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Cone beam computed tomography: A bird's eye view

Cone Beam Computerized Technology (CBCT) offers 3-dimensional visualization of complex oro-facial region with more precise information compared to analog/digital radiographs. It is an accurate tool for various pathologies of oral-maxillofacial region, with lower radiation doses than Computerized Tomography (CT). CBCT has gained more popularity in short span of time and clinicians are rapidly realizing the significant advantages of CBCT imaging. This presentation would be elaborating on basic principles of CBCT, implant planning, imaging of oro-facial structures, importance of third party software and use of CBCT in dental field.

Biography

Ranjitkumar Patil is presently working as a Professor and Head in Department of Oral Medicine and Radiology, Faculty of Dental Sciences, KGMU, Lucknow, India. He has graduated from Government Dental College, Nagpur, India in year 1992 and subsequently Post-graduated in Oral Medicine and Radiology from Government Dental College, Nagpur in year 1998. He has more than 20 years of undergraduate and postgraduate teaching experience. He has delivered various invited talks in different institutions in India and abroad with special interest in oral radiology. He has number of national and international publications in reputed and indexed journals.

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