



PLACEMENT OF TWO IMPLANTS IN THE JAW FOR OVERDENTURE WITH LOCATOR SYSTEM, PROSTHETICALLY ASSISTED IMPLANTOLOGICAL PLANNING.

Odontología
Restauradora
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INTRODUCTION: Dental implants have become the first choice in the treatment of partial or total edentulism. Achieving a functional, aesthetic and stable long-term rehabilitation that matches the patient's expectations is the priority. A diagnosis and a correct surgical and prosthetic treatment plan are of utmost importance to achieve long-term success.

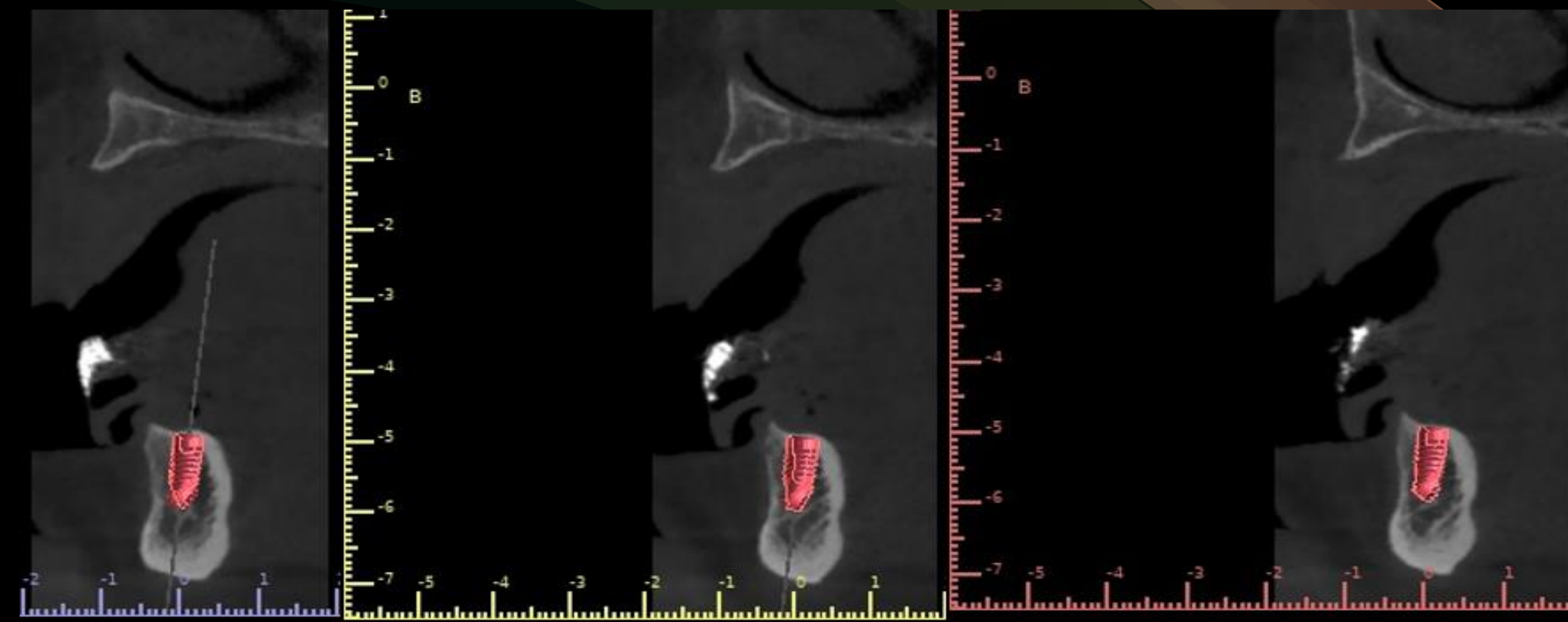


FRONT PHOTOGRAPH OF THE PATIENT

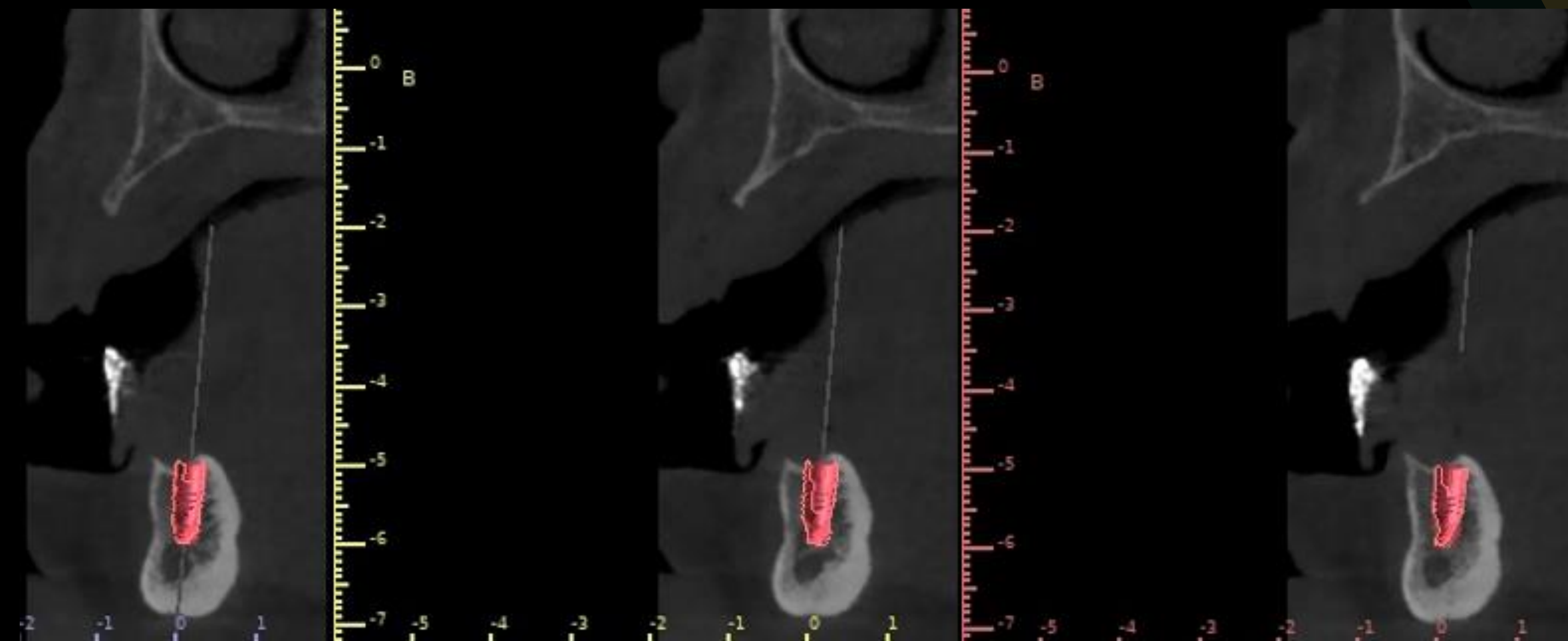


INTRAORAL
PHOTOGRAPHS

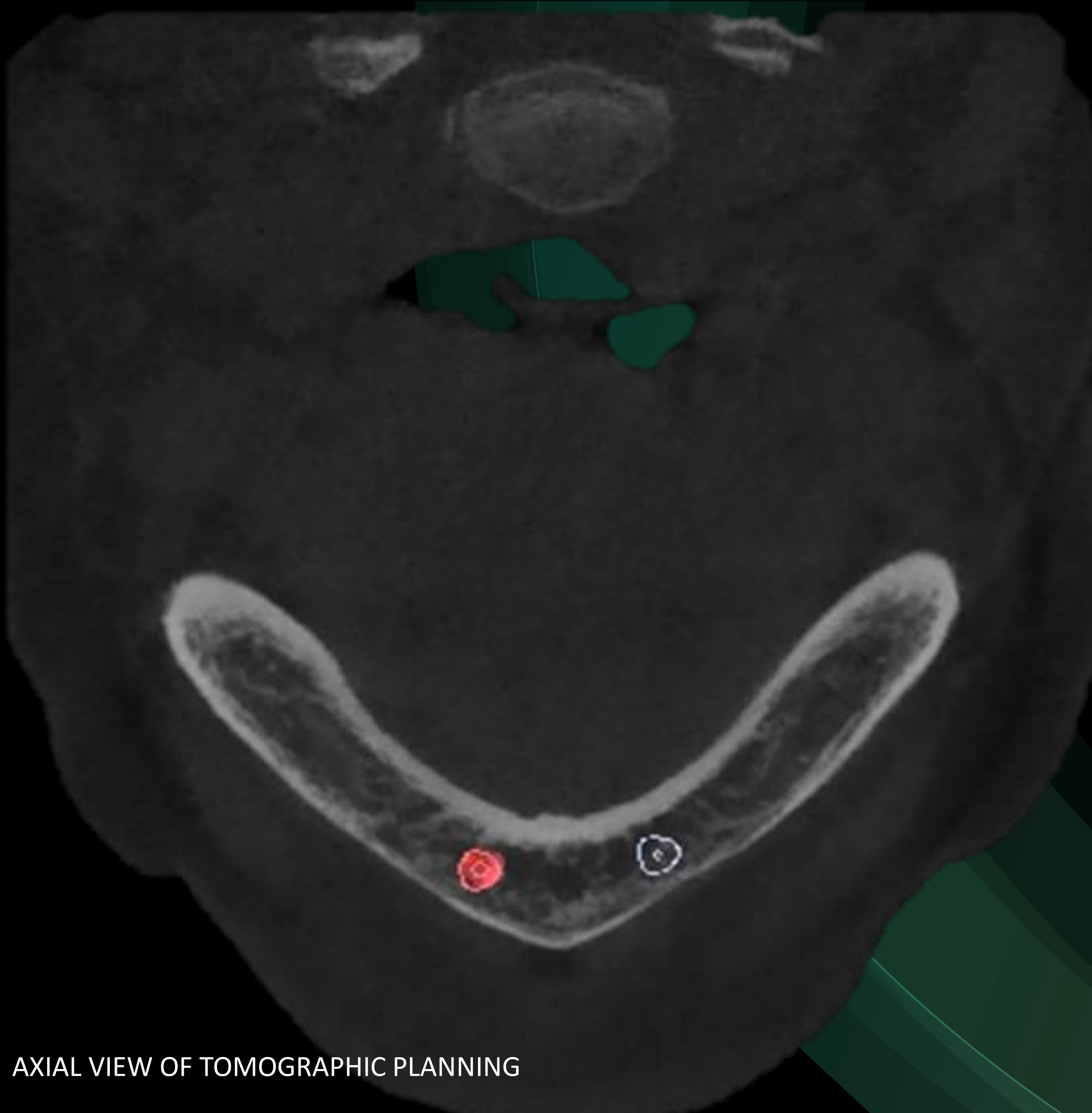
METHODS: On the software, planning was carried out with 4.2x10mm implants in the 4.3 and 3.3 area. The lower prosthesis was duplicated to have a radiographic guide for the planning and placement of the implants in the canine area. The closed mouth imaging and the duplication of the prosthesis with barium sulfate are used to see the prosthetic space available and to visualize the canines in the prosthesis for implant placement in this area. A permissive guide with the same duplicate of the prosthesis was made.



TOMOGRAPHIC PLANNING OF THE IMPLANT POSITION 3.3



TOMOGRAPHIC PLANNING OF THE IMPLANT POSITION 4.3



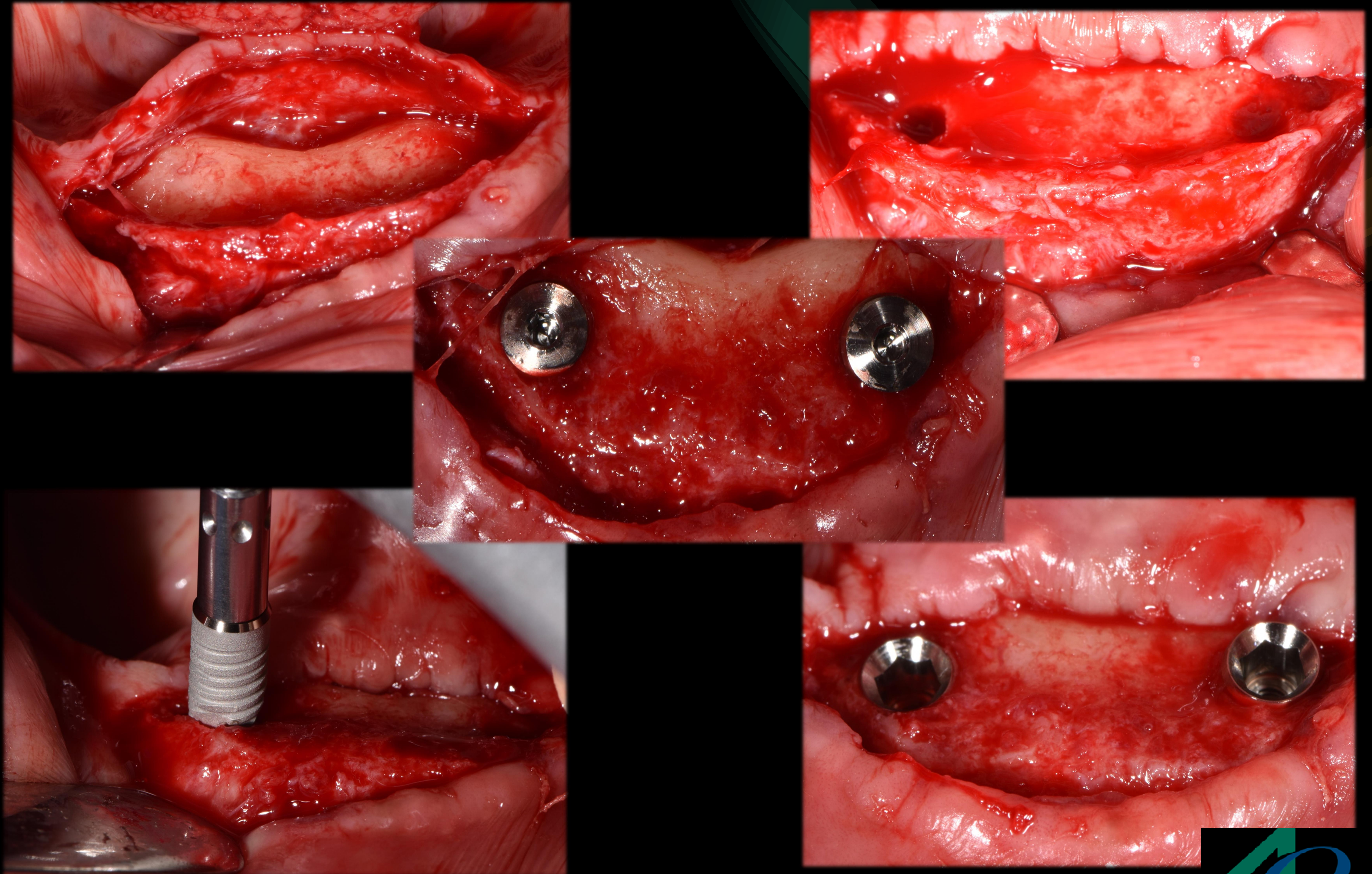
AXIAL VIEW OF TOMOGRAPHIC PLANNING



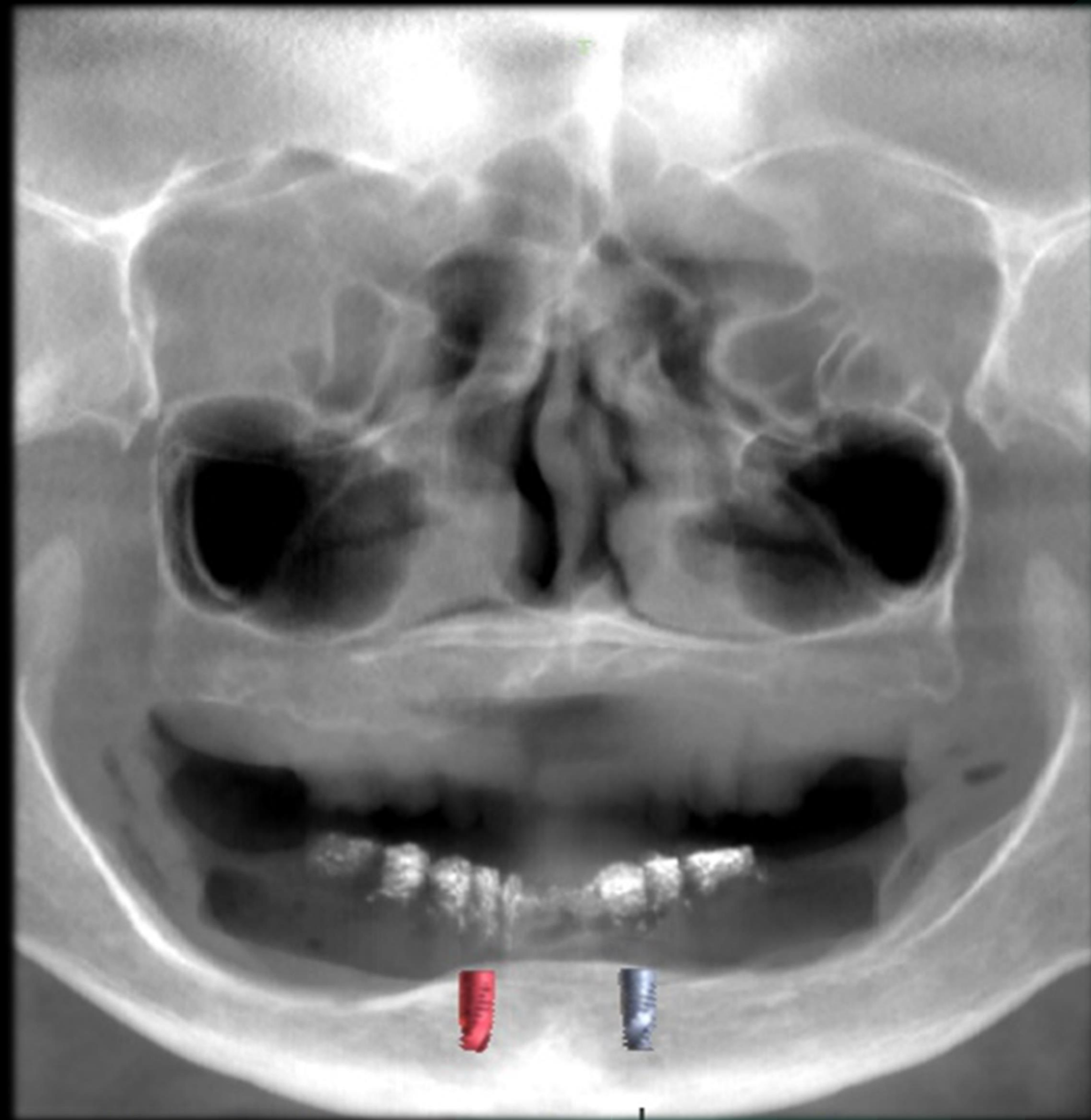
DUPPLICATION OF THE PROSTHESIS



PROCEDURE: A plateau was made over the anterior mandibular bone and the prosthetically assisted guide that was placed to have the reference of the canines, which helped us to make the marking on the alveolar ridge. Once we had the marking, we proceeded to perform all the drilling protocol for implant insertion. X-rays were taken to check the parallelism of the implants,. The implants were inserted manually, in which we obtained a torque of 35N, a final X-ray was taken in which the correct placement of the implants was observed.



SURGICAL INTERVENTION



RESULTS: Implant collocation with the help of this prosthetically-assisted guide was successful, implants remained in the intended place and parallel to each other. After three months. Because of the pandemic we are going through, progress in prosthetic treatment has been halted, although the patient has been constantly monitored, implants remain stable and she is waiting for definitive prosthetic rehabilitation.



FINAL POSITION OF IMPLANT PLACEMENT

CONCLUSION: The studies made have demonstrated that the use of guides for the collocation of implants is one of the most important guidelines for successful placement; also, prosthetically-assisted guides yield additional information, corroborating prosthesis space.

