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Abstract

Oral rehabilitation of sever periodontitis patient with immediate partial dentures: A case report

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Abstract:

The second cause of tooth loss in an adult is periodontal diseases that are demonstrated in severe clinical attachment loss, mobility and unfortunately tooth loss. The periodontitis patient with mobility Grade I or II could be stabilized with proper scaling, root planning, oral hygiene instructions. Unfortunately in severe cases that exhibit total loss of bone around the tooth or mobility that couldn't be stabilized, extraction may be the only treatment that can be given. The replacement of teeth immediately following their extraction is most readily completed using a removable prosthesis. The removable partial denture (RPD) is preferred in a situation that aesthetics is the primary concern, that it can restore the essential support for the lips and cheeks, also it is considered in immediate replacement following extraction in a critical area as the anterior segment. When the edentulous area is stabilized, definitive treatment can be undertaken with fixed or removable partial denture. In this report, a 42 years old female, her medical history was not significant. The patient came to the screening of the dental hospital with chief complain of mobility in most of her remaining teeth. Intraoral examination was done demonstrating mobility Grade III in #23, 31, 32, 41, 42 and Grade IV in #11, 22. In addition, multiple hopeless remaining roots that were extracted before impression taking. The treatment plan proposed was to make upper and lower immediate partial dentures as an interim prosthesis to restore proper occlusion and teeth alignment besides restoring efficient masticatory function. Within this case report, it can be concluded that the success of immediate denture depends on a correct diagnosis, detailed treatment planning and precise execution of construction procedures. If the patient is well prepared, and appropriate type of prosthesis is selected the resulting prosthesis can be successful.

Biography:

Mona Aboelnagga is an Associate Professor of Prosthodontics at Prosthodontic Department, Faculty of Dentistry, Ain Shams Universi¬ty, Egypt and visiting Associate Professor at College of Dentistry, Taibah University, Saudi Arabia. She had MSc (2006) and PhD (2011) in Oral and Maxillofacial Prosthodontics from Ain Shams University. She is a "Prosthodontic consultant" in Saudi commission for health specialties (SCHS), she is TOT certified practitioner (Ain Shams university 2017). She is MBTI certified practitioner. She is reviewer in Macdonian Medical Science Journal, associative editor in Journal of Biomedical Science (Department of Dentistry and Endodontics) and editor in SAODS (Scientific Archives of Dental Sciences). She was a speaker at several dental and medical conferences and shared in workshops and lectures in continuous dental education at Faculty of Dentistry, Ain Shams University. She has published several research articles in various national and international dental Journals. She has shared in publishing a dental terminology book. She supervised several researches of postgraduate studies at Ain Shams and students' teams at Taibah universities. And has experience in teaching oral and maxillofacial prosthodontics and implantology for undergraduate dental students and postgraduate residents.

Publication of speakers:

1. Moustafa Abdou ELsyad , Abdelrahman Elsaid Abdraboh, Mona M Aboelnagga et al, "Effect of Low-Level Laser Irradiation on Stability and Marginal Bone of Narrow Implants Retaining Overdentures in Moderately Controlled Diabetic Patients", J Oral Implantol, 2019 Oct;45(5):391-397.

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