



Changing paradigms in Maxillary Sinus management and alveolar Augmentation in modern 3D implant dentistry

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Abstract:

Implant dentistry defined the next step beyond routine modalities of salvaging dilapidated dentition with root canals, crowns and bridges. Major focus turned towards full arch rehabilitations on implants but limitations were in negotiating critical anatomic structures like the maxillary sinus, and the inferior alveolar nerve or poor bone anatomy. Modern dentistry with sophistication in 3D diagnostic technologies, evolution in tools for surgical management of bone and newer biomaterials in grafting ranging from bone substitutes, barrier membranes and use of Platelet Rich Plasma and growth factors now yields better, bolder and predictable outcomes to rehabilitations which earlier was considered difficult.

The talk reviews a full overview and comparative benefits and pit falls of all.

Biography:

Dr. Rajesh Dashaputra completed his Bachelor of Dentistry (B.D.S.) from University of Mumbai in 1985. He has trained in implantology very early when implants were introduced in India and joined as a member of ICOI (International Congress of Oral Implantologists) since 1995. He has been working in prestigious research institution of BARC under the dept. of Atomic Energy, govt. of IN-



DIA for more than 23 years as a busy consultant dental implant surgeon with full use of digital technologies including CT and CAD CAM. He now has mastered and conducted more than 16 implant systems and mentors for few of the leaders. He also completed PGDM in Clinical Research with specialisation in CDM (clinical data management). He has further pioneered in another area of interest- healthcare informatics. He is fully trained students in implantology, computer guided solutions in dental treatments, healthcare software systems and telemedicine. He regularly speaks at international events and also has many publications including prestigious IJME (Indian journal of medical Ethics) ? Canadian dialogue (due) and JDHODT and involved in stem cell and biomaterials research.

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