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Bone graft hints and management of complicated cases

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Implant placement has become a routine surgical procedure, and good results are achieved with a high degree of predictability. However, the most challenging cases in implant therapy is to deal with extreme bone loss, and ridge resorption as to re-establish the three dimensional architecture of hard and soft tissue ridge deformities before and during implant placement procedures.

With the intense interest in posterior maxillary and mandibular reconstruction with implant therapy, coupled with anterior sites that do not have adequate bone for correct positioning of the implant, graft procedures has significantly increased by the implant surgeons.

Augmentation procedures, are needed when the pre-existing bone height doesn't allow for a correct tridimensional implant insertion, when proper primary stability cannot be reached or when the prosthetic rehabilitation will provide an unfavorable crown/root ratio. In such situations, bone augmentation procedures are capable of providing positive results.

This presentation will describe the uses of various technique and materials in the presence of vertical and horizontal ridge deficiencies as we will focus how to attain maximum result during sinus floor elevation in the context of our own long clinical experience. Factors that contribute to implant success will be reviewed along with comparisons to other commonly used techniques.

We will try to focus on the predictability of successful outcomes, reducing the risk of complications.

Biography

Hamdy Al Banna DDS, MS. earned his dental degree from Saint Joseph University School of Dentistry. He is a clinical assistant at the Saint Joseph University. He maintains a full-time private practice in Dubai and Lebanon. He has lectured extensively, nationally and internationally, on topics relating to osseointegrated implants. Dr Al Banna serves also as a consultant and scientific advisor for the 3I Biomet implant in Dubai.

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