

TOPIC: Restoring the Edentulous Maxilla with Dental Implants

Presented by: Dr. Igor Pesun

Abstract: Removable complete maxillary denture prosthesis (CUD) are a treatment modality that is provided to patients who are missing all of their maxillary teeth. These prostheses replace the missing dentition and their adjacent tissues. Most patient function well with a conventionally retained denture that uses suction to retain the denture. There are those patients who would like to have a more stable prosthesis or even not removable. In those instances implants are utilized to provide additional support and retention. Treatment objectives in removable implant prosthodontics are to preserve the bone and their supporting tissues. Implant therapy must encompass evaluation of the existing biological factors, as well as consideration of the mechanical aspects of denture design. Masticatory loads move a complete denture toward its supporting structures and must ultimately be resisted by "BONE." These loads are transmitted to the bone through the implants. To minimize the effect of such forces one must use a minimum number of implants for the broadest possible distribution of load and retention. One must look at the smile line of the patient and the amount of bone available to determine the type of Prosthesis that will provide the most esthetic, functional and cleansable restoration. This presentation will review where implants can be placed to support maxillary complete dentures. Attendees will be able to assess the patient for the type of restoration that would allow for adequate support for the restoration that is esthetic and cleansable.

Learning Objectives:

Participants will be able to:

1. Know what is the minimum number of implants that a patient needs to support various types of maxillary complete prosthesis.
2. Be able to select the appropriate type of prosthesis that would be the most esthetic based on the soft tissue anatomy of the patient.
3. Understand the treatment sequence for the fabrication of various types of implant supported maxillary prosthesis.

Bio: Dr. Igor Pesun is Associate Professor and Director of the Graduate Prosthodontic Program at the University of Manitoba. He completed his Prosthodontic training at the Medical College of Georgia's (Currently Augusta University). He began his full time teaching career at the University of Minnesota. Dr Pesun is a Board Certified Prosthodontist in both the USA and Canada. He is a Board Examiner for the Royal College of Dentists of Canada in Prosthodontics.

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