

Edentulous Solutions – Moderate Bone Resorption

Full mouth Reconstruction with Implant Supported Ceramic Restorations

Patient: 56 year old female, presented with upper and lower dentures that were constructed after extraction of most of her remaining teeth approximately 1 year prior. **Chief complaint:** Discomfort of dentures, changes in speech and insecurity of worrying that the dentures might fall out. In addition, wish to improve esthetic appearance, and a removable device felt “foreign” to her.

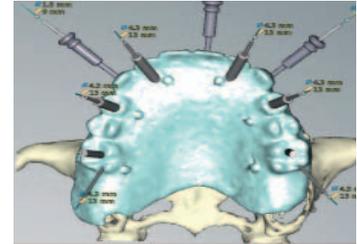
Overall Health: Very good, no medical issues. **Oral Examination:** Edentulous maxilla and mandible, moderate bone resorption, top of the edentulous ridge outside the esthetic zone. **Decision:** Fixed implant-supported bridges for high comfort, stability and esthetics. Implant treatment planning in NobelClinician software and a flapless implant placement using NobelGuide. Use of fixed temporary restorations at the time of implant placement. **Time for total treatment:** 6 months



Pre-op radiographic analysis showed adequate bone height in the mandible and anterior maxilla for implant placement. Posterior maxilla showed enlarged maxillary sinuses



New dentures incorporating the prosthetic dimensions of arch form, vertical dimension and occlusal plane were fabricated and used for the surgical template and provisional restoration.



NobelClinician software uses digital planning to identify the optimal position of implants within the available bone to optimally support the replacement teeth.



After verification of adequate stability of the implants, a provisional bridge was placed. Prior to taking the final impression, mature stable soft tissue topography is desired.



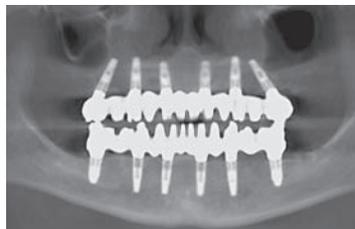
Six months after initial implant placement, the soft tissues in the mandible and maxilla had fully matured and final impressions were obtained.



NobelProcera Implant Bridge Zirconia frameworks were developed based on the provisional restorations, and evaluated in the patients mouth for proper passive fit.



Fixed implant supported, screw-retained restorations. Porcelain veneering with gingival and tooth shades creates a harmonious replacement for the missing teeth and soft tissue.



Post-op radiograph with zirconia restorations in place. Tilting of posterior implants along anterior walls of maxillary sinus allows posterior support without sinus grafts.



The patient was extremely pleased with the outcome of the treatment. The smile picture depicts successful intraoral integration of the implant-supported restorations.