

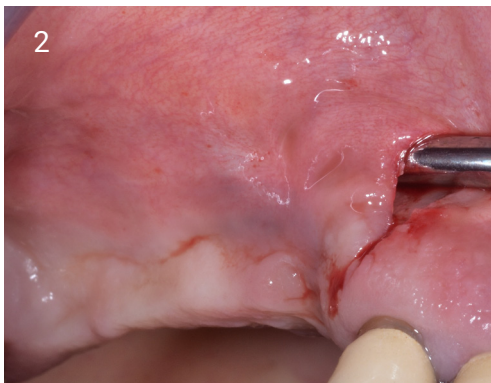
Case Background

Female
60 years old
Non-smoker
Non-contributory medical
history

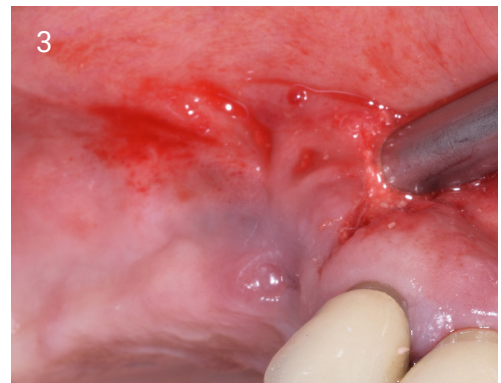
*Case performed by Dr Minas
Leventis, University of Athens,
Greece*



1. Initial clinical view. Note thin residual bridge and atrophy of the soft tissues.



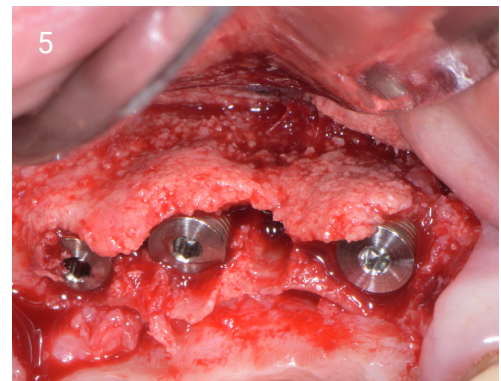
2. Vertical incision made distally to lateral incisor. Using a thin periosteal elevator, a subperiosteal tunnel was created.



3. 1cc of EthOss[®] injected into the tunnel using a graft gun.



4. Clinical view immediately post-op.

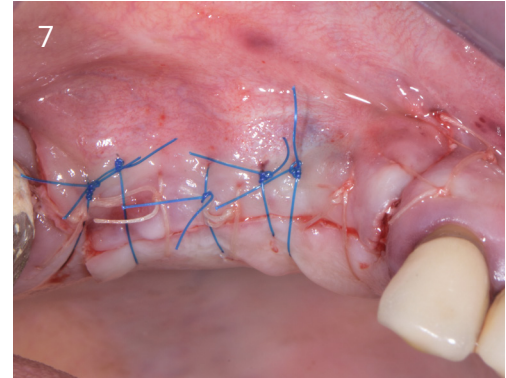


5. 12 weeks post-op. Adequate soft bone regenerated enabling implant placement. Note expansion of the new bone.

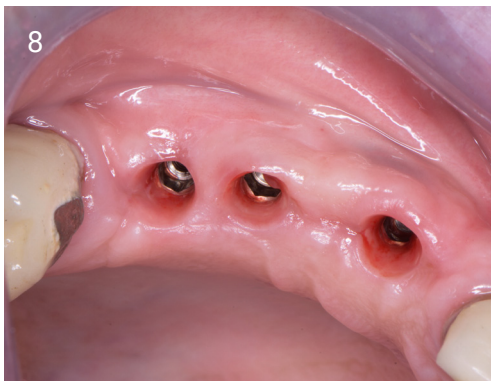
TUNNEL GRAFT CASE STUDY



6. Additional grafting with EthOss.



7. Tension-free closure.



8. 4 months post-op. Note augmented ridge and thick keratinized soft tissues.



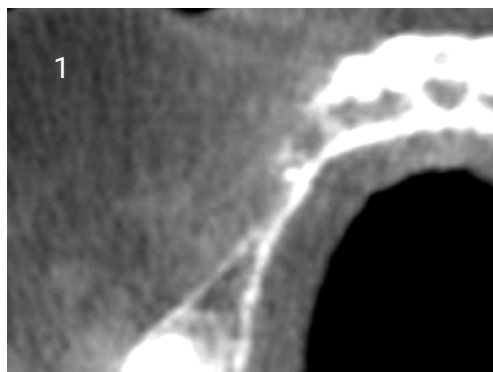
9. Penguin ISQ measurement showing excellent stability for all implants (ISQ: 70-71).



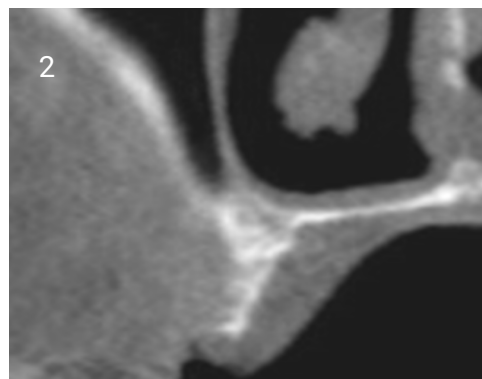
10. Prosthetic implant abutments in place, torqued to 35 Ncm.



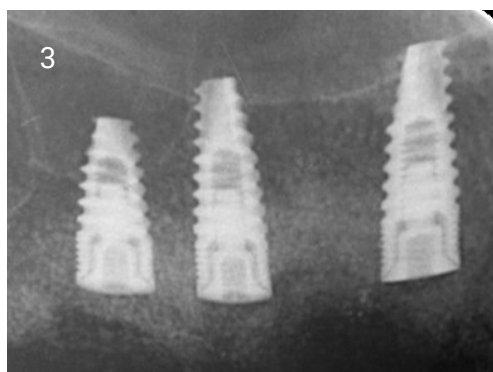
11. Final cement-retained restoration.



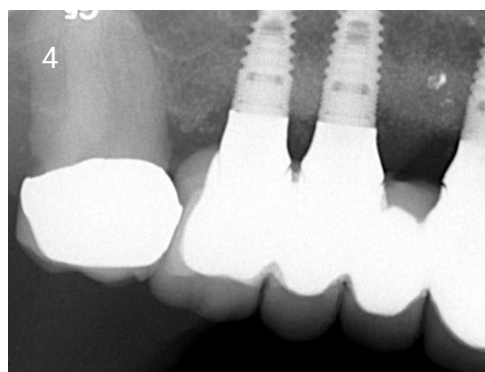
1. Axial CBCT view.



2. Coronal CBCT view.



3. Periapical x-ray immediately after implant placement.



4. Periapical x-ray immediately after fitting the restoration.