

VIRGINIA MASON CONTINUING MEDICAL EDUCATION

Temporal Bone Lab

Friday, Nov. 11 – Saturday, Nov. 12, 2016 • Seattle

Current Management Techniques in Otology and Otolaryngology

Saturday, Nov. 12, 2016 • Seattle

 The Listen For Life Center
at Virginia Mason



Faculty

COURSE DIRECTOR:

Seth R. Schwartz, MD, MPH

Otology, Neurotology & Skull Base Surgery
Medical Director, The Listen For Life Center at Virginia Mason
Department of Otolaryngology/Head-Neck Surgery
Seattle, Wash.

KEYNOTE SPEAKER:

Daniel H. Coelho, MD, FACS

G. Douglas Hayden Associate Professor
Otology, Neurotology, Skull Base Surgery
Virginia Commonwealth University Health System
Richmond, Va.

GUEST FACULTY:

James V. Crawford, MD

Assistant Professor of Surgery, Uniformed Service University
Otology and Neurotology
Madigan Army Medical Center, Tacoma, Wash.

Kaalan E. Johnson, MD

Surgical Director of the Aerodigestive Program
Seattle Children's, Seattle, Wash.

Sanjay R. Parikh, MD

Medical Director, Surgical Specialties, Bellevue Clinic and Surgery Center
Seattle Children's, Seattle, Wash.

Edward M. Weaver, MD, MPH

Professor of Otolaryngology
Chief of Sleep Surgery, Co-Director of the Sleep Center
University of Washington
Harborview Medical Center, Seattle, Wash.

VIRGINIA MASON FACULTY:

Matthias K. Lee, MD

Sleep Disorders Center

Daniel M. Zeitler, MD, FACS

Otology, Neurotology & Skull Base Surgery
The Listen for Life Center
Department of Otolaryngology/Head-Neck Surgery



Accreditation with Commendation: The Virginia Mason Medical Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Temporal Bone Lab, held at The Listen For Life Center at Virginia Mason, provides a unique opportunity for otolaryngologists to increase their knowledge and competence in chronic ear surgery. Day One begins with direct surgical observation of related procedures, followed by laboratory dissections and drilling simulations of the temporal bone. On Day Two participants begin with a half day of lecture-based learning at “Current Management Techniques in Otology and Otolaryngology”, then return to the lab for the afternoon. Through laboratory dissections, participants will gain a better understanding of the anatomy of the facial nerve. Dissections will mirror surgical procedures of the ear with hands-on practice of tympanoplasty, ossiculoplasty, stapedotomy, cochlear implant, mastoidectomy and canalplasty. Teaching methods include surgical observation, simulation, lectures and hands-on experience.

TARGET AUDIENCE: This course is appropriate for the practicing otolaryngologist, fellows in training and residents.

OBJECTIVES: At the conclusion of this activity, participants should be able to:

- Determine the facial nerve in the mastoid, middle ear and internal auditory canal
- Recommend options to reduce chronic mastoid cavity drainage
- Assess the indications and techniques for trans-mastoid labyrinthectomy
- Visualize and identify normal mastoid and middle ear anatomy as demonstrated in the cochlear implant operation
- Perform a cochlear implant surgery
- Perform a lateral and a medial graft tympanoplasty
- Summarize the indications for intact canal wall and canal wall down mastoidectomy
- Perform a stapedotomy or stapedectomy
- Specify the anatomy of the stylomastoid foramen
- Apply latest available biomaterials in the middle ear mastoid
- Perform BAHA surgery
- Evaluate, discuss and manage issues raised by delegates

Current Management Techniques in Otology and Otolaryngology is a half-day course with two main areas of focus. First will be current topics in otology, which will include lectures on evaluation and management of pulsatile tinnitus, work-up and differential diagnosis of conductive hearing losses, and the role of the Eustachian tube and how to manage it in chronic ear disease.

The second portion will focus on all aspects of obstructive sleep apnea. Lectures will cover the medical and surgical management of both adult and pediatric patients. There will be extensive discussion about different testing strategies and the differences between adult and pediatric patients, as well as a case based panel discussion to illustrate critical points in the work-up and management of pediatric and adult patients with obstructed breathing.

TARGET AUDIENCE: This course is appropriate for otologists, otolaryngologists, fellows in training, residents, physician assistants and nurse practitioners.

OBJECTIVES: At the conclusion of this activity, participants should be able to:

- Review anatomy and physiology of the middle ear as it relates to conductive hearing loss
- Identify etiologies of conductive hearing loss in patients with normal tympanic membranes and middle ears
- Describe how audiometric testing may help differentiate the etiology of conductive hearing loss
- Identify causes of pulsatile tinnitus
- Discuss management options for patients with pulsatile tinnitus
- Describe how sleep apnea is assessed and managed
- Discuss the role of polysomnography in evaluating children with sleep disordered breathing
- Assess the various surgical options for children with sleep apnea
- Discuss the role of surgery in managing patients with complex sleep apnea
- Summarize the role of otolaryngology in the treatment of sleep apnea
- Learn and weigh factors that contribute to decision making when considering procedures to improve sleep apnea

Friday, Nov. 11, 2016

Temporal Bone Lab, Day 1

- 7:30 a.m. Registration, ID badges and change to scrubs
- 8:15 a.m. **Operating Room Observation**
Two Cases: Chronic Ear and Cochlear Implant
- 1:30 p.m. Lunch with group
- 2:00 p.m. **Temporal Bone Lab Drilling Session I**
Topics: Tympanoplasty Techniques: Lateral vs. Medial • Canalplasty • Ossiculoplasty • Canal Wall-Intact Mastoidectomy • Facial Recess and Extended Facial Recess
- 6:30 p.m. Adjourn

Saturday, Nov. 12, 2016

Otology Lectures (Volney Auditorium)

- 7:30 a.m. Registration/breakfast
- 7:55 a.m. **Introduction and Overview** | Seth Schwartz, MD
- 8:00 a.m. **Pulsatile Tinnitus: Evaluation and Management** | Daniel Coelho, MD
- 8:30 a.m. **Conductive Hearing Loss: It's Not Always Otosclerosis** | Daniel Zeitler, MD
- 9:00 a.m. **Chronic Ear Disease and the Eustachian Tube** | Seth Schwartz, MD
- 9:30 a.m. **Panel Discussion: Interesting Cases in Otology**
Moderator: Seth Schwartz, MD
Panelists: Daniel Coelho, MD; Daniel Zeitler, MD; James Crawford, MD
- 10:00 a.m. Break
- 10:15 a.m. **Overview of Sleep Apnea from the Sleep Medicine Physician Perspective**
Matthias Lee, MD
- 10:45 a.m. **Pediatric Sleep Apnea** | Kaalan Johnson, MD
- 11:15 a.m. **Adult Sleep Apnea: Surgical Considerations** | Ed Weaver, MD
- 11:45 a.m. **Panel Discussion: Sleep Apnea**
Moderator: Matthias Lee, MD
Panelists: Kaalan Johnson, MD; Ed Weaver, MD; Sanjay Parikh, MD
- 12:15 p.m. **Final questions, lecture program closes**
- 12:30 p.m. Lunch (all attendees)

Temporal Bone Lab, Day 2

- 1:15 p.m. Break
- 1:30 p.m. **Temporal Bone Lab Drilling Session II**
Topics: Extended Epitympanic Approach for Access to Ossicles • Cochleostomy • Retrofacial Air Cell Tract Drill-Out • Canal Wall Down Mastoidectomy • Approaches to the Internal Auditory Canal
- 6:00 p.m. Adjourn, submit verification of hours and evaluation

Location: Courses will be held at Virginia Mason in downtown Seattle, Washington. The Temporal Bone Lab will be held at The Listen for Life Center at Virginia Mason, located in Blackford Hall, 1202 Terry Avenue (at Terry & Seneca). Lectures will be held in Volney Richmond Auditorium, located in the Lindeman Pavilion, Level One, 1201 Terry Avenue. Please note the Terry Street entrance into Lindeman Pavilion is Level Two.

If you are a person with a disability or dietary restriction, please e-mail or call the office so we may assist in accommodating your needs.

To register, complete the form below and send via:



MAIL:

Virginia Mason CME Dept.
1100 9th Ave, D3-CME
Seattle, WA 98101



PHONE: (206) 341-0142



FAX: (206) 341-1480



E-MAIL: cme@virginiamason.org

WEB: VirginiaMasonCME.org

Cancellation and Refund Policy: Refunds will be made for a fee of \$25 if written notice of cancellation is received at least 14 calendar days prior to the activity.

Registration



PLEASE REGISTER ME FOR:

- Temporal Bone Lab (includes Otology/Otolaryngology Lectures):** Nov. 11–12, 2016
Tuition: \$450.00 Scrub size: S M L XL
Lab space is limited!
- Current Management Techniques in Otology and Otolaryngology:** Nov. 12, 2016
Tuition: \$100.00

NAME

DEGREE/CREDENTIALS

SPECIALTY

ORGANIZATION

ADDRESS

CITY/STATE/ZIP

PHONE

E-MAIL

Please provide one question for the faculty: _____

- Please add me to your e-mail list for news of upcoming CME courses at Virginia Mason.

PAYMENT:

- Check enclosed. Make check payable to Virginia Mason CME
- Please charge my: VISA MasterCard American Express Discover

CARD NUMBER

EXPIRATION DATE

CARDHOLDER NAME

SIGNATURE

Credit Designation: Temporal Bone Lab with Otology/Otolaryngology Lectures: Virginia Mason designates this live activity for a maximum of 18.5 AMA PRA Category 1 Credits™. **Otology/Otolaryngology Lectures only:** Virginia Mason designates this live activity for a maximum of 4.25 AMA PRA Category 1 Credits™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.