

INDUCE Oi-9™

Regeneration Naturally™

Induce Oi-9™ Case Study: Horizontal and Vertical Anterior Maxillary Deficiency

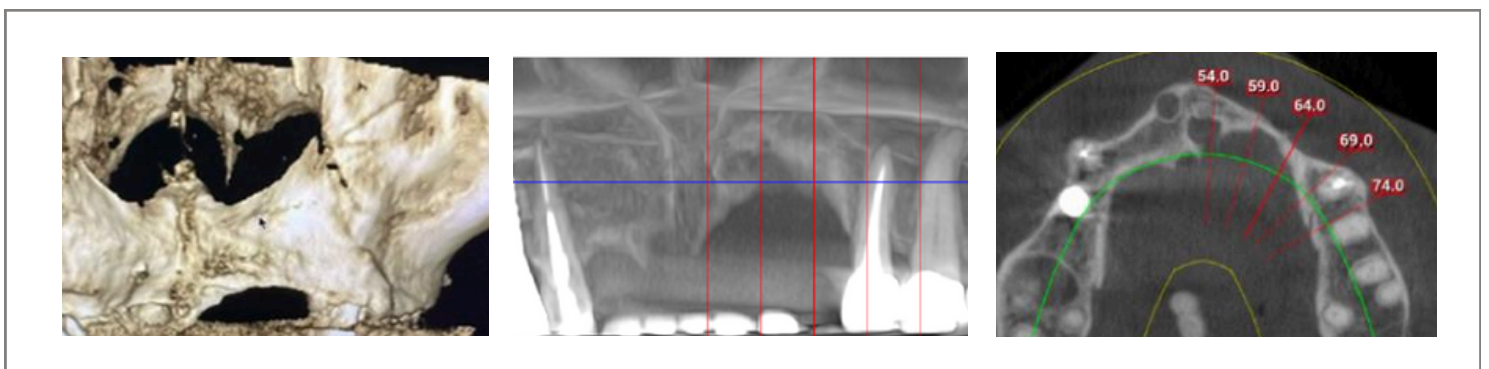
Patient History

A healthy 73 year old female with a history of failed maxillary implants (2011). She had been wearing a partial anterior maxillary prosthesis. Recently, her maxillary right canine fractured, making the denture uncomfortable to wear. She desires to return to a dental implant-supported restoration.



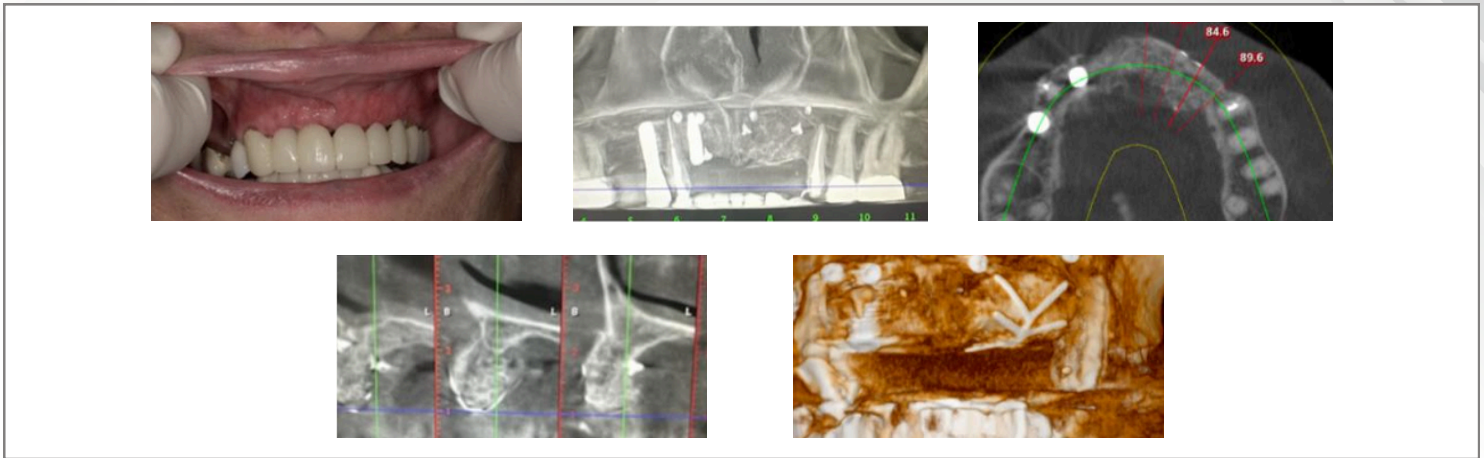
Pre-Operative Images

She presented with both vertical and horizontal alveolar ridge deficiencies in the anterior maxilla. Preoperative imaging revealed significant deficiencies in both vertical height and horizontal width. The decision was made to augment the deficient anterior maxilla using 2.5 cc of Induce Oi-9™ FiberMatrix bioimplant.



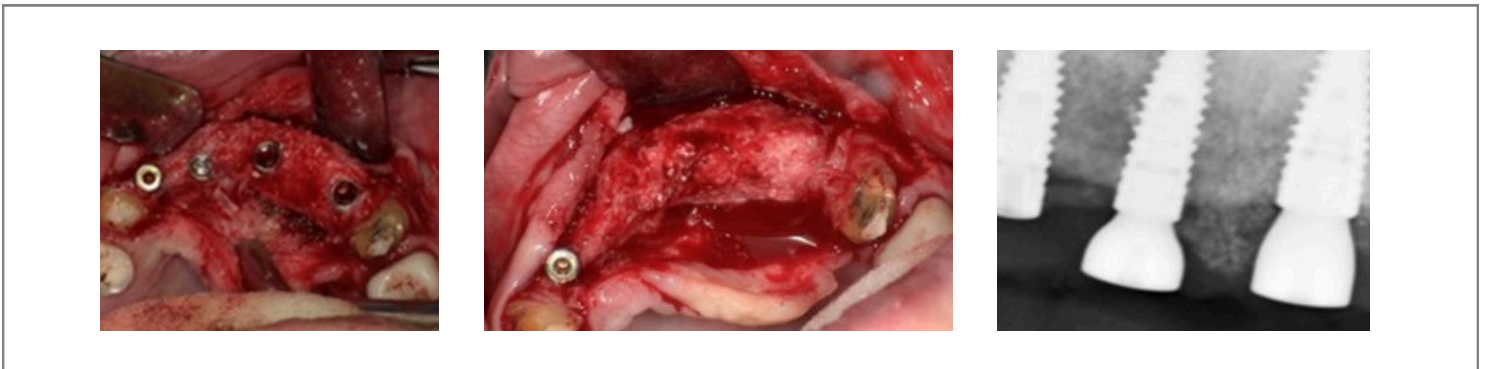
Post-Operative 6-Month Follow-Up Images

Excellent reconstruction of both vertical height and horizontal width was achieved following Induce Oi-9™ augmentation. A titanium-reinforced growth factor membrane was used to maintain space during the healing process.



Implant Placement at 6 months post grafting

Clinical and radiographic images taken at the time of and immediately following implant placement. Notice the amount of bone formed, and the quality of the regenerated bone is clearly visible radiographically. The demarcation between the pre-existing bone and the new bone is clearly identifiable on the radiograph.



Induce Oi-9™, a dental bioimplant designed to support bone regeneration. Using Natural Matrix Protein® (NMP®) technology, Induce Oi-9™ makes key growth factors bioavailable, allowing clinicians to support bone formation in their grafting procedures.



Case Study courtesy of Dr. Charles Orth, DDS/PA. Dr. Orth is a board-certified periodontist and implant specialist with degrees from Wichita State, Creighton, and Baylor College of Dentistry. He is an assistant clinical professor at Baylor and directs the Excel Study Club, promoting advanced dental education.

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