



7TH ANNUAL SEATTLE OTOLOGY & RHINOLOGY COURSE

March 9th - 11th, 2017

Seattle Science Foundation
550 17th Avenue
James Tower, Suite 600
Seattle, Washington 98122

JOINTLY SPONSORED BY SWEDISH MEDICAL CENTER & SEATTLE SCIENCE FOUNDATION IN COLLABORATION WITH THE UNIVERSITY OF WASHINGTON MEDICAL CENTER

CME CONTINUING
MEDICAL
EDUCATION



COURSE DESCRIPTION

The S.O.A.R. course is designed for practicing otolaryngologists to deepen their knowledge and improve their technical abilities in paranasal sinus and otological surgery. The agenda has been designed based on feedback from course assessments from the past 10-years. Long lecture segments have been replaced with added time in the anatomical laboratory supplemented by brief topical presentations related to the current dissections. Self-paced learning is emphasized. This 3-day intensive course will reinforce standard treatments and will introduce delegates to leading edge technologies, surgical techniques, and biomaterials. The goal of the course is to optimize the time each participant is taking away from their practice by building confidence to address more complicated pathology in the paranasal sinuses and temporal bone.

This hands-on training experience will provide unique opportunities for surgical technique application and will focus on caring for patients with ear and sinus disorders. Four different tracks will be offered to allow delegates to tailor their experience to their clinical needs. For the tracks including laboratory dissection, participants will have their own specimen and dissection station (including image guidance) for lab sessions.

Tracks available:

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|---------|--|
| Track 1 | 3-day Otology, Rhinology Lab & Lecture
<i>All Day Thursday to Saturday</i> |
| Track 2 | Otology Lab & Lecture
<i>All Day Thursday to Friday</i> |
| Track 3 | Rhinology Lab & Lecture
<i>All Day Friday to Saturday</i> |
| Track 4 | Didactic Lectures in Rhinology & Otology
<i>All Day Friday</i> |

During lunch on Friday, delegates will have the opportunity to review the latest technologies related to ear and sinus surgery in the ENT Exploratorium (no CME credits available for this 45 minute block.)

NEEDS STATEMENT

Substantial advancements have been made in the last decade with regards to the medical and surgical treatment of patients with ear and sinus disorders. However, with rapid changes in treatment, there exists a tremendous need for continued medical education regarding surgical approaches, techniques, and new technologies. Providers need to be updated and trained in these modalities in order to develop effective treatment plans for their patients, ultimately improving patient care and outcomes.

INTENDED AUDIENCE

This course is intended for practicing otolaryngologists, otologists, rhinologists, nurse practitioners and physicians' assistants in the United States who would like to broaden their scope of practice in the medical and surgical treatment of disorders of the paranasal sinuses, eustachian tubes and temporal bone.

OBJECTIVES

- Apply a step-wise approach for cholesteatoma eradication and middle ear reconstruction
- Recognize the basic middle ear mechanics behind various middle ear reconstructions
- Recognize the key anatomic danger areas in labyrinthectomy
- Develop a standardized workup for conductive hearing loss patients
- Identify opportunities and limitations for imaging implantable devices
- Review current and future technology under development designed to treat hearing loss
- Outline current hearing preservation outcomes from cochlear implantations
- Outline a standardized approach to second stage reconstruction of the middle ear and chronic ear surgery
- Evaluate the dizzy patient through history, physical exam, and treatment plan development
- Discuss the many medical issues that are challenging to treat in chronic sinus disease
- Explore the most up-to-date advances and surgical techniques in Rhinology
- Identify the controversies in the medical management of patients with chronic sinusitis
- Discuss the optimal surgical approaches to treating chronic rhinosinusitis
- Recognize the danger areas within the sinus anatomy
- Appreciate the techniques used to minimize complications for frontal and sphenoid sinus surgery
- Recognize how to medically and surgically approach the most challenging rhinology cases presented by the experts

ACKNOWLEDGEMENTS

This symposium is supported in part by educational grants in accordance with ACCME Standards. At the time of this printing, a complete listing of financial supporters was not available. Appropriate acknowledgement will be given to all supporters at the time of the symposium.





CME INFORMATION

Accreditation with Commendation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Swedish Medical Center and Seattle Science Foundation. Swedish Medical Center is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

Swedish Medical Center designates this live activity for a maximum of 25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PLANNING COMMITTEE

Douglas D. Backous M.D., FACS
 Greg Davis, M.D., M.P.H.
 Vincent Chan, M.D.
 Caye Boosalis, Manager, Swedish CME
 Linda Sahlin, Director of Education, Seattle Science Foundation
 Clara Greaney, Program Specialist, Seattle Science Foundation

LOCATION

The Seattle Science Foundation is located at 550 17th Avenue, James Tower, Suite 600 in Seattle, Washington. Parking is available in the garage on 16th Avenue between Cherry and Jefferson at a maximum fee of \$16.50. From I-5 (northbound and southbound), take the James Street exit. Travel east on James Street. James will become Cherry Street. Turn right (south) on 16th Avenue. Turn right into the main garage entrance.

FOR FURTHER INFORMATION

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OTOLOGY FACULTY

Douglas D. Backous, M.D., F.A.C.S., Course Director

Medical Director, Center for Hearing & Skull Base Surgery
Swedish Neuroscience Institute
Seattle, Washington

Guest Faculty

Matthew Carlson, M.D.

Assistant Professor of Neurosurgery
The Mayo Clinic
Rochester, Minnesota

Prof. Dr. med. Thomas Lenarz

Professor and Chairman Department of
Otorhinolaryngology
Medical University of Hannover
Hannover, Germany

Robert Vincent, M.D.

Causse Ear Clinic
Béziers, France

Local Faculty

Dick Hoistad, MD

Proliance Surgeons
Seattle, Washington

Clifford Hume, MD, PhD

University of Washington
Seattle, Washington

Sean McMenemy, M.D.

Director of Neurotology & Skull Base Surgery
Swedish Neuroscience Institute
Seattle, Washington

Judith White M.D., Ph.D.

Medical Director, Balance Center
Swedish Neurosciences Institute
Seattle, Washington





RHINOLOGY FACULTY

Greg Davis, M.D., M.P.H., Course Director

Associate Professor of Otolaryngology
Director of Rhinology and Endoscopic Skull Base Surgery
University of Washington, Department of Otolaryngology-HNS
Seattle, Washington

Guest Faculty

Raymond Sacks, M.D.

Clinical Professor
University of Sidney
Sidney, Australia

Brent Senior, M.D., F.A.C.S, F.A.R.S

Professor of Otolaryngology/Neurosurgery
University of North Carolina
Chapel Hill, North Carolina

Sarah Wise, M.D.

Associate Professor of Otolaryngology
Emory Healthcare
Atlanta, Georgia

Local Faculty

AJ Amadi, M.D.

Clinical Associate Professor
Co-Director, Oculoplastics Fellowship
University of Washington
Seattle, Washington

Ian Humphreys, D.O.

Assistant Professor
Rhinology & Endoscopic Skull Base Surgery
University of Washington
Seattle, Washington

Amy S. Anstead, M.D.

Otolaryngologist
Virginia Mason Medical Center
Seattle, Washington

Jamie Litvack, M.D., M.S.

Harborview Medical Center
Seattle, Washington

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Assistant Professor
Center for Allergy & Immunology
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Seattle, Washington

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Division Chief
Otolaryngology, Vascular Anomalies, Research
Seattle Children's Hospital
Seattle, Washington

Vincent Chan, M.D.

Swedish Medical Center
Seattle Medical Center

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Professor, Otolaryngology
Head & Neck Surgery
University of Washington
Seattle, Washington

Michael Cruz, M.D.

Spokane Ear, Nose & Throat Clinic
Spokane, Washington

Al Pokorny, M.D.

Spokane Ear, Nose & Throat Clinic
Spokane, Washington

Roy Thomas, M.D.

Madigan Healthcare System
Tacoma, Washington

AGENDA

Thursday, March 9th - Temporal Bone Course

- 7:30 a.m. Breakfast & Registration**
- 7:55 a.m. Welcome & Course Overview**
Douglas D. Backous, M.D.
- 8:00 a.m. Lecture: My Approach to Planning Surgery for Chronic Otitis Media and Cholesteatoma**
prof. Dr. med. Thomas Lenarz
- 8:30 a.m. Temporal Bone Drilling Lab 1**
Backous, McMenomey, Lenarz, Vincent, Carlson, Hume, Hoistad
1. Orientation to Drill Technology and the Choice of Drill Bits
 2. Endaural vs. Postauricular Incisions
 3. Ear Canal Incisions
 4. External Auditory Canalplasty
 5. Approaches to the Middle Ear
 6. Middle Ear and Mastoid Endoscopy
 7. Stapedotomy/Stapedectomy Techniques
 8. Ossiculoplasty Techniques
 9. Cartilage Harvesting and Cartilage Tympanoplasty
 10. Complete Mastoidectomy
 11. Facial Recess/Posterior Tympanotomy
- 10:30 a.m. Break & Exhibits**
- 10:45 a.m. Decision Making in Staged Ossiculoplasty in Chronic Otitis Media and Cholesteatoma**
Robert Vincent, M.D.
- 11:15 a.m. Temporal Bone Drilling Lab 2**
Backous, McMenomey, Lenarz, Vincent, Carlson, Hume, Hoistad
1. Continuation From Drilling Lab 1
 2. Medial vs. Lateral Graft Tympanoplasty
- 12:30 p.m. Break & Pick up Lunch**
- 12:45 p.m. Prudent Use of Vestibular Testing** (working lunch)
Judith White, M.D., Ph.D.
- 1:30 p.m. Temporal Bone Drilling Lab 3**
Backous, McMenomey, Lenarz, Vincent, Carlson, Hume, Hoistad
1. Continuation of Drilling Lab 2
 2. Cochlear Implant Techniques (Cochleostomy vs. Round Window Insertion)
 3. Retrofacial Air Cell Drill-Out
 4. Endolymphatic Sac Decompression
 5. Trans-Mastoid Labyrinthectomy
 6. Opening the Internal Auditory Canal
 7. External Auditory Canal Wall Removal And Modified Radical Mastoidectomy
 8. Posterior and Superior Semicircular Canal Plugging
 9. Decompression of the Facial Nerve from the Stylomastoid Foramen to the Internal Auditory Canal
 10. External Meatoplasty

3:30 p.m. Break & Exhibits

3:45 p.m. Panel 1: Stapes Surgery- How I Do It
Sean McMenomey, M.D., prof. Dr. med. Thomas Lenarz, Robert Vincent, M.D., Matthew Carlson, M.D.
Moderator: Douglas D. Backous, M.D.

4:30 p.m. Temporal Drilling Lab 4
Backous, McMenomey, Lenarz, Vincent, Carlson, Hume, Hoistad

1. Completion of Drilling Labs 1-3
2. Begin your second bone and we will proctor you through whatever techniques you would like to practice.

6:00 p.m. Adjourn

Friday, March 10th - Didactic Lectures and ENT Exploratorium

- 7:30 a.m. Breakfast & Registration**
- 8:00 a.m. MRI and Implantable Devices: The Mayo Clinic Protocol**
Matthew Carlson, M.D.
- 8:35 a.m. Implantable Hearing Devices: Now and Future Options**
Prof. Dr. med. Thomas Lenarz
- 9:05 a.m. Decision Making in Staged Ossiculoplasty in Chronic Otitis Media and Cholesteatoma**
Robert Vincent, M.D.
- 9:40 a.m. Time Effective Evaluation the Dizzy Patient**
Judith White, M.D., Ph.D.
- 10:15 a.m. Break and Exhibits**
- 10:45 a.m. Practical Approaches to The Chronic Ear: Staging, Canal-Wall Up or Down and How To Follow Outcomes Long-Term**
Sean McMenomey, M.D.
- 11:30 a.m. Panel Discussion of Challenging Otology Cases**
Sean McMenomey, M.D., Prof. Dr. med. Thomas Lenarz, Robert Vincent, M.D., Matthew Carlson, M.D.
Moderator: Douglas D. Backous, M.D.
- 12:15 p.m. Lunch & ENT Exploratorium with Exhibitors**
(not accredited)

Rhinology Course Begins

- 1:00 p.m. Welcome & Overview**
Greg Davis, M.D., M.P.H.
- 1:10 p.m. Key Note Address: History Changing Events in Rhinology**
Brent Senior, M.D.

AGENDA

- 1:40 p.m. Panel: Challenges in Everyday Rhinology**
Moderator: Greg Davis, M.D., M.P.H.
- 2:10 p.m. Pecha Kucha Session 1**
2:10 p.m. – 2:20 p.m.
Advances in Immune Modulation in Rhinology
Drew Ayars, M.D.
2:20 p.m. – 2:30 p.m.
Tips For The Pediatric Nose
Scott Manning, M.D.
2:30 p.m. – 2:40 p.m.
Optimizing Hemostasis In Endoscopic Sinus Surgery
Jamie Litvack, M.D.
2:40 p.m. – 2:50 p.m.
CSF Rhinorrhea Evaluation And Management
Amy Anstead, M.D.
2:50 p.m. – 3 p.m.
"Maximal" Medical Therapy For Chronic Rhinosinusitis
Ian Humphreys, D.O.
- 3:00 p.m. Break & Exhibits**
- 3:20 p.m. Key Note Address: Allergic Fungal Sinusitis**
Sarah Wise, M.D.
- 3:50 p.m. Panel: Controversies in Rhinologic Surgery**
Moderator: Brent Senior, M.D.
- 4:30 p.m. Key Note Address: Contemporary Management of CRS & Nasal Polyposis - What Is The Evidence?**
Raymond Sacks, M.D.
- 5:00 p.m. Happy Hour Panel: Sinus Surgery Complications and How to Avoid Them**
Moderator: Kris Moe, M.D.

6 p.m. Adjourn

Saturday, March 11th - Rhinology Course Begins

- 7:30 a.m. Registration and Breakfast**
- 8:00 a.m. Welcome & Overview**
Greg Davis, M.D., M.P.H.
- 8:10 a.m. Surgically Mastering the Maxillary & Ethmoid Sinuses**
Brent Senior, M.D.
- 8:35 a.m. Surgically Mastering the Frontal & Sphenoid Sinuses**
Raymond Sacks, M.D.
- 9:00 a.m. Surgically Mastering In-Office Procedures Including Balloon Sinus Dilation**
Sarah Wise, M.D.
- 9:15 a.m. Broadcast from BioSkills Lab Prosections & Dissections:**
1. Prosection: Balloon Sinus Dilation
Sarah Wise, M.D.
2. Prosection: Maxillary & Ethmoid Sinuses
Brent Senior, M.D.
3. Prosection & Dissection: Frontal & Sphenoid Sinuses
Raymond Sacks, M.D.

- 10:00 a.m. Break, Exhibits & Transition to BioSkills Lab**
- 10:30 a.m. Hands-on BioSkills Lab Dissection 1: Maxillary, Ethmoid, Sphenoid and Frontal Sinus Surgery**
All Faculty
- 12:00 p.m. Lunch & Exhibits**
- 12:30 p.m. Pecha Kucha Session 2**
12:30 p.m. – 12:40 p.m.
Recurrent Acute Rhinosinusitis
Roy Thomas, M.D.
12:40 p.m. – 12:50 p.m.
No Time To Waste: Experience Of A Busy Rhinology Practice
Michael Cruz, M.D.
12:50 p.m. – 1 p.m.
Odontic Sinus Disease
Al Pokorny
1 p.m. – 1:10 p.m.
Epiphora
AJ Amadi, M.D.
1:10 p.m. – 1:20 p.m.
Topical Therapies For Chronic Rhinosinusitis
Greg Davis, M.D., M.P.H.
- 1:20 p.m. Break & Exhibits**
- 1:30 p.m. Prosections**
1. Prosection: Endoscopic Medial Maxillectomy & Inferior Turbinate Reduction
Roy Thomas, M.D.
2. Prosection: SPA Ligation, Pterygomaxillary Space & Vidian Foramina
Ian Humphreys, D.O.
3. Prosection: Orbital & Optic Nerve Decompression, Endoscopic DCR
Greg Davis, M.D., M.P.H.
- 2:00 p.m. Hands-on BioSkills Lab Dissection 2: Medial Maxillectomy, Inferior Turbinate Reduction, Sphenopalatine Artery Ligation, Vidian Neurectomy, Orbit Decompression, Endoscopic DCR**
All Faculty
- 3 p.m. Break & Exhibits**
- 3:30 p.m. Prosections**
1. Prosection: Canthotomy/Cantholysis
AJ Amadi, M.D.
2. Prosection: Repair of Skull Base Defects
Brent Senior, M.D.
3. Prosection: Sella Turcica, Suprasellar Approach & Cavernous Sinus
Sarah Wise, M.D.
4. Prosection: Lothrop Procedure
Raymond Sacks, M.D.
- 4 p.m. Hands-on BioSkills Lab Dissection 3: Skull Base Defects, Nasoseptal Flap, Sella, Lothrop**
All Faculty
- 5:00 p.m. Happy Hour with Panel Discussion: The N of 1 Sinus Case That Taught Me Something**
Moderator: Greg Davis, M.D., M.P.H.
- 5:45 p.m. Course Wrap-up**
Greg E. Davis, M.D., M.P.H.
- 6:00 p.m. Adjourn**

REGISTRATION FORM

REGISTRATION INFORMATION:

Pre-registration is required as space is limited. The discounted "Advance Registration" deadline is March 1, 2017. Registrations will only be processed and confirmed when accompanied by full payment.

If using the registration form, please mail or fax it to:

Seattle Science Foundation
550 17th Avenue, James Tower, Suite 600
Seattle, WA 98122
Fax: (206) 732-6599

Cancellation: To receive a refund, notice of cancellation must be received no later than March 1, 2017.

If you have special needs, please contact us at
(206) 732-6500.



REGISTER ONLINE

www.seattlesciencefoundation.org

7TH ANNUAL SEATTLE OTOTOLOGY & RHINOLOGY COURSE

March 9th - 11th

Please print or type information.

NAME

TITLE/CREDENTIALS

ADDRESS

CITY/STATE/ZIP

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SPECIALTY

Registration Fees

M.D. or D.O.

Track 1: Full Course	___ \$1,495
Track 2: Rhinology Only	___ \$1,095
Track 3: Otology Only	___ \$595
Track 4: Friday Lectures	___ \$195

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