



New England Otolaryngological Society

April 16, 2021

Virtual Program

Cranial Nerve Surgery

[Our Featured Speakers \(on demand content\): Ready to View on Monday, April 12](#)

Manuel Ferreira, Jr. MD, PhD, AANS

*Director of Skull Base and Minimally Invasive Neurosurgery
Associate Professor of Neurological Surgery and Chief of Service
University of Washington Medical Center*

Optimizing Management of Cranial Nerve Schwannomas

Richard O. Wein, MD, FRCSC

Associate Professor of Otolaryngology-Head and Neck Surgery, Tufts University School of Medicine

Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea: Lessons learned thus far

Nate Jowett, MD, FRCSC

*Director, Surgical Photonics and Engineering Laboratory, Physician and Surgeon
Massachusetts Eye and Ear*

Assistant Professor of Otolaryngology-Head and Neck Surgery, Harvard Medical School

Facial Reanimation and Trigeminal Sensory Neurotization

[Resident Speaker Presentations \(on demand content\): Ready to View on Monday, April 12](#)

University of Vermont – Daniel Gerges, MD

Vagus Nerve Stimulation and the Role of the Otolaryngologist

Boston University – Jennifer Shehan, MD

Not Just Another Accessory: CN XI Surgery

Dartmouth – Mason Hinchcliff, MD

Unilateral Vocal Fold Paralysis: A Comparison of Surgical Options

Yale University – Kevin Fujita, MD

Vestibular Implants

Harvard Medical School – Suresh Mohan, MD

Too Much and Never Enough: How Rogue Regeneration Created the Facial Nerve World's Most Unpredictable Operation

Albany Medical College – Rafael Cardona, MD

Recurrent Laryngeal Nerve Reinnervation: Restoring Form and Function

Tufts University- Christopher Shumrick, MD

V3 Nerve Grafting for Preservation of Lower Lip Sensation in Segmental Mandibulectomy

University of Connecticut- Roshansa Singh, MD

Let There Be Light - And Relief

[Research Grant Presentations \(on demand content\): Ready to View on Monday, April 12](#)

2020 Winner: Kathryn L. Kreicher, MD, University of Connecticut Health

Development of a 3-D Printed Model for Rhinoplasty Simulation

2019 Winner: Lawrence Kashat, MD, University of Connecticut

Use of Augmented Reality Microscopy in the Surgical Treatment of Lesions of the Larynx

[Live, interactive content April 16, 2021](#)

1:00pm – 2:00pm - Panel Discussion: Four Innovative Cranial Nerve Surgeries

Panelists: David J. Chang, DMD; Benjamin S. Bleier, MD; Alexander P. Marston, MD; Lauren F. Tracy, MD

2:00pm – 2:30pm – Interactive discussion and question and answer session

David J. Chang, DMD; Benjamin S. Bleier, MD; Alexander P. Marston, MD; Lauren F. Tracy, MD

2:30pm – 2:45pm - Interactive discussion and question and answer session, invited speakers

Manuel Ferreira, Jr, MD, PhD; Nate Jowett, MD

2:45pm - 3:30pm - * Panel Discussion: Facial Nerve Trauma

Panelists: Alicia M. Quesnel, M.D; Alexander P. Marston, MD; Caroline A. Banks, MD

3:30 – 4:00pm – Announcement of resident presentation winners and wrap up

Andrew R. Scott, MD



Officers

Andrew R. Scott, MD, NEOS President

AScott@tuftsmedicalcenter.org

Rebecca Stone, MD, President-Elect

rebecca.stone@boston-ent.com

Stacey Tutt Gray, MD, Secretary/Treasurer

Stacey_gray@meei.harvard.edu

Program Objectives

- Gain improved understanding of several surgical techniques including selective nerve sectioning, neurotomy, nerve grafting, and attachment of implantable electrodes
- Review the benefits and limitations of facial reanimation surgery and to name several surgical techniques that may be used to reconstruct the paralyzed face
- Describe the ideal candidate for hypoglossal nerve stimulation surgery and attain familiarity with the mechanism of action of cranial nerve stimulation systems used for treating obstructive sleep apnea

Program Overview

Otolaryngology – Head & Neck Surgery is a discipline that requires a comprehensive understanding of a multitude of intricate anatomical structures. A clinician's knowledge of cranial nerve function plays a critical role in one's ability to diagnose and manage diseases of the head and neck. As the field of otolaryngology has evolved, the cranial nerves themselves have become viewed as more than merely structures to be avoided or spared during surgery. Today, many subspecialties are utilizing cranial nerves as sites of therapeutic intervention, restoring function to damaged nerves and harnessing the power of normative neuromuscular physiology to treat diseases ranging from epilepsy to sleep apnea. Through a series of lectures and panel presentations, attendees will be exposed to a wide armamentarium of surgical techniques and therapeutic interventions involving the cranial nerves. The program will cover multiple innovative surgeries that are currently practiced throughout the field of otolaryngology.

AMA Credit Designation Statement

The New England Otolaryngological Society designates this live activity for a maximum of 7.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Accreditation Statement

The New England Otolaryngological Society is accredited by the Massachusetts Medical Society to provide continuing medical education for physicians.

This activity meets the criteria of the Massachusetts Board of Registration in Medicine for risk management study, denoted with an *.

**For questions, please contact Lina Szymkowski
CME Coordinator at 781-434-7313 or lszymkowski@mms.org**