

OraGRAFT® Cortical Plate | OraGRAFT® MD 70/30

Vertical Ridge Reconstruction with Allogenic Grafting Options

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CASE STUDY

Patient & Diagnosis:

- A 58-year-old partially edentulous woman with no systemic disease presented requesting fixed dental rehabilitation treatment. Severe atrophy of the right mandible was observed.

Previous Treatment:

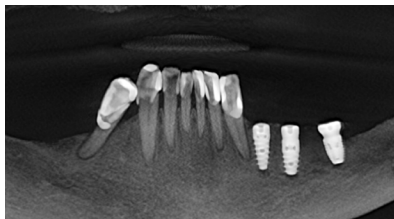
- She previously had a vertical reconstruction procedure with a Teflon membrane that failed due to premature exposure and infection.

Intervention:

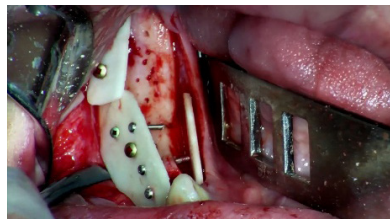
- A Biological box with two allogenic cortical plates (OraGraft® Cortical Plate) and 2.5 cc of OraGraft® MD 70/30 was placed inside the biologic box (See below). A long-lasting porcine collagen membrane was also applied.

Outcome:

- The implants were placed after a six-month healing period. We waited another four months for the implant osseointegration. Following this period, we connected the implant to the provisional fixed restoration. Approximately 1 cm of vertical augmentation was achieved, thereby improving soft tissue quality.



Severe vertical atrophy.



Biological box with the OraGraft Cortical Plate.



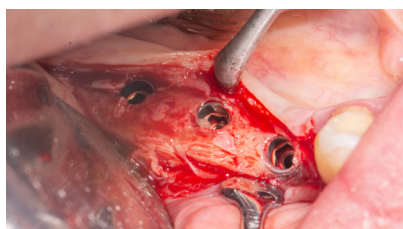
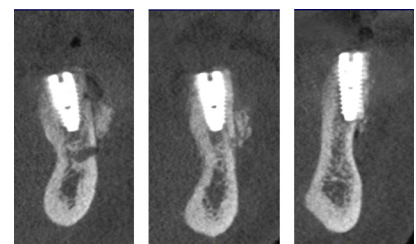
Filling with OraGraft MD 70/30.



Primary closure free tension.



Implants in place.



Complete vertical reconstruction.



Soft tissue improved.



Final vertical outcome.