



Lecture Abstract

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Main implantological topics:

- Computer-guided implantology

Professional skills:

- Bone splitting
- Bone augmentation
- Sinus lift

Borderline cases in implantology

The placement of implants in the vertically and horizontally resorbed maxilla for a fixed prosthodontic reconstruction still presents a challenge to the therapist. Optimizing the residual bone is necessary to enable acceptable implant placement and positioning.

A new method for the reconstruction of the extremely atrophied maxilla is presented in two edentulous patients. This extensive osseous augmentation (GBR) was performed by using bilateral sinus grafts, simultaneous ridge splitting and guided bone regeneration with bone harvested from intraoral sites and bone replacement material.

In both patients, the osseous reconstruction of the residual ridge allowed the placement of implants for a fixed bridge reconstruction.