



## **Academy of Prosthodontics 2019 Annual Scientific Session Fairmont Banff Springs Hotel, Banff Canada May 29 – June 1, 2019**

### **Program Speaker – Professor Thomas Salinas**

#### **Title**

Maxillofacial Reconstruction:  
Modern Day Approach and Application

#### **Abstract**

The increasing demand for surgical reconstruction of the jaws has prompted a heightened synergy between prosthodontics and surgical specialists. The approach taken in recent years has also taken on a digital perspective in placing osseous flaps into optimal spatial orientation and likewise with the use of dental implants. Outcomes of these patients will continue to serve as a reference for those who continue to determine the efficacy of these modes of therapy.

#### **Learning Objectives**

1. Identify factors that are integral to reconstruction of the maxilla and mandible based on biomechanic/physiologic need.
2. Understand the rationale and advantages of using 3-dimensional virtual planning for reconstruction of maxillary and mandibular defects.
3. Understand the steps needed for imaging and spatial requirements to create surgical guides and specific products that facilitate maxillofacial reconstruction.
4. Compare the advantages in using 3-dimensional reconstructive planning over traditional techniques for optimal outcomes.

#### **Biography**

PROFESSOR THOMAS SALINAS

Thomas Salinas is Professor of Dentistry at the Mayo Clinic, where his time is dedicated to rehabilitation of patients with complex care needs. He has authored over 75 publications related to prosthodontics and interdisciplinary care. His research interests are biomaterial behavior and clinical outcome studies. He is advanced prosthodontic program director since 2010 and has leadership roles within the clinical practice and department. He represents the Academy of Prosthodontics on the Editorial Council for the Journal of Prosthetic Dentistry. A native of New Orleans, he was educated at Louisiana State University Health Science Center and MD Anderson Cancer Center.