

# Regenerative therapies in the Posterior Maxilla

## Guided bone regeneration vs Sinus augmentation

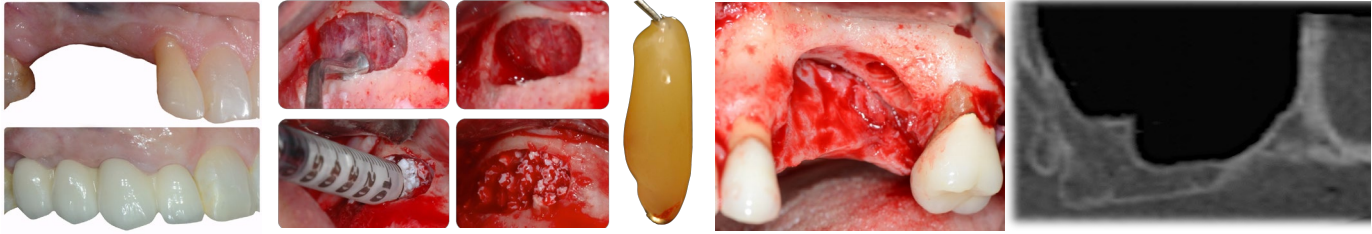
VISTA

Institute for Therapeutic Innovations

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- 14 hours of on-demand online education
- 14 hours of live lecture + hands-on workshop
- Live event: Sunday, May 2-3, 2020

Tuition: \$2950



The atrophic posterior maxilla has unique anatomic and structural features, including proximity to the maxillary sinus and low-density bone. The atrophic ridge can either be managed through sinus augmentation or alveolar ridge augmentation. Several factors have to be considered in order to decide whether sinus or ridge augmentation or both should be employed for optimal bone volume and contour. These include: 1) fully- vs partially-edentulous patient, 2) position of the edentulous alveolar crest relative to the bone level on adjacent teeth, and 3) esthetic requirement. Flap management in the posterior maxilla requires specific considerations and provides unique opportunities to protect the graft and at some point, to augment the mucosa and extend the vestibule. Implant therapy in this region also requires specific considerations, such as application of short or tilted implants. This course provides a comprehensive approach for managing the patients with atrophic posterior maxilla.

### EDUCATIONAL OBJECTIVES

- Classification of alveolar ridge deficiencies
- Risk Assessment: Patient and site characteristics influence on outcome
- Management of patient/site risks
- Material Selection: Autogenous: methods and location of harvesting
- Xenograft: is sintering temperature important?; Alloplast (HA, TCP, biphasic); Allograft
- Leukocyte Platelet Rich Fibrin (L-PRF)
- Membrane selection: resorbable vs non-resorbable; cross-linked vs native collagen
- Fixation system: MODfixUNifix; Tenting screws; Membrane fixation
- Lateral vs transcrestal sinus augmentation
- Sinus antrostomy design
- Piezosurgery
- Flap design: achieving tension-free flap
- Suture techniques: to prevent graft exposure
- Graft and membrane stabilization
- Decortication
- Soft tissue management: connective tissue graft; free gingival graft
- Vestibuloplasty
- Complications:

### Simulated workshop and live surgery

- Guided Bone Regeneration: modular bone augmentation protocol
- Lateral window and crestal antrostomy and sinus augmentation
- Vestibuloplasty/extension