



Academy of Prosthodontics 2024 Annual Scientific Session Four Seasons Hotel, Denver, Colorado May 29 – June 1, 2024

Program Speaker – Avi Bidra

Title

Pterygoid Implants for Advanced Full Arch Fixed Implant Supported Prosthodontics

Abstract

Placement of implants in the posterior maxilla in terminal dentition or edentulous patients is known to be challenging due to the quality and quantity of available bone and the presence of the maxillary sinus. In an attempt to solve these problems, pterygoid implants were introduced in 1989. Though not popularly used, the primary advantage of these implants is their graftless nature, engagement of dense cortical bone of the pterygoid plates, elimination of distal cantilevers and serving as a reserve implant. The primary disadvantage is the associated learning curve, technique sensitivity, anatomic challenges. This presentation will provide a scientific overview as well as present survival data about pterygoid implants, and make the case for their broader utilization in prosthodontic treatment.

Learning Objectives

1. To understand that implant placement is subcrestal prosthodontics and how remote skeletal anchorage devices can aid in improving patient's quality of life.
2. To understand the advantages and disadvantages of pterygoid implants in the rehabilitation of edentulous and terminal dentition patients.
3. To understand the indications and contraindications of pterygoid implants.
4. To understand the clinical anatomy of the pterygoid region and technique for placement.

Biography

AVINASH S. BIDRA BDS, MS, FACP

Dr. Bidra is a board certified maxillofacial prosthodontist and serves as clinical professor and director of the prosthodontics residency program at UCONN School of Dental Medicine. He maintains a part time private practice restricted to Implant Surgery and Prosthodontics in Glastonbury, CT. He has lectured at national and international meetings, as well as published extensively in international scientific journals. He has developed diagnostic and treatment protocols for full arch fixed implant prostheses that are used by many clinicians and prosthodontics residency programs worldwide. Dr. Bidra is the recipient of the ACP's Distinguished Clinician Award as well as the Educator of the Year Award.