



PROFILE

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TOPIC

"Introduction to Sinus Lifting & Contemporary Solutions for Implant Supported Reconstructions of the Posterior Maxilla"

In contemporary dental implantology, sinus lift operations became the golden standard of care for cases with a limited amount of vertical height in the posterior maxilla. Various surgical techniques for sinus lifting are continuously demonstrated and published in the literature, but of those, direct (lateral window approach) and indirect (internal sinus lifting / crestal approach using osteotomes) lifting techniques are the most commonly used techniques so far. There are various modifications to each technique such as the “balloon technique” for the sinus elevation with the crestal approach. With the advances in the biomaterials’ science, numerous biomaterials and bone grafts are recommended in the literature to augment the maxillary sinus prior to placing implants.

This lecture will focus on the science and most commonly used surgical application techniques of the sinus lift operations with emphasis on correct diagnosis and treatment planning, surgical instrumentation for the procedure, commonly encountered difficulties, and management of complications