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Maxillary sinus floor elevation via crestal approach: The hydraulic pressure technique

Ren-Yeong Huang
Tri-Service General Hospital, China

For many clinicians, inadequate alveolar bone height and anatomical features of the maxillary sinus complicate sinus lift procedures and placement of endosseous implants. We review the recent advance in sinus elevation and present a series of cases using the new internal crestal approach that addresses these issues and. A new device for maxillary sinus membrane elevation by the crestal approach using a special drilling system and hydraulic pressure, and placing dental implants placed after asinuslift procedure. Our experience suggests thathydraulicsinus condensing is a predictable and minimally invasive alternative for prosthetic rehabilitation of maxillary anterior and posterior regions in the presence of anatomical restrictions to implant placement.

Biography

Ren-Yeong Huang has completed his DDS, Periodontology training and PhD degree in Oral Biology and Immunology from National Defense Medical Center. He is currently an Assistant Professor in Periodontology and the Director of the advanced implant center at the Tri-ServiceGeneralHospital. He is also a diplomate of the Taiwan Academy Board of Periodontology and Implantology, and serves as Editorial Board Member and ad hoc Reviewer for peer-review journals. His research interests in clinical- and basic- oriented topics, including pathogenesis of periodontal disease, bone regeneration and dental implant therapies has led to his extensive publication in peer-reviewed journals.

ndmcandy@mail.ndmctsgh.edu.tw