

## 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.

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Virginia Mason Medical Center  
Continuing Medical Education  
1100 Ninth Ave., D3-CME  
Seattle, WA 98101

**Temporal Bone Lab**  
Friday, Nov. 11–Saturday, Nov. 12, 2016

**Current Management Techniques  
in Otology and Otolaryngology**  
Saturday, Nov. 12, 2016

For more information on Virginia Mason CME Courses, visit our CME web portal at [VirginiaMasonCME.org](http://VirginiaMasonCME.org).



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 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.