

Clinical innovations for successful mandibular complete denture prosthesis



Abstract

The effect of new well fitting, aesthetic, functional complete dentures on a patient's social life and sense of wellbeing is often dramatic. With the advancement in dental education of patients, advent of dental implants and progress in various other dental material and techniques, there arose a belief that complete denture patients will become rare in the immediate future and therefore complete denture prosthodontics is a dying art. Contrary to these opinions, data indicates that the number of patients requiring complete dentures will continue to increase in the foreseeable future. Further not every edentulous patient can be rehabilitated with dental implants for various medical and socioeconomic reasons. The conventional complete denture fabrication procedure is elaborate, technique sensitive and time consuming demanding lot of skill and clinical experience from the dental surgeon. Very often despite multiple visits of the complete denture patient, the dental surgeon is not able to deliver a successful prosthesis resulting in frequent complaints of denture soreness, difficulty in chewing, speaking, looseness of the dentures etc. The edentulous mandible with its relatively decreased denture bearing area, interference by the tongue, smaller amounts of masticatory mucosa and two to three times larger movable volume of the mucobuccal fold poses a greater challenge as compared to its maxillary counterpart. This scientific presentation will revisit various innovations in materials as well as techniques from the conventional retention and stabilisation type of mandibular complete denture to the recent suction effective one furthering upon the bio functional prosthetic technique with the help of various clinical case reports.

Key words: Clinical Prosthodontics, Mandibular Complete, Denture, Improvisations, Evidence Based Practice

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Biography

Maninder Hundal is a Prosthodontist of established repute is currently serving as the Deputy Director in the Indian Naval Dental Centre at Mumbai which is a prestigious institute of the Indian Armed Forces. She has served the Indian armed forces for 20 years now and has been awarded numerous awards for her meritorious work. She did her bachelors in dental surgery from Govt. Dental College, Amritsar, Punjab in the year 1997 with a gold medal and her masters in Prosthodontia from the Armed Forces Medical college, Pune, Mumbai University, India in the year 2001-2004. She is an avid national and international speaker with numerous scientific papers and publications to her credit. She is also an affiliate faculty for the post graduate residents of Prosthodontics at the Army Dental Centre; Referral & Research, New Delhi as well as the Armed Forces Medical College, Pune, India.

