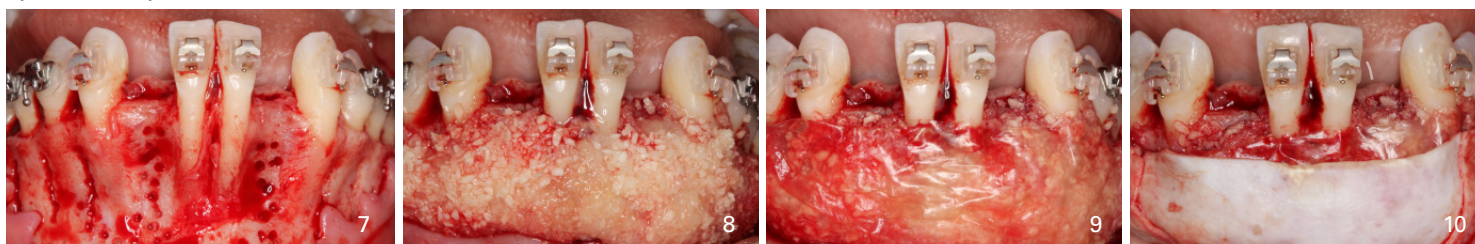


Esthetic Rehabilitation with SFOT (Surgical Facilitated Orthodontic Therapy)

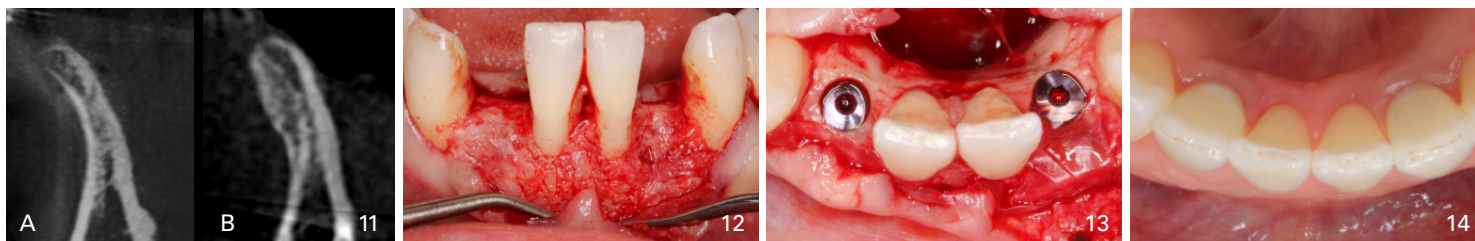
1. This 23 year old female dental student was congenitally missing her mandibular lateral incisors. As a child, this condition didn't cause any problems, but as an adult she started to develop jaw pain due to the misaligned bite. This case was successfully resolved with the amazing work of a multidisciplinary team of dental professionals.



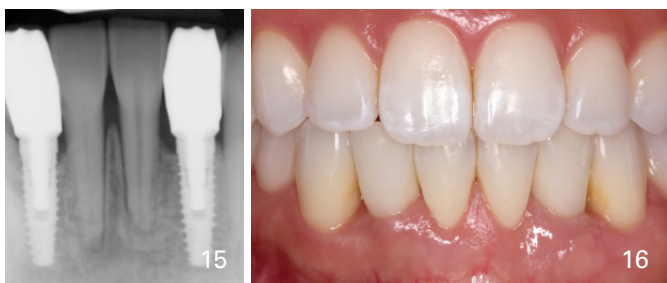
2. Invisalign was used to create space for laterals. 3. Radiographs post-Invisalign reveals inadequate space. 4. Conventional ortho commenced. The roots are visible due to thinness of facial alveolar bone. 5. X-rays post ortho shows increased mesial distal space for implants. 6. CBCT demonstrates lack of facial bone on teeth 24 and 25.



7. Corticotomy was performed. Note severe facial dehiscence. 8. Puros cortico-cancellous graft with rh-PDGF (Gem 21) was placed. 9. BioXclude amniotic membrane was layered facially to the graft providing additional growth factors. 10. Soft tissue allograft was placed to thicken the facial soft tissue and maintain the bone graft.



11A. CBCT prior to bone graft. 11B. CBCT 10 months post bone graft with increased horizontal width. 12. Implant surgery day - 1 year post bone graft. Excellent facial bone regeneration in implant site and on teeth 24 and 25. 13. Occlusal view of implant placement. Note 2 mm of bone buccal to implants. 14. Final implant restorations 23 and 26.



15. Final x-ray of restored implants.
16. Final photo. Compare facial thickness to figure 4.

Surgical treatment performed by **Dr. Michael Sonick**
Restorative dentistry performed by **Dr. Jeffrey Tamucci**
Orthodontic treatment by **Dr. Cass Burrell**

