



**Academy of Prosthodontics 2026 Annual Scientific Session
The Boca Raton Hotel, Boca Raton, FL | May 27-30, 2026**

Program Speaker – Michael Miloro, DMD, MD

Title

Nerve Injuries with Dental Implants

Abstract

Nerve injuries may occur commonly following dental implant placement and can result in significant patient morbidity. There are risk factors that predispose patients to nerve injury and prevention should be the optimal strategy. However, when nerve injuries occur, they must be diagnosed promptly and classified based upon the likelihood of an injured nerve to recover spontaneously. Patient evaluation includes a standard set of objective and subjective neurosensory tests. Both non-surgical and microsurgical treatment options are available and referral to a nerve surgeon and neurologist should not be delayed. Unfortunately, dental implant-related nerve injuries are more likely to result in post-traumatic neuropathic pain and warrant pharmacologic management. To increase awareness and access to care for patients, new technology, microsurgical techniques, and materials availability (processed nerve allograft) have improved our ability to manage these nerve injuries most appropriately resulting in excellent success rates and decreased patient morbidity.

Learning Objectives

- Be familiar with the risk factors and mechanism of injury for implant-related nerve injuries.
- Identify, diagnose, and manage/refer nerve injuries from implant placement.
- Understand the non-surgical and surgical treatment options for implant nerve injuries.

Biography

Dr. Michael Miloro is the Daniel M. Laskin Professor and Head of Oral and Maxillofacial Surgery at the University of Illinois at Chicago College of Dentistry. He attended college at the University of Rochester earning a B.S. degree in Neuroscience. He attended dental school at Tufts University in Boston, and medical school and residency training in General Surgery, and Oral and Maxillofacial Surgery at the University of Pennsylvania in Philadelphia. Dr. Miloro has held academic positions at The Ohio State University, University of Maryland, and University of Nebraska. Dr. Miloro is a Diplomate and past-Examiner for the American Board of Oral and Maxillofacial Surgery, a Faculty Fellow of the American Association of Oral and Maxillofacial Surgeons, a Fellow of the International Association of Oral and Maxillofacial Surgeons, and a Fellow of the American College of Surgeons.

Dr. Miloro has major clinical and research interests in orthognathic surgery, TMJ surgery, implant surgery, and trigeminal nerve injuries and reconstruction. Dr. Miloro has lectured nationally and internationally, has published extensively in the medical and dental literature almost 200 peer-reviewed publications. Dr. Miloro currently serves as the Section Editor of the Journal of Oral and Maxillofacial Surgery and is Editor of three major textbooks including Peterson's Principles of Oral and Maxillofacial Surgery, Complications in Oral and Maxillofacial Surgery, and Trigeminal Nerve Injuries.

**Speaker has disclosed affiliation with AxoGen, Inc.*