

Misplaced Dental Implants Removal and New Implants Placement: Case Report



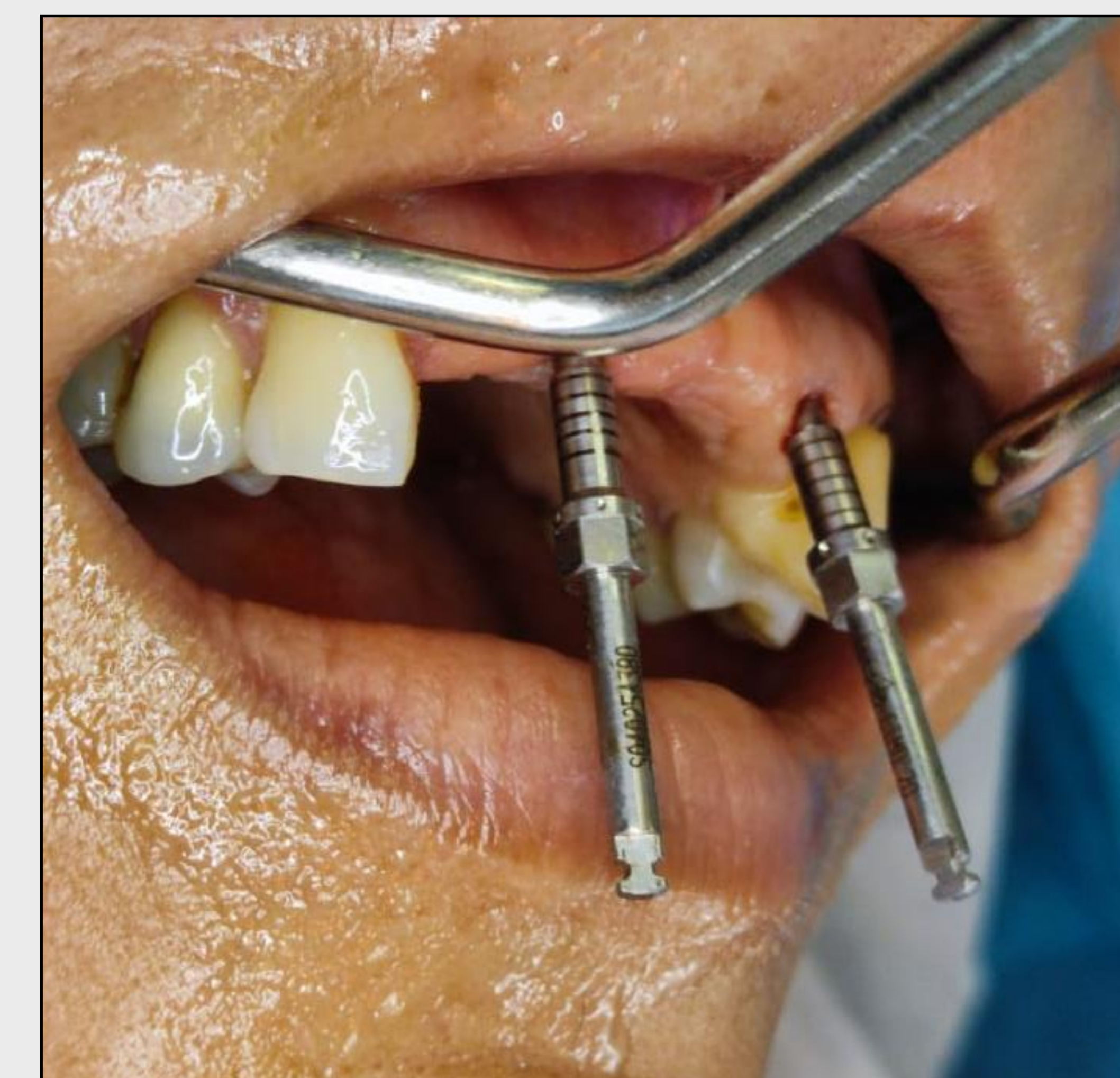
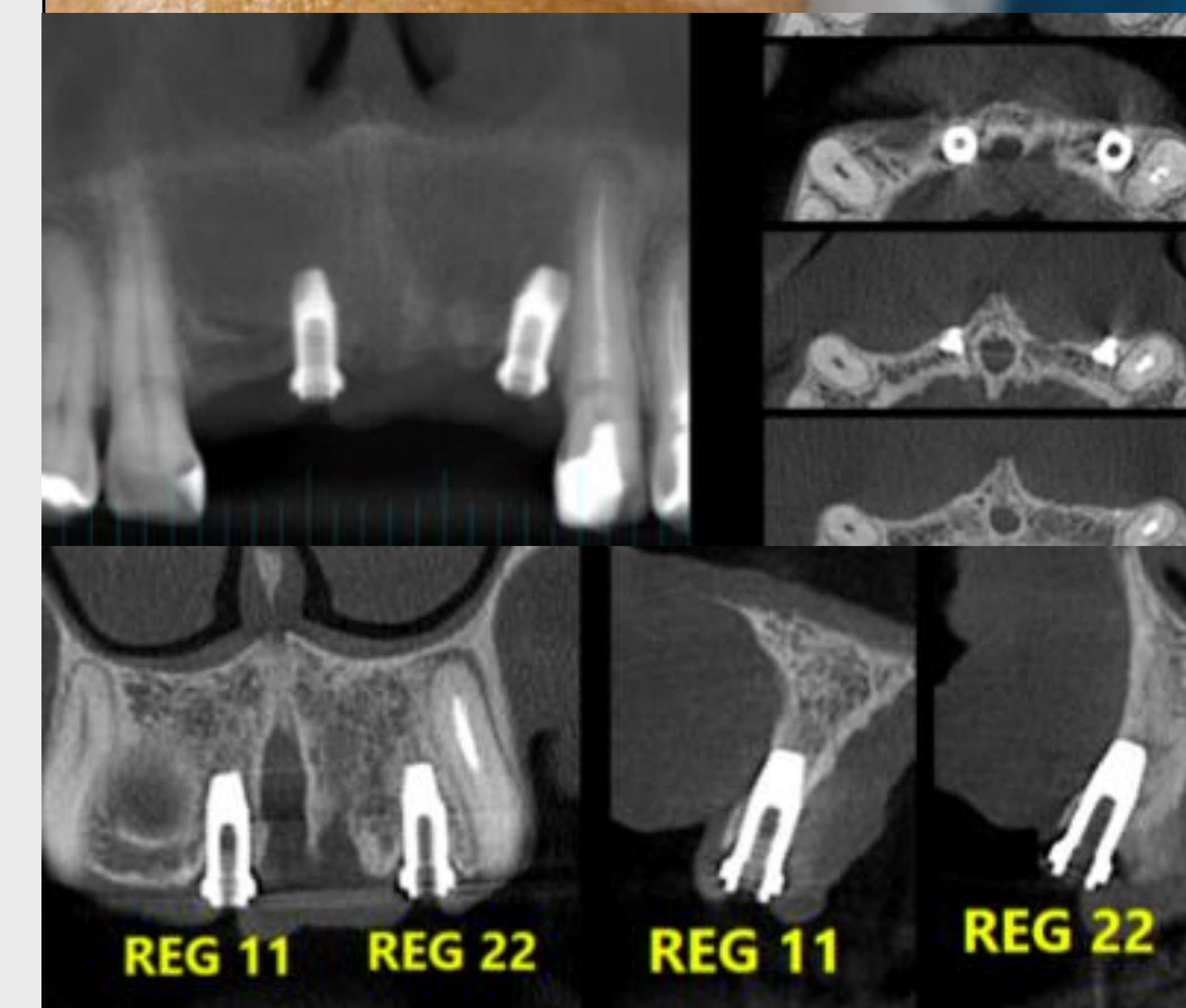
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INTRODUCTION: At the anterior upper jaw, esthetic demands turn the rehabilitation protocol into a real challenge in pursuit of excellence. Bone resorption, soft tissues and adjacent teeth conditions are some of the aspects to be noticed during the implant placement procedure. Misplaced or misaligned dental implants might result into function and esthetic failures.

CASE REPORT: A 45-year-old female came to dental care complaining of “elongated and unnatural teeth”. The unsatisfactory prosthesis had one year function and were supported two osseointegrated dental implants placed in #7, 8, 9 and 10 dental region. Clinical and CBCT scan evaluation revealed that the dental implants were buccally misplaced, which makes it impossible to accomplish a successful prosthesis from an esthetic point of view. The treatment plan consisted on removal of the dental implants using a retrieval tool, followed by bone graft and the placement of two new dental implants by 3.5x11.5mm on the ideal arch position, covered by L-PRF.



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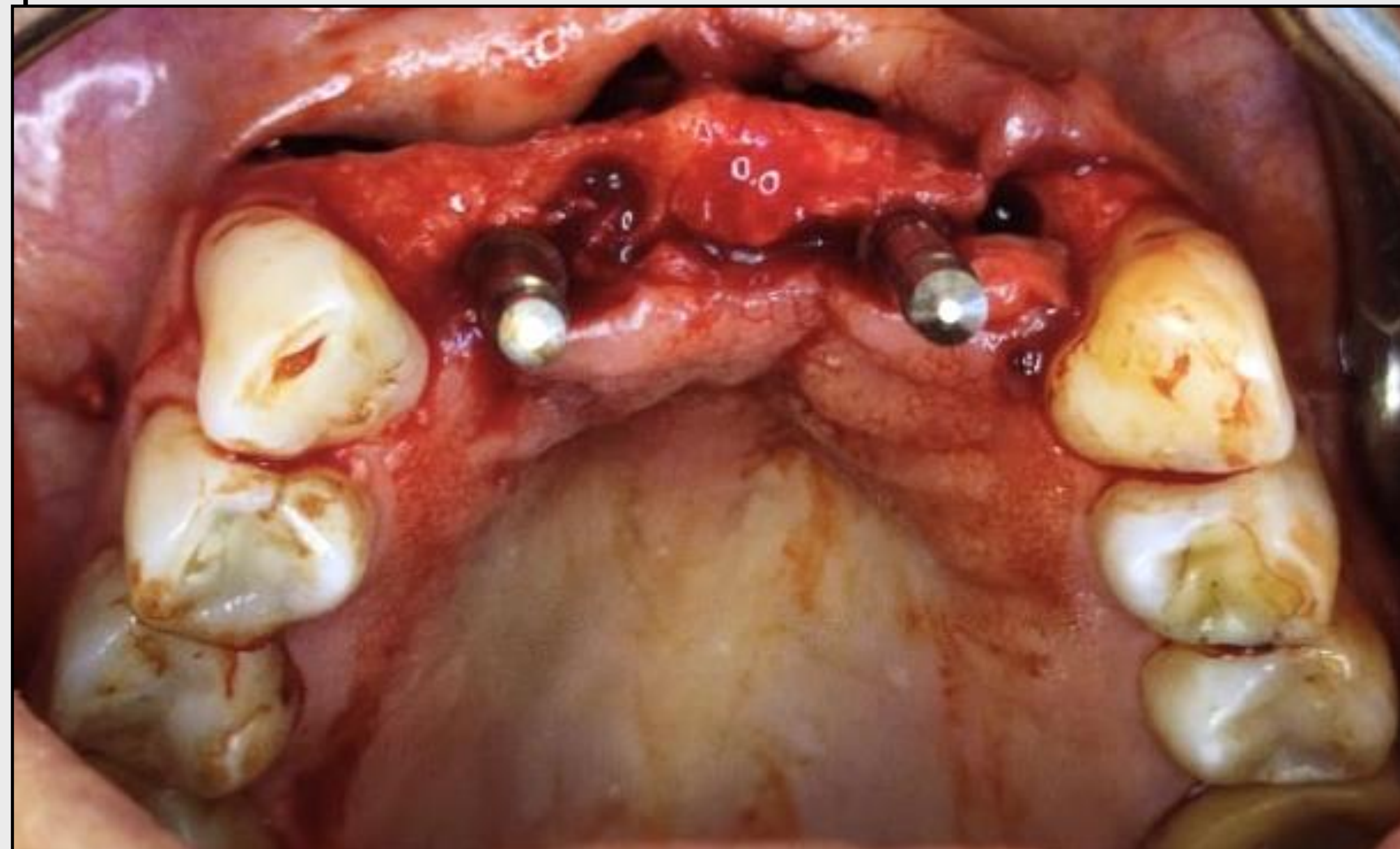
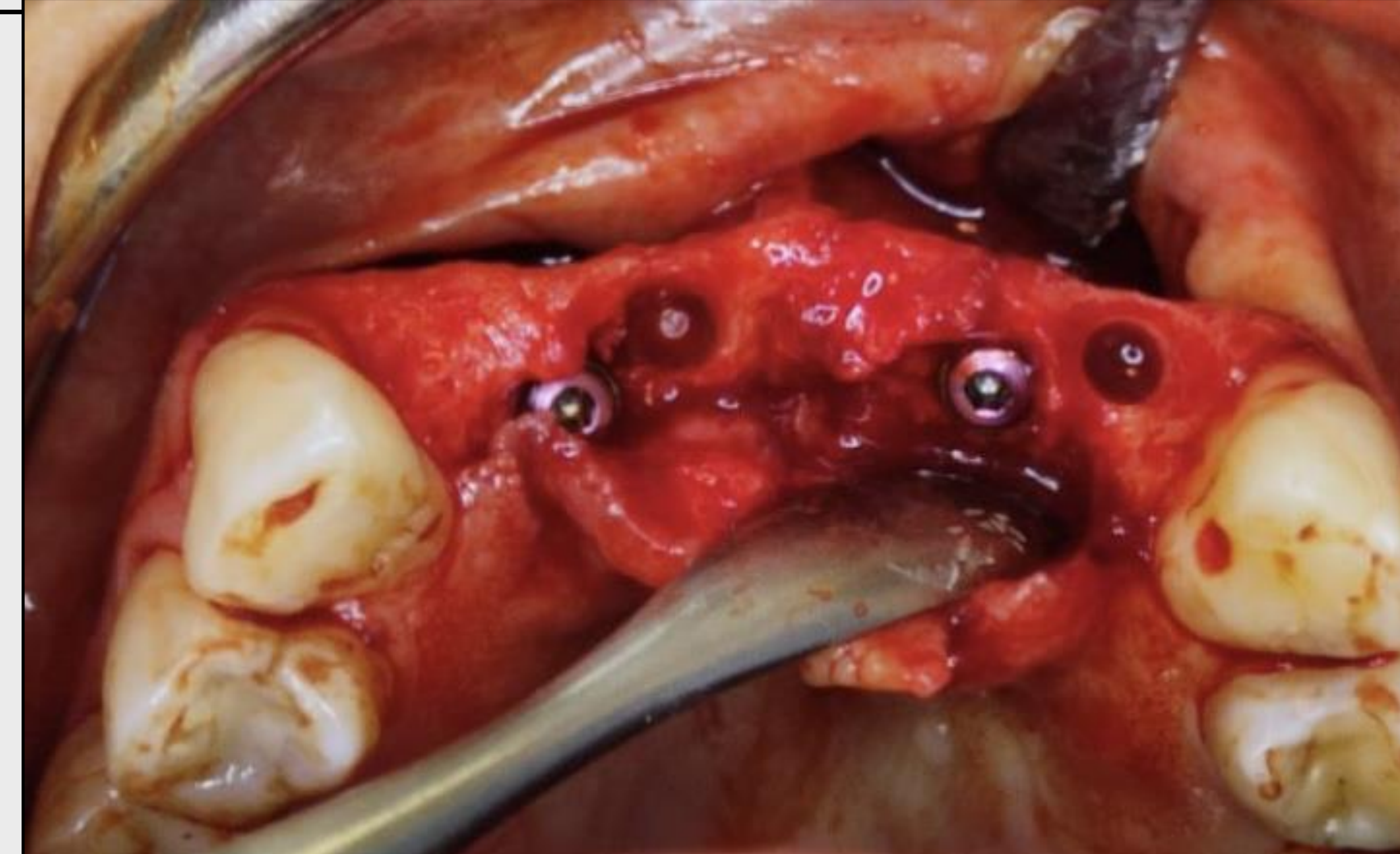
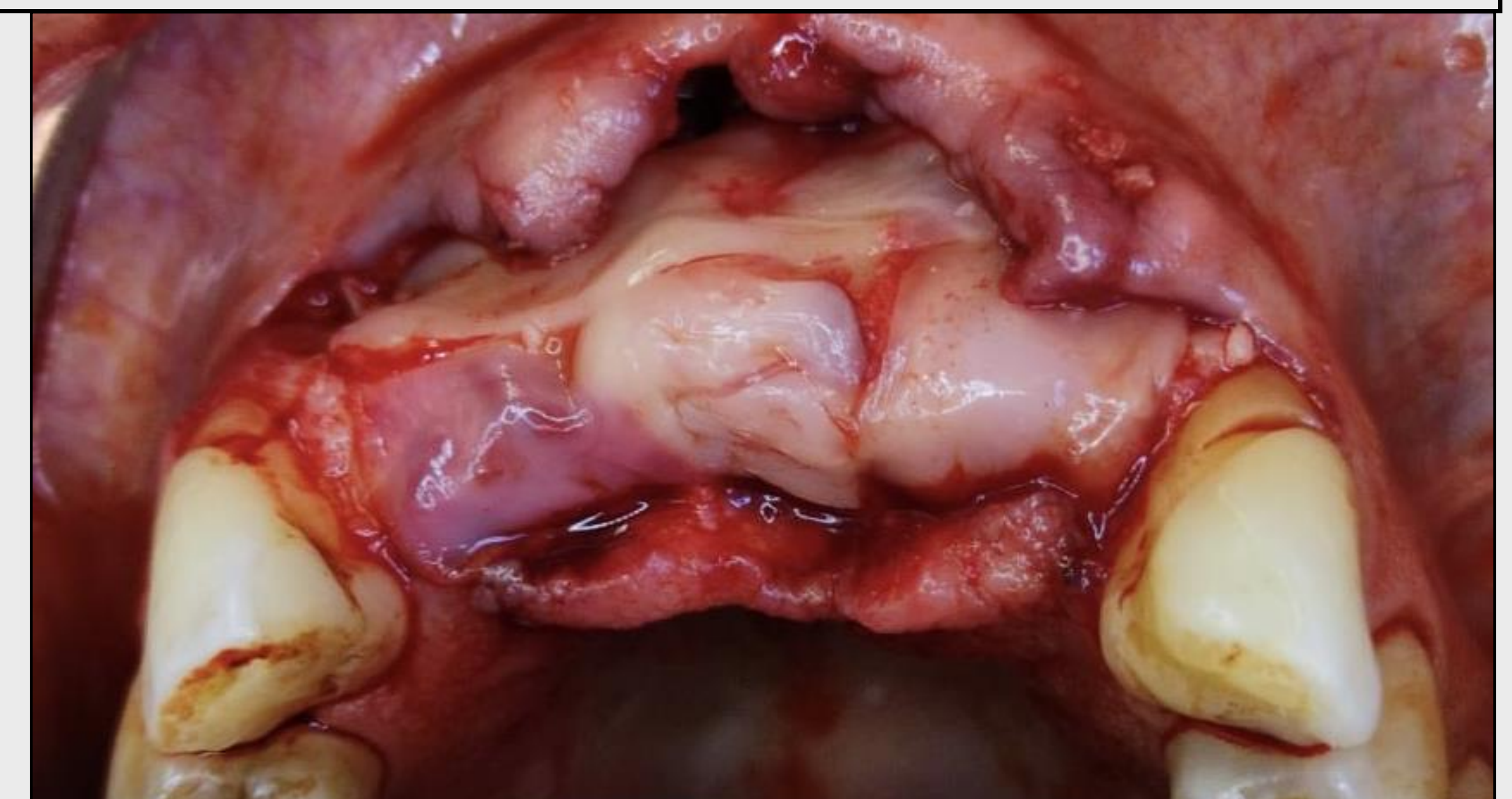


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Results: After four months using a temporary removal prosthesis, the patient presented good clinical outcomes and a favorable soft tissue condition. CBCT scan showed osseointegration around the dental implants allowing the prosthetic phase to be concluded. The new crowns, made by zirconia, achieved satisfactory esthetic and occlusal function. The patient is in 18 months follow-up and contemplate health and function. No esthetic complains were reported



Conclusion: From an aesthetic point of view, a misplaced dental implant, especially at the anterior upper jaw, results into an unsatisfactory prosthesis. To correct the misplacement surgical removal of the implant is necessary.