



JOPD

Journal of Prosthodontics Dentistry An Official Publication of Bureau for Health & Education Status Upliftment

(Constitutionally Entitled as Health-Education, Bureau)

Immediate Loading of Mandible with Implant-Supported Prosthesis opposing a Maxillary Hollow Denture

Dr Shivani Seth¹, Dr Anju Aggarwal², Dr Aditya Chaudhary³, Dr Punit R S Khurana⁴, Dr Kartika Kumar⁵, Dr Shubhra Tripathi⁶

¹Post Graduate student, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

²Professor, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

³Professor, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

⁴Professor & Head of Department, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

⁵Reader, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

⁶Post Graduate student, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India.

Corresponding Author: Dr Shivani Seth, Post Graduate student, Department of Prosthodontics, ITS Dental College, Hospital & Research centre, Greater Noida, Uttar Pradesh, India

Email Id: serviceheb@gmail.com

Abstract

Rehabilitation of partially and completely edentulous patients with implant supported prosthesis has become a widely accepted treatment option. Traditional implant placement, originally described by Branemark(1960s), involved 2 stage procedure of implant placement followed by abutment connection after a 3 - 6 month healing period. In early 1990s immediate loading 1 stage protocol in which abutment connection occurred the same day began, the concept of osseointegration has also been applied to fixed implant prostheses for edentulous patients, thus creating fixed complete dentures — also known as hybrid prostheses. This term is commonly used to describe a complete denture that is fully supported and retained by implants (i.e., it does not rely in soft tissue for support or stability). This case report describes the steps in prosthetic rehabilitation of a mandibular implant supported hybrid prosthesis opposing a conventional maxillary denture which is made hollow to reduce the weight of the prosthesis.

Keywords: implant supported hybrid prosthesis, hollow maxillary denture, immediate loading, full mouth rehabilitation

Access this Article Online	Quick Response Code:
Website: http://heb-nic.in/jopd	79,2293
Received on 29/06/2023	(A)
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