

Supplementary Materials



Figure 1. Preoperative frontal view.



Figure 2. Preoperative occlusal view.



Figure 3. Pre-operative oral radiography.



Figure 4. After crown removal.

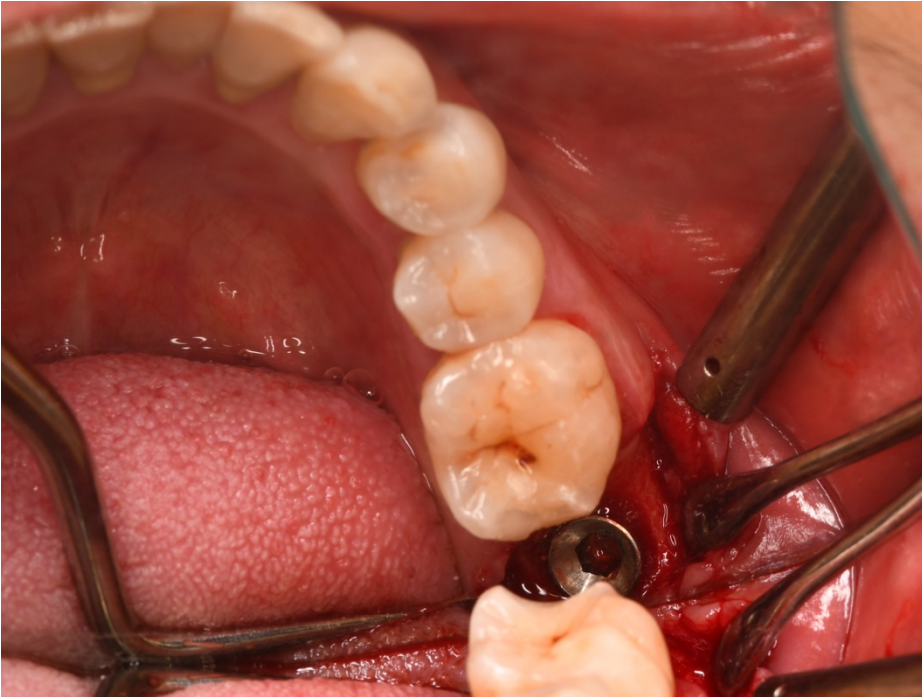


Figure 5. Mucoperiosteal flap performed.



Figure 6. Bone decontamination and debris removal by Er:YAG laser.



Figure 7. The screw is inserted into the fixture.



Figure 8. Artificial bone powder insertion.

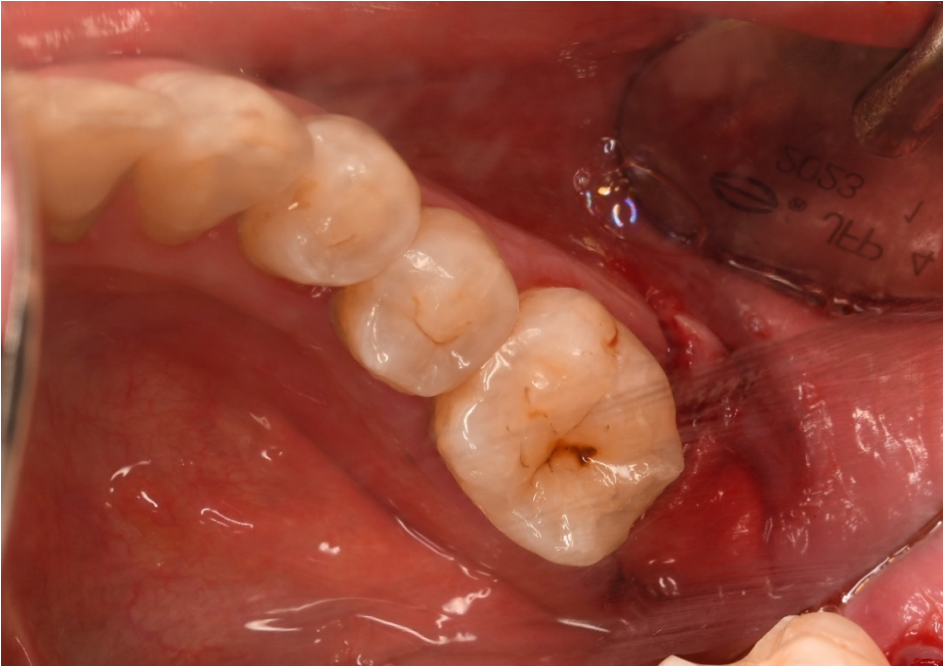


Figure 9. Collagen membrane apposition.



Figure 10. Suture apposition.



Figure 11. Oral radiograph after intervention.



Figure 12. Six months after intervention radiograph.



Figure 13. Re- application of the crown.