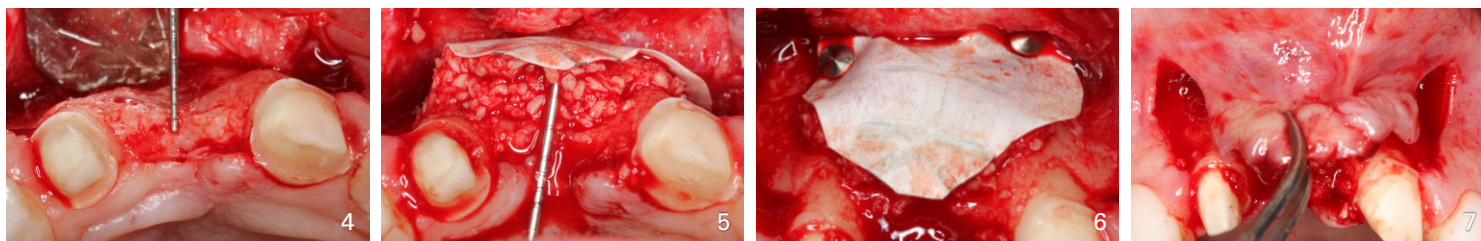
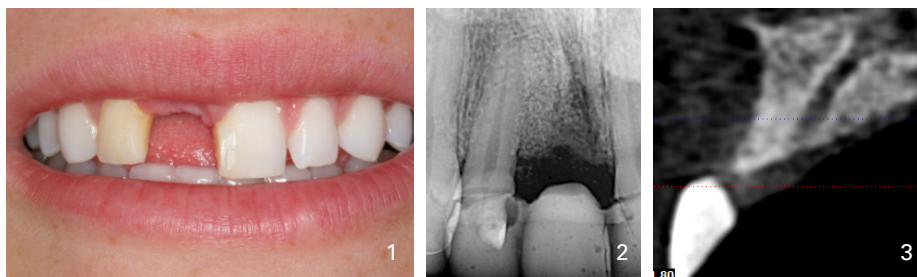


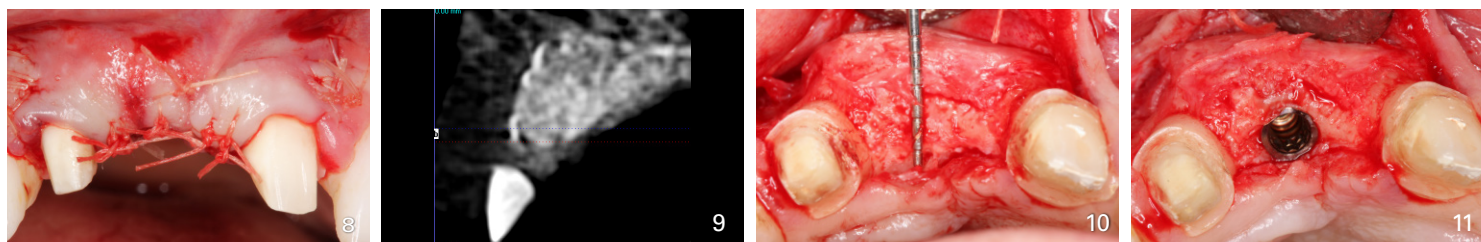
## Providing Hope and a Second Chance Maxillary Reconstruction Following Implant Failure in the Esthetic Zone

Surgical treatment by **Dr. Michael Sonick**  
Restorative dentistry by **Dr. Dana Jones**

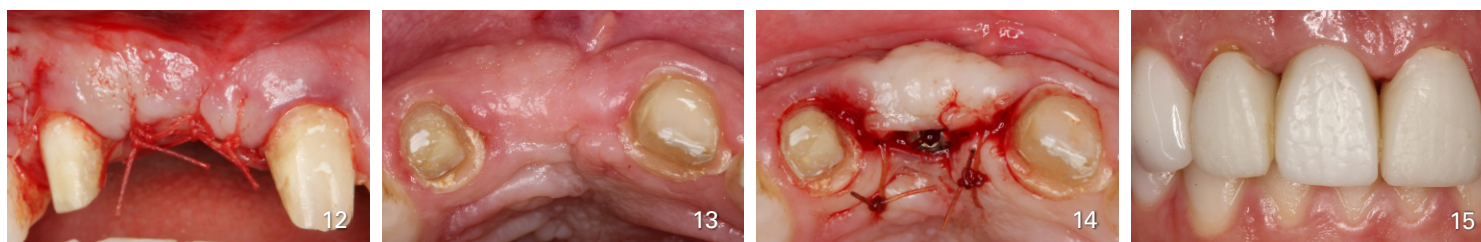
**Fig 1-3:** This 22 yo female presented with a missing central incisor post-implant failure. She was told that she was not a candidate for implant replacement due to a lack of alveolar bone (see CBCT Fig 3).



**Fig 4:** Less than 2 mm of alveolar bone width was present. **Fig. 5, 6:** Puros cancellous allograft was hydrated with rh-PDGF (Gem-21) and covered with a titanium reinforced e-PTFE membrane stabilized with 2 titanium tacks. **Fig. 7:** Passive primary closure was achieved with 2 vertical releasing incisions.



**Fig. 8:** Closure post ridge augmentation. **Fig. 9:** CBCT at 11 months reveals adequate bone for implant placement (compare to Fig. 3). **Fig. 10:** Buccal palatal dimension increased by 8 mm post grafting (compare to fig 4). **Fig. 11:** Implant placement at 11 months post bone graft.



**Fig.12:** Primary closure achieved. **Fig. 13:** Complete healing at 3 months post implant placement **Fig. 14:** Second stage surgery using Guided Gingival Growth (see article link below) to augment buccal soft tissue volume for health and esthetics. **Fig. 15:** The implant is provisionalized for 3 months prior to final restoration. This assures soft tissue stability and allows the patient to “test drive” the restoration prior to completion.



**Fig. 16-18:** Final implant radiograph, crown and an extremely happy patient. Follow the QR or link to watch her video

**Video:**  
[youtu.be/JiwlCv4hU48](https://youtu.be/JiwlCv4hU48)  
**Article:**  
[qrqo.page.link/XGVAu](https://qrqo.page.link/XGVAu)



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