

Die Möglichkeiten der digitalen Volumentomographie in der Implantologie

Dr. Petra Rugani/Graz

Implantologie Journal 2/2010

Literaturliste

Fuhrmann A, Schulze D, Rother U, Vesper M. Digitale transversale Schichtverfahren in der dento-maxillo-fazialen Radiologie. *Int Comp Dent* 2003;6:129-140.

Harris D, Buser D, Dula K, Gröndahl K, Harris D, Jacobs R, Lekholm U, Nakielny R, van Steenberghe D, van der Stelt P. E.A.O. Guidelines for the use of Diagnostic Imaging in Implant Dentistry. *Clin Oral Impl Res* 2002; 13:566-570.

Hashimoto K, Arai Y., Iwai K., Araki M., Kawashima S., Terakado M.: *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2003;95:371-377.

Hinze M, Thalmeier T, Bolz W, Wachtel H Computerunterstützte Navigation in der oralen Implantologie Klinische Aspekte. *Implantologie* 17 (2009), 4; 401-414.

Hol C, Olerud HM, Landmark ID, Friberg EG, Torgersen G, Svaenics DB. Low-dose MDCT and CBCT: Dose comparison. *Proceedings: 11th Congress of the European Academy of Dentomaxillofacial Radiology* 2008.

Kal BI, Lofthag-Hansen S, Thilander-Klang A, Dundar N, Ekestubbe A. Comparison of absorbed organ doses from cone-beam computed, low dose computed and conventional motion tomographic examinations of the maxillofacial region. *Proceedings: 11th Congress of the European Academy of Dentomaxillofacial Radiology* 2008.

Kau C, Richmond S, Palomo JM, Hans MG. Current products and practice. Three dimensional cone beam computerized tomography in orthodontics. *J Orthodon* 2005;32:282-293

Kau C, Richmond S, Palomo JM, Hans MG. Current products and practice. Three dimensional cone beam computerized tomography in orthodontics. *J Orthodon* 2005;32:282-293.

Kobayashi K, Shimoda S, Nakagawa Y, Yamamoto A. Accuracy in measurement of distance using limited cone-beam computerized tomography. *Int J Oral Maxillofac Implants*. 2004 Mar-Apr;19(2):228-31.

Loubele M, Van Assche N, Carpentier K, Maes F, Jacobs R, van Steenberghe D, Suetens P. Comparative localized linear accuracy of small-field cone-beam CT and multislice CT for alveolar bone measurements. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2008;105: 512-518

Ludlow JB, Davies-Ludlow LE, Brooks SL, Howerton WB. Dosimetry of 3 CBCT devices for oral and maxillofacial radiology: CB Mercuray, NewTom 3G and i-CAT. *Dentomaxillofac Radiol* 2006;35:219-226.

Ludlow JB, Ivanovic M. Comparative dosimetry of dental CBCT devices and 64-slice CT for oral and maxillofacial radiology: Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2008 Jul;106(1):106-14.

Möbes O, Becker J, Schnell C, Ewen K, Kemper J, Cohen M. Strahlenexposition bei der Digitalen Volumentomographie, Panoramaschichtaufnahme und Computertomographie. Deutsch Zahnärztl Z 2000;55:336-339.

Richtlinie 97/43/Euratom Rates vom 30. Juni 1997 Amtsblatt Nr. L 180 vom 09/07/1997: 22 - 27

Rugani P, Kirnbauer B, Arnetzl GV, Jakse N Cone beam computerized tomography: basics for digital planning in oral surgery and implantology. Int J Comput Dent. 2009;12(2):131-45.

Van Assche N, van Steenberghe D, Guerrero ME, Hirsch E, Schutyser F, Quirynen M, Jacobs R. Accuracy of implant placement based on pre-surgical planning of three dimensional cone-beam images: a pilot study. J Clin Periodontol. 2007 Sep;34(9):816-21.