

표 1. 치과 핵심질문 3 근거표

핵심질문 3

문헌정보	연구유형	대상자 수	문헌 질 KCIG
Ericson S, Kurol J (1988) Early treatment of palatally erupting maxillary canines by extraction of the primary canines European Journal of Orthodontics 10, 283-95.	observational	35	4
Segal GR, Schiffman PH, Tuncay OC (2004) Meta analysis of the treatmentrelated factors of external apical root resorption Orthodontic Craniofacial Research 7, 71-8.	meta analysis	61	3
Roscoe MG, Meira JB, Cattaneo PM (2015) Association of orthodontic force system and root resorption: A systematic review American Journal of Orthodontics and Dentofacial Orthopedics 147, 610-26.	systematic review	514	2
Sameshima GT, Asgarifar KO. Assessment of root resorption and root shape: periapical vs panoramic films. Angle Orthod. 2001 Jun;71(3):185-9.	observational	42	4
Witcher TP, Brand S, Gwilliam JR, McDonald F. Assessment of the anterior maxilla in orthodontic patients using upper anterior occlusal radiographs and dental panoramic tomography: a comparison. Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2010;109(5):765-74.		250	3
Nohadani N, Ruf S. Assessment of vertical facial and dentoalveolar changes using panoramic radiography. Eur J Orthod 2008;30(3):262-8.	observational	30	4
Garvey MT, Barry HJ, Blake M. Supernumerary teeth--an overview of classification, diagnosis and management. J Can Dent Assoc 1999;65(11):612-6.	review		5
Tsai HH. Panoramic radiographic findings of the mandibular growth from deciduous dentition to early permanent dentition. J Clin Pediatr Dent 2002;26(3):279-84.	observational	30	4
Anthonappa RP, King NM, Rabie AB, Mallineni SK. Reliability of panoramic radiographs for identifying supernumerary teeth in children. Inter J Paediatr Dent 2012;22(1):37-43		450	2
Gavala S, Donta C, Tsiklakis K, et al. Radiation dose reduction in direct digital panoramic radiography. Eur J Radiol 2009;71(1):42-8.			3
Alcaraz M, Parra C, Martinez Beneyto Y, Velasco E, Canteras M. Is it true that the radiation dose to which patients are exposed has decreased with modern radiographic films? Dentomaxillofac Radiol 2009;38(2):92-7.			4
Dannewitz B, Hassfeld S, Eickholz P, Muhling J. Effect of dose reduction in digital dental panoramic radiography on		100	3

image quality. Dentomaxillofac Radiol 2002;31(1):50-5.			
Kaeppler G, Dietz K, Herz K, Reinert S. Factors influencing the absorbed dose in intraoral radiography. Dentomaxillofac Radiol 2007;36(8):506-13.			4
Bjerklin K, Ericson S. How a computerized tomography examination changed the treatment plans of 80 children with retained and ectopically positioned maxillary canines. Angle Orthod. 2006;76:43-51.	observational	80	4
Haney E, Gansky SA, Lee JS, et al. Comparative analysis of traditional radiographs and cone-beam computed tomography volumetric images in the diagnosis and treatment planning of maxillary impacted canines. Am J Orthod Dentofacial Orthop. 2010;137:590-597.	observational	18	4
Hodges RJ, Atchison KA, White SC. Impact of cone-beam computed tomography on orthodontic diagnosis and treatment planning. Am J Orthod Dentofacial Orthop. 2013 May;143(5):665-74.	interview	219	5
Pearce MS, Salotti JA, Little MP, et al. Radiation exposure from CT scans in childhood and subsequent risk of leukaemia and brain tumours: a retrospective cohort study. Lancet. 2012;380: 499-505.	retrospective cohort study	355,191	3
Theodorakou C, Walker A, Horner K, Pauwels R, Bogaerts R, Jacobs R; SEDENTEXCT Project Consortium. Estimation of paediatric organ and effective doses from dental cone beam CT using anthropomorphic phantoms. Br J Radiol. 2012;85: 153-160.	phantom study		3