, Paksoy CS. Detection of vertical root fracture using cone-beam computerized tomography: an in vitro assessment. <i>Oral Surg Oral Med Oral Pathol Oral Radiol Endod.</i> 2010c;109: e63-69.	experimental	60 teeth	
Hassan B, Metska ME, Ozok AR, van der Stelt P, Wesselink PR.. Comparison of five cone beam computed tomography systems for the detection of vertical root fractures <i>J Endod</i> 2010; 36:126-129.	experimental	80 teeth	
Edlund M, Nair MK, Nair UP. Detection of vertical root fractures by using cone beam computed tomography: A clinical study. <i>J Endod</i> 2011;37(6):768	observational	32 teeth	

-72.			
V. A. F. Wanderley, D. Q. Haiter-Neto, F. Oliveira, M. L., Influence of Tooth Orientation on the Detection of Vertical Root Fracture in Cone-beam Computed Tomography, <i>J Endod</i> 2018;44:1168-1172	experimental	30	
Ezzodini Ardakani F, Razavi SH, Tabrizizadeh M. Diagnostic value of cone-beam computed tomography and periapical radiography in detection of vertical root fracture. <i>Iranian Endodontic Journal</i> 2015;10(2): 122-126	experimental	80 teeth	
Salineiro FCS, Kobayashi-Velasco S, Braga MM, Cavalcanti MGP. Radiographic diagnosis of root fractures: a systematic review, meta-analyses and sources of heterogeneity. <i>Dentomaxillofacial Radiology</i> (2017) 46, 2017040	review	47 studies	
Amintavakoli N, Spivakovsky S. Reliability of CBCT diagnosing root fractures remains uncertain. <i>Evid Based Dent.</i> 2017 Mar;18(1):23.	review	12 studies	
Kobayashi-Velasco S, Salineiro FC, Gialain IO, Cavalcanti MG. Diagnosis of alveolar and root fractures: an in vitro study comparing CBCT imaging with periapical radiographs. <i>J Appl Oral Sci.</i> 2017 Mar-Apr;25(2):227-233.	experimental	75 teeth	
Talwar S, Utneja S, Nawal RR, Kaushik A, Srivastava D, Oberoy SS. Role of Cone-beam Computed Tomography in Diagnosis of Vertical Root Fractures: A Systematic Review and Meta-analysis. <i>J Endod.</i> 2016 Jan;42(1):12-24.	review	11 review 4 meta	
Chang E, Lam E, Shah P, Azarpazhooh A. Cone-beam Computed Tomography for Detecting Vertical Root Fractures in Endodontically Treated Teeth: A Systematic Review. <i>J Endod.</i> 2016 Feb;42(2):177-85.	review	4 studies with a total of 130 patients	
Ma RH, Ge ZP, Li G. Detection accuracy of root fractures in cone-beam computed tomography images: a systematic review and meta-analysis. <i>Int Endod J.</i> 2016 Jul;49(7):646-54.	review	13 studies	