Session – Dealing with CBCT and 3-D Imaging: Consensus Conference

References:

Three-dimensional ultrasound diagnostics of tongue posture in children with unilateral posterior crossbite
Jure Volk, Maksimiljan Kadivec, Maja Mušič Marolt and Maja Ovsenik
Ljubljana, Slovenia
Am J Orthod Dentofac Orthop 2010; 138:608-612

Effective dose of dental CBCT—a meta analysis of published data and additional data for nine CBCT units
J B Ludlow, R Timothy, C Walker, R Hunter, E Benavides, D B Samuelson, and M J Scheske
Published online 2014 Oct 15. doi: 10.1259/dmfr.20140197

Accuracy of linear intraoral measurements using cone beam CT and multidetector CT: a tale of two CTs
R Patcas, G Markic, L Müller, O Ulrich, T Peltomäki, C J Kellenberger, and C A Karlo
doi: 10.1259/dmfr/21152480

Localization of impacted maxillary canines using cone beam computed tomography. Review of the literature
Giulia Rossini, DDS, PhD Student, Costanza Cavallini, MD, Michele Casserta, DDS, PhD, Gabriella Galluccio, DDS, and Ersilia Barbato, DDS, MS
Published online 2012 May 3

Cone-beam computed tomography: Time to move from ALARA to ALADA
Prashant P. Jaju and Sushma P. Jaju
Published online 2015 Dec 17. doi: 10.5624/isd.2015.45.4.263
CBCT in orthodontics: assessment of treatment outcomes and indications for its use
S D Kapila and J M Nervina
Published online 2014 Nov 24. doi: 10.1259/dmfr.20140282

Incorrect orofacial functions until 5 years of age and their association with posterior crossbite.
Ovsenik M.

Three-dimensional cone beam computerized tomography in orthodontics
Kau CH, Richmond S, Palomo JM, Hans MG
J Orthod 2005; 32:282-293

The current status of cone beam computed tomography imaging in orthodontics
Kapila S, Conley RS, Harrell WE Jr.
Dentomaxillofac Radiol 2011; 40:24-34

Artefacts in CBCT: a review
Schulze R, Heil U, Groβ D, Brueellmann DD, Dranischnikow E, Schwancke U, Schoemer E.
Dentomaxillofac Radiol 2011; 40:265-273

Follow-up study of functional and morphological malocclusion trait changes from 3 to 12 years of age
Ovsenik M, Farčni, FM, Korpar M, Verdenik I.

Technical aspects of dental CBCT: state of the art
Pauwels R, Araki K, Siewerdsen JH, Thongvigitmanee SS.
Dentomaxillofac Radiol 2015; 44:20140224

Spatial resolution in CBCT machines for dental/maxillofacial applications—what do we know today?
Brüllmann D, Schulze RKW.
Dentomaxillofac Radiol 2015; 44:20140204

Three-dimensional evaluation of upper airway following rapid maxillary expansion
El H, Palomo JM
Angle Orthod 2014; 84:265-273

Cone-beam computed tomography transverse analysis. Part I: Normative data
Miner RM, Al Qabandi S, Rigali PH, Will LA

Cone-beam computed tomography transverse analysis. Part II: Measures of performance
Miner RM, Al Qabandi S, Rigali PH, Will LA.
A 2D ultrasound evaluation of swallowing in children with unilateral posterior crossbite
Ovsenik M, Volk J, Marolt MM
Eur J Orthod 2014; 36:665-671

An analysis of different approaches to the assessment of upper airway morphology: a CBCT study
Lenza MG, Lenza MM, Dalstra M, Melsen B, Cattaneo PM
Orthod Craniofac Res. 2010; 13:96-105

The relationship between upper airways and craniofacial morphology studied in 3D. A CBCT study.
Di Carlo G1, Polimeni A, Melsen B, Cattaneo PM.
Orthod Craniofac Res. 2015; 18:1-11

Cone-beam computerized tomography imaging and analysis of the upper airway: a systematic review of the literature
Guijarro-Martínez R1, Swennen GR.