



Lecture Abstract

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Main implantological topics:

- Ridge augmentation with minor/major autogenous bone grafts
- Vertical alveolar distraction osteogenesis

Professional skills:

- Dental implantology/pre-prosthetic surgery
- Orthognathic and maxillofacial reconstructive surgery
- TMJ disorders & surgery

Bone grafting guidelines for end-stage cases

Implant reconstruction of severely atrophied jaws is a real challenge for dental practitioners. Predictability and long-term success become questionable when implantation in compromised regions is performed with great difficulty without any osseous reconstruction of severely resorbed alveolar bone. Reconstruction of severely atrophied jaws owes special considerations apart from well-known reconstructive procedures. Surgical procedures should be judged prior to augmentation surgeries for such patients since atrophic jaw bones are prone to jaw fractures during implant placements, the vascular nourishment is periosteal and healing process of geriatric patients is relatively slower. The main goal of this lecture is to specify the key points for successful bony reconstruction of end-stage skeletal atrophic cases and to determine "which" reconstructive technique should be done "when" and "how".