

## **Title: Pterygoid Implants for Rehabilitation of the Atrophic Maxilla and Maxillectomy Defects: Hands On Surgical and Prosthetic Techniques**

### **Course description:**

Atrophic posterior maxilla, sinus pneumatization and maxillectomy defects are challenging factors in the rehabilitation of edentulous maxillae. Pterygoid implants provide a graftless approach to maximizing anteroposterior spread of implants and avoiding distal cantilevers. Successful pterygoid implant-based rehabilitation involves technique sensitive surgical protocols and requires a thorough understanding of the pterygomaxillary anatomy. This course will provide an overview of the advantages, anatomic considerations, and surgical and prosthetic treatment planning for placement of pterygoid implants. Attendees will be guided through two step by step hands-on surgical techniques for a deep conical internal connection and an angle corrected external hex pterygoid implant, and relevant prosthetic components.



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**Dr. Akanksha Srivastava** is a maxillofacial prosthodontist at the University of Illinois Health Craniofacial Center in Chicago. She is board-certified by the American Board of Prosthodontics and the Royal College of Dentists of Canada. She is a Diplomate of the American College of Prosthodontists and a Fellow of the American Academy of Maxillofacial Prosthetics. Dr. Srivastava earned her BDS degree with a dean's gold medal of honor from Dr. D.Y. Patil University, Navi Mumbai, India. She then went on to pursue a Master of Science degree at McGill University, Montreal, Canada where she focused her research program on health economics data for implant treatment. She completed her prosthodontics residency, certificate in implant surgery and master's in dental science training from University of Connecticut. She further pursued a fellowship in Oral Oncology and Maxillofacial Prosthodontics from University of Texas MD Anderson Cancer Center.

Dr. Srivastava works with the multidisciplinary team at the University of Illinois Health Craniofacial Center to provide care to children and adults with reconstructive needs, including cleft lip and palate, head and neck cancer, craniofacial trauma and other congenital and acquired orofacial conditions. She specializes in craniofacial implants and prosthetic rehabilitation, utilizing state-of-the art digital technologies to enhance her patient's oral rehabilitation outcomes. Her research program encompasses oral morbidities associated with oncologic treatment and outcomes in dental implantology.

Dr. Srivastava has over 60 published books, book chapters, abstracts, and manuscripts and has won numerous awards for her academic achievements. She lectures nationally and internationally and is actively involved within the American College of Prosthodontists, American Academy of Maxillofacial Prosthetics, and American Academy of Fixed Prosthodontics.