

## IMPLANT-PROSTHETIC REHABILITATION OF THE EDENTULOUS MAXILLA

**Introduction:** Although general medicine and dentistry have developed greatly, tooth loss is still a leading public health problem. Modern dentistry aims to provide patients with prosthetic therapy that would fully restore the aesthetics and function of the masticatory system. This case report presents the implant prosthetic rehabilitation of a patient with a completely edentulous maxilla.

**Case description:** A 72-year-old patient came to the clinic with old and damaged fixed restoration in the maxilla. There was no need for prosthetic treatment in the mandible. Maxillary teeth abutments were decayed and mobile; according to the clinical condition in the patient's mouth and radiographic analysis, the treatment plan was determined. The patient was informed about the possibility of treatment with multiple implants to support a fixed restoration in the maxilla. After extraction of the remaining maxillary teeth, the patient was restored in the maxilla with a removable immediate prosthesis. Three months after extraction, implant placement and sinus lift were performed. After six months, the implant sites were fully healed and free of signs of inflammation. Fabrication of a screw-retained prosthesis was started. Unilateral balanced occlusion was performed. The patient was satisfied after placement, and no complications were noted during follow-up visits.

**Discussion:** In this prosthetic rehabilitation, 6 implants were placed in the maxilla for biomechanical reasons and to avoid cantilevers. The position of the inserted implants is planned based on optimal force transmission to ensure the longevity and success of the prosthetic rehabilitation. Screw-retained prosthesis was chosen to ensure retrievability, maintenance, and any necessary repairs. Implant prosthetic screw-retained restoration on six implants was considered the most appropriate treatment solution for this patient. Two years after completion of the prosthetic rehabilitation, no complaints occurred and the patient was completely satisfied.

**Keywords:** implants, rehabilitation, screw-retained

There is no potential conflict of interest.