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ORAL PRESENTATION ***Case Reports***

Implant and CAD/CAM Synergy in Bilateral Free Ended Partial Edentulism: Case Report

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Abstract

Introduction: Implant treatment is one of the first choice of treatment options due to both the stability and comfort of the prosthesis and to a slowing of posterior bone loss and increase the chewing force.

Case report: This case report aims to rehabilitate the patient who has come to our clinic with current tooth deficiencies and related function and aesthetic problems. A 56-year-old female patient admitted to Inonu University Faculty of Dentistry, Prosthetic Dentistry Clinic, reported aesthetic, functional and phonetic problems related to tooth deficiencies. After the intraoperative and radiological examinations of the patient with no systemic disease, two-stage surgery has planed, 3 (13, 14, 16) implants to the first region and 2 (24, 26) implants to the second region (Straumann, Peter Merian-Weg 12 4002 Basel, Switzerland) and measurement of osteointegration was measured with resonance frequency analysis (RFA, Penguin, Goteborgsvagen, Sweden) and healing abutment was inserted. After soft tissue healing, the model was obtained with a closed spoon measurement technique.

The alignment of the gingival step with the gum and its angle could not be achieved with a standard abutment, so individual abutment design was performed with CAD/CAM and metal and dentin were rehearsed and the prosthesis was cemented.

Conclusion: It was aimed to eliminate the aesthetic, functional and phonetic disturbances of the patient with the treatment. There was no problem in 6 months oral and radiological control and the patient reported that he was satisfied with the prosthesis.