



Academy of Prosthodontics 2025 Annual Scientific Session
The Westin Kierland Resort and Spa, Scottsdale, AZ | May 28-31, 2025

Program Speaker – Tara L. Aghaloo, MD, DDS

Title

Zygomatic Implants: What Do We Know and What Do We Need to Know?

Abstract

Dental implants are a successful and predictable treatment option for missing teeth, where most patients and clinicians seek this treatment to replace missing teeth. Favorable implant outcomes depend greatly on adequate bone and soft tissue for restoratively-driven implant placement, long-term function, and optimal esthetics. In patients with significant alveolar ridge resorption, congenital defects, or post-surgical resection, traditional implant surgical techniques and restorations are often impossible. In these complex cases, predictability and long-term stability, while minimizing complications, are key factors for both patients and clinicians. How do zygomatic implants fit into our treatment options for the atrophic maxilla? Should we consider zygomatic implants instead of sinus augmentation, or should they only/mainly be used in patients with maxillofacial defects? How easy is the surgery? Are complications a major concern? This presentation will update the clinician on indications, advances in surgical technique, limitations, and complications when treatment planning, executing, and restoring patients using zygomatic implants.

Learning Objectives

- Discuss strategies, techniques, and technologies for the use of zygomatic implants in patients with compromised maxillary bone.
- Familiarize the participant with the use of zygomatic implants in patients with maxillofacial defects.
- Provide insight into the limitations and complications of zygomatic implants.

Biography

Dr. Tara Aghaloo is a Professor in Oral and Maxillofacial Surgery at the UCLA School of Dentistry. She completed her dental training at the University of Missouri-Kansas City, and Oral and Maxillofacial Surgery residency, MD, and PhD in Oral Biology at UCLA. She is a diplomate of the American Board of Oral and Maxillofacial Surgery and is a board examiner for the specialty. She has a very active clinical practice focusing on bone and soft tissue regeneration and dental implant surgery, with specific focus on medically and surgically complex cases. She is also active in professional organizations where she is the Associate Editor for the Journal of Oral and Maxillofacial Surgery and Past-President of the Academy of Osseointegration (AO).

*Speaker has disclosed grant/research support from the NIDCR and the OMS Foundation, as well past honoraria from Geistlich Pharma, Biohorizons, and Dentsply-Sirona.