

OraGEN® Cellular Bone Matrix

Case performed by: Dr. Robert Miller, Plantation FL

CASE STUDY

Patient & Diagnosis:

- A 63-year-old female, AS1, suffered trauma to her upper right central incisor over 35+ years ago. Several attempts to salvage tooth were unsuccessful including endodontic therapy and a failed implant attempt. She has been wearing a removable appliance for over ten years and was told that implant therapy was impossible as the bone loss was too extensive.
- Radiographic and clinical evaluation revealed a significant horizontal and vertical osseous deficiency necessitating augmentation if implant attempt will be successful.
- Patient refused a fixed partial denture

Previous Treatment:

- Guided Bone Regeneration and implant placement had previously failed

Intervention:

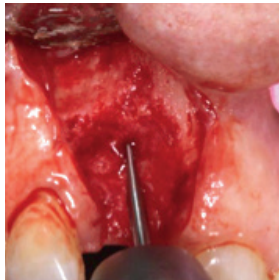
- Cortical perforations
- OraGen graft and porcine pericardium barrier membrane
- Dental implant placement after four months of hard and soft tissue maturation

Outcome:

- GBR procedure was extremely successful
- Restored to the satisfaction of the patient



1. Preop



2. Cortical perforations



3. OraGen placed in defect



4. Final membrane placement



5. 4-month healing



6. Fixture carrier



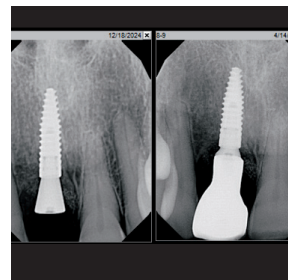
7. Hard and soft tissue maturation



8. Implant osseointegration



9. Final necessitating pink porcelain



10. PA at implant placement and restoration

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