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Case Synopsis

Extensive treatments can eventually be challenging. Even more so when the patient has limitations such as extensive tooth loss and skeletal changes, including overgrowth of the lower jaw. An interdisciplinary dental team composed of oral and maxillofacial surgeons, prosthodontists, a nutritionist, a speech therapist, and a psychotherapist were involved in the treatment.



Background

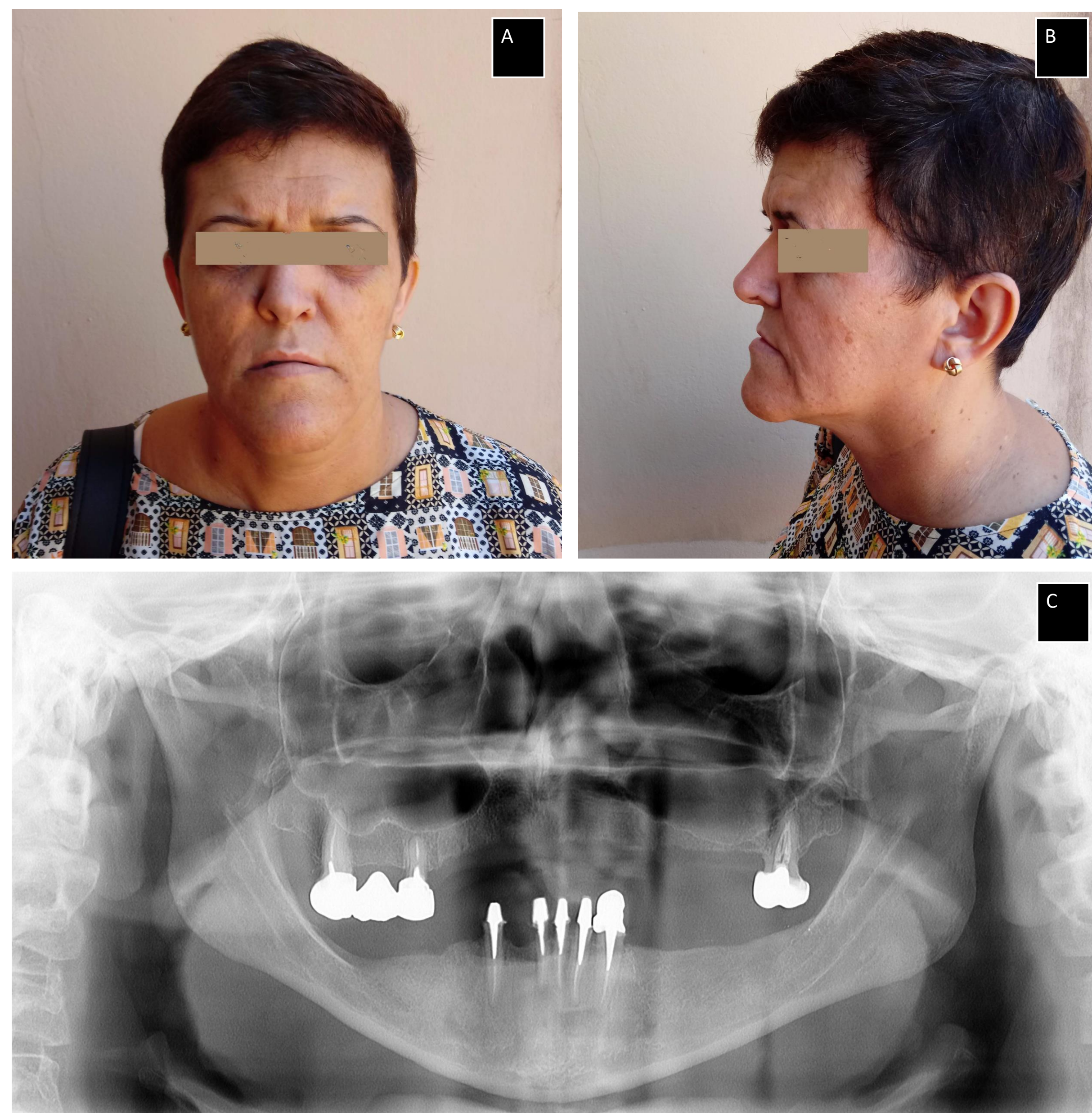


Figure 1: A-C. Initial extraoral images and panoramic radiographs.

Case Report

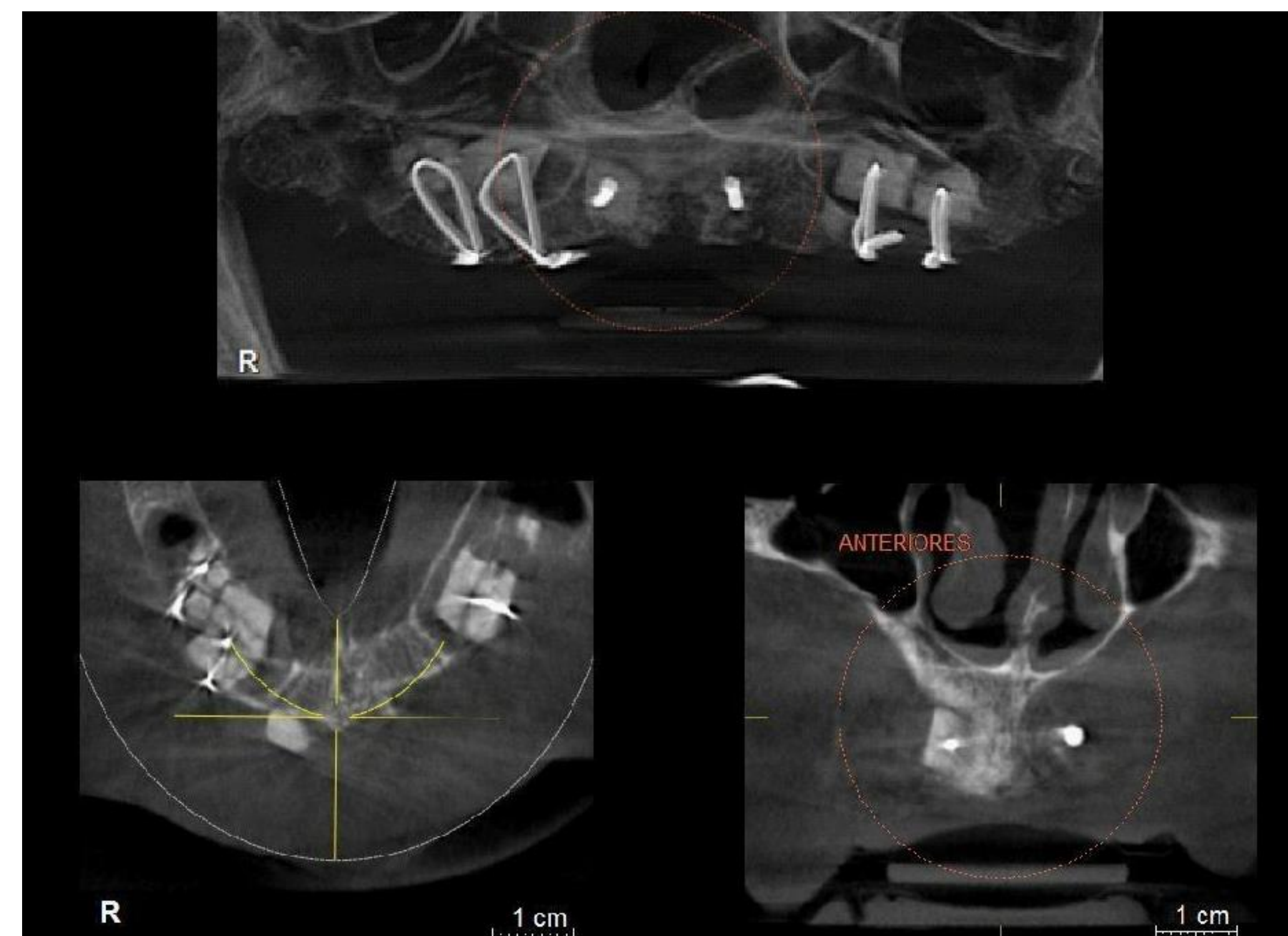


Figure 2: Computed tomography after maxillary graft.

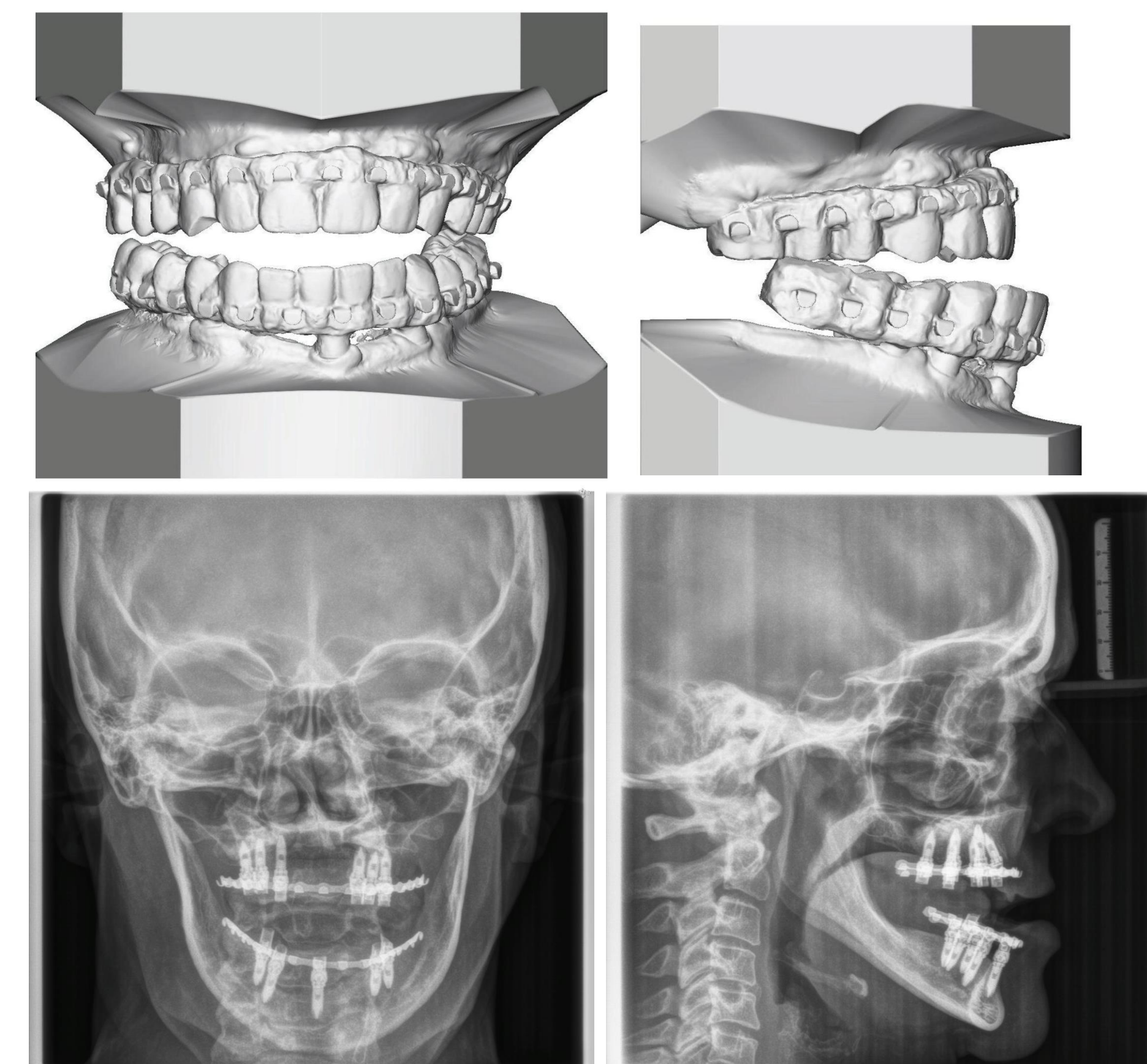


Figure 3: Prostheses in an ideal position for adapting to the post-operative disposition of the tissues.

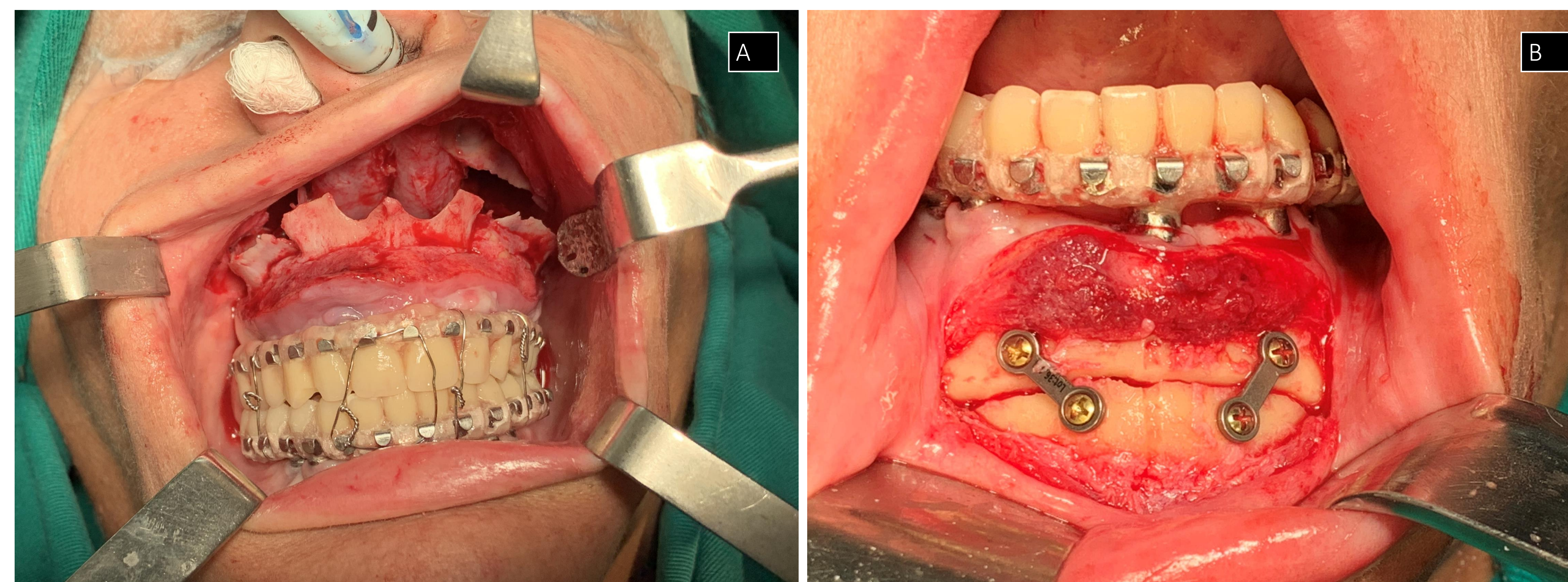


Figure 4A and 4B: A - Intermaxillary fixation throughout the prostheses. B - Chin reduction and anchoring.



Figure 5: Results.

Final Considerations

Within the limitations of this case report, the association of calvarial bone graft, implant placement, Le Fort 1 osteotomy in addition to exogenous bone graft, and implant-supported full dentures were favorable choices for this case. In addition, the multidisciplinary approach was efficient. It promoted the re-establishment of the stomatognathic system functions without compromising nutrition during periods when it was impossible to wear prostheses for better healing of the tissues.

Acknowledgement

