



JOHNS HOPKINS
M E D I C I N E

Office of Continuing Medical Education
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EBM in ENT:
*Evidence-Based
Best Practices
in Common Ear, Nose
and Throat Conditions*

November 5, 2016
Baltimore, Maryland

DATED MATERIAL



**CHEVY CHASE
CONFERENCE
CENTER**

The Sheikh Zayed Tower
The Johns Hopkins Hospital
1800 Orleans Street, Main Level
Baltimore, Maryland 21287

This activity has been approved for *AMA PRA Category 1 Credits™*.



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CONTINUING MEDICAL EDUCATION

EBM in ENT:

*Evidence-Based Best Practices
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Throat Conditions*

NOVEMBER 5, 2016

Description

Ear, nose, and throat conditions such as hearing loss, sinusitis, allergic rhinitis, hoarseness, reflux, otitis media, sleep disordered breathing, and neck mass are very commonly encountered on medical practice—certainly by otolaryngologists, but also by internists, pediatricians, primary care physicians, and others. In fact, between 20-50% of presenting complaints in primary care medicine are related to these sorts of otolaryngologic disorders. In our current era in medicine which encourages evidence-based best practices in diagnosis, evaluation, imaging, and treatment, a number of clinical practice guidelines covering these conditions have recently been published. This CME course will provide high-yield review of the guidelines themselves, as well as describe the process by which guidelines are created and the role that guidelines such as these play in patient quality and safety initiatives. Lectures and case-based panel discussions will focus on effective, cost-conscious care of these common conditions, with emphasis on helping attendees incorporate these best practices into their own patient management pathways.

Who Should Attend

This activity is intended for internal medicine physicians, pediatricians, family practitioners, urgent care specialists, emergency room providers, otolaryngologists, physicians assistants, nurse practitioners, fellows, and residents.

Objectives

After attending this activity, the participant will demonstrate the ability to:

- Discuss the creation process for evidence-based clinical guidelines.
- Apply appropriate clinical guidelines in management of common ear complaints such as otitis media and hearing loss.
- Formulate evidence-based treatment approaches for common nasal complaints such as rhinitis and sinusitis.
- Identify best practices in management of other common ear, nose, and throat complaints such as hoarseness, reflux, and neck mass.

ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 7.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



OTHER CREDITS

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

American Academy of Nurse Practitioners National Certification Program accepts *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME. Physician assistants may receive a maximum of 7.75 AAPA Category 1 CME credits for completing this program.

The Johns Hopkins University has approved this activity for 7.75 **contact hours for non-physicians**.

POLICY ON SPEAKER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins University School of Medicine that the speaker and provider globally disclose conflicts of interest. The Johns Hopkins University School of Medicine OCME has established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the instructional materials.

General Information

REGISTRATION AND LOCATION

Saturday, November 5, 2016 • 7:30 - 8:00 a.m.

Chevy Chase Bank Conference Center

The Sheikh Zayed Tower,
The Johns Hopkins Hospital
1800 Orleans Street, Main Level
Baltimore, Maryland 21287

The Sheikh Zayed Tower is located on Orleans Street between Broadway and Wolfe Streets. Directions and campus parking information are available on our website under the contact us link at www.HopkinsCME.cloud-cme.com. The closest garage is the Orleans Street Garage, which is located on Orleans Street (Route 40) between Wolfe Street and Broadway. Handicapped parking is also available in the McElderry Street Garage. *Johns Hopkins is smoke free.*

FEES

REGISTRATION CUT-OFF DATE: October 30, 2016

Register Online: <https://hopkinscme.cloud-cme.com/aph.aspx?P=5&EID=6623>

Methods of Payment: We require payment prior to the start of the activity. On-site payments by credit card only. Foreign payments must be by credit card or with a U.S. Dollar World Money Order. The registration fee includes instructional materials, continental breakfast, refreshment breaks and lunch.

Physicians \$ 225
Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals \$ 150
*with verification of status

You will receive a confirmation by e-mail. If you have not received it by October 30, 2016, call 410-502-9634 to confirm that you are registered. A transcript of attendance will be sent via email by December 19, 2016.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee but is not responsible for travel expenses. Additionally, we reserve the right to change the venue to a comparable venue. Under such circumstances registrants will be notified as soon as possible.

LATE FEE AND REFUND POLICY

A \$50 late fee applies to registrations received after 5:00 p.m. ET on October 30, 2016. A handling fee of \$50 will be deducted for cancellation. An additional fee may apply for cancellation of other events, including workshops and social activities. Refund requests must be received by fax or mail by October 30, 2016. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

SYLLABUS

The syllabus will be accessible online and via your mobile device in the Cloud App prior to the activity.

EVALUATION AND OUTCOMES SURVEY

Post activity, an online evaluation form will be available to attendees to evaluate the activity and individual presentations and identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print.

A survey will be sent to all physician attendees within three months post activity to assist us in determining what impact this activity had on the learner's practice.

EMERGENCY CALLS

On November 5, 2016, direct emergency calls to the Hopkins registration desk, 443-287-5426. Messages will be posted for participants.

AMERICANS WITH DISABILITIES ACT

The Johns Hopkins University School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

Program

This schedule is subject to change.

SATURDAY, NOVEMBER 5, 2016

- 7:30 - 8:00 Registration and Continental Breakfast
8:00 - 8:05 **Welcome**
David Eisele, MD
8:05 - 8:15 **Introduction and Conference Goals**
Lee Akst, MD
8:15 - 8:35 **Pre-Test**
Margaret Skinner, MD
8:35 - 8:55 **Understanding the Alphabet Soup of EBM**
Lisa Ishii, MD
8:55 - 9:15 **The Guideline Process: Development and Judging Quality**
Seth Schwartz, MD, MPH
9:15 - 9:35 **Patient Quality: Bringing Guidelines Into Your Practice**
Matthew Stewart, MD, PhD
9:35 - 9:50 Refreshment Break
- ### Otology/Pediatrics
- 9:50 - 10:10 **Otology I: Sudden Hearing Loss**
Seth Schwartz, MD, MPH
10:10 - 10:30 **Facial Plastics I: Bell's Palsy**
Lisa Ishii, MD
10:30 - 10:50 **Otology II: Tinnitus**
Matthew Stewart, MD, PhD
10:50 - 11:10 **Facial Plastics II: Rhinoplasty**
Lisa Ishii, MD
11:10 - 11:30 **Otology III: Benign Paroxysmal Positional Vertigo**
Yuri Agrawal, MD
11:30 - 12:00 **Case-Based Discussion on Otology and Facial Plastic Guidelines**
Yuri Agrawal, MD, Lisa Ishii, MD,
Seth Schwartz, MD, MPH, Matthew Stewart, MD, PhD
12:00 - 12:45 Lunch

Laryngology/Rhinology

- 12:45 - 1:05 **Laryngology I: Dysphonia**
Lee Akst, MD
1:05 - 1:25 **Rhinology I: Allergic Rhinitis**
Sandra Lin, MD
1:25 - 1:45 **Laryngology II: Extra-Esophageal Reflux**
Simon Best, MD
1:45 - 2:05 **Rhinology II: Adult Sinusitis**
Murray Ramanathan Jr., MD
2:05 - 2:35 **Case-Based Discussion on Laryngology and Rhinology Guidelines**
Lee Akst, MD, Simon Best, MD, Sandra Lin, MD,
Murray Ramanathan Jr., MD
2:35 - 2:50 Refreshment Break

H&N/Facial Plastics

- 2:50 - 3:10 **Head and Neck I: Neck Mass in Adults**
Wojtek Mydlarz, MD
3:10 - 3:30 **Pediatrics I: Otitis Media and Tympanostomy Tubes**
David Tunkel, MD
3:30 - 3:50 **Head and Neck II: Thyroid Nodules**
Ralph Tufano, MD, MBA
3:50 - 4:10 **Pediatrics II: Tonsillectomy and Sleep-Disordered Breathing**
Margaret Skinner, MD
4:10 - 4:40 **Case-Based Discussion on Head and Neck and Pediatrics Guidelines**
Wojtek Mydlarz, MD, Margaret Skinner, MD,
Ralph Tufano, MD, MBA, David Tunkel, MD
4:40 - 5:00 **Post-Test and Summary**
Lee Akst, MD

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.

The registration desk will remain open during conference hours.

The Johns Hopkins University School of Medicine takes responsibility for the content, quality and scientific integrity of this CME activity.

TO REGISTER OR FOR FURTHER INFORMATION

- Register Online.....<https://HopkinsCME.cloud-cme.com/aph.aspx?P=5&EID=6623>
(credit card and eCheck)
Register by Phone (credit card only).....410-502-9634
Register by Fax.....866-510-7088
Confirmation/Certificates.....410-502-9634
General Information.....410-955-2959
E-mail the Office of CME.....cmenet@jhmi.edu

Follow us on Twitter: <http://twitter.com/HopkinsCME>

Facebook: <http://www.facebook.com/HopkinsCME>

Sponsoring Department Website:
<http://www.hopkinsmedicine.org/otolaryngology/>



**NEW! Check out our
mobile app CloudCME**

ACKNOWLEDGMENT

Applications for commercial support from health care related industries are pending. A complete list of contributors will be provided in the syllabus. Please note that commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Please note: The Physician Payments Sunshine Act was enacted by Congress to increase public awareness of financial relationships between drug and medical device manufacturers and physicians. In compliance with the requirements of this Act, the commercial supporter/s of this activity may require the Johns Hopkins University School of Medicine to report certain professional information (such as name, address, National Provider Identifier (NPI), and State License number) of physician attendees who receive complimentary food and beverage in conjunction with a CME activity. The commercial supporter is required to submit the collected data to the Centers for Medicare and Medicaid Services which will then publish the data on its website.

Activity Director

Lee Akst, MD

Director, Johns Hopkins Voice Center
Assistant Professor of Otolaryngology
Head and Neck Surgery

Johns Hopkins Speakers

Yuri Agrawal, MD

Associate Professor of
Otolaryngology and Neurology
Head and Neck Surgery

Simon Best, MD

Assistant Professor of Otolaryngology
Head and Neck Surgery

David Eisele, MD

Andelot Professor of
Laryngology and Otology
Director and Professor of
Otolaryngology
Head and Neck Surgery
Professor of Anesthesiology,
Critical Care Medicine
and Oncology

Lisa Ishii, MD

Associate Professor of Otolaryngology
Head and Neck Surgery

Sandra Lin, MD

Assistant Professor of Otolaryngology
Head and Neck Surgery

Wojtek Mydlarz, MD

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Head and Neck Surgery

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Head and Neck Surgery in Bethesda
Assistant Professor of Otolaryngology
Head and Neck Surgery

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Co-Director, Multidisciplinary Pediatric
Aerodigestive Clinic Team
Assistant Professor of Otolaryngology,
Head and Neck Surgery and Pediatrics

Matthew Stewart, MD, PhD

Associate Professor of Otolaryngology
Head and Neck Surgery

Ralph Tufano, MD, MBA

Director, Division of Head and Neck
Endocrine Surgery
Director, The JHH Multidisciplinary
Thyroid Tumor Center
Professor of Otolaryngology
Head and Neck Surgery

David Tunkel, MD

Director, Pediatric Otolaryngology
Professor of Otolaryngology
Head and Neck Surgery
Associate Professor of Anesthesiology,
Critical Care Medicine and Pediatrics

Guest Speaker

Seth Schwartz, MD, MPH

Director of The Listen for Life Center
Neurotology, Otology, Otolaryngology
Director of Research
Director of Resident Education
Virginia Mason Medical Center
Seattle, Washington

Registration Form

80039705/6623

EBM in ENT: Evidence-Based Best Practices in Common Ear, Nose and Throat Conditions

Saturday, November 5, 2016

REGISTER Online: (credit card or e-check)

<https://HopkinsCME.cloud-cme.com/aph.aspx?P=5&EID=6623>

Fax: 866-510-7088 **Phone:** (credit card only) 410-502-9634

Or mail this form to the Johns Hopkins University, Office of Continuing Medical Education, P.O. Box 64128, Baltimore, Maryland 21264-4128. Include check payable to **HOPKINS/80039705**, or include credit card information below.

PAYMENT IS REQUIRED PRIOR TO THE START OF THE ACTIVITY

I am a Johns Hopkins speaker for this activity.

Please type or print clearly:

last name		first name	m.i.	
highest degree	primary specialty		Hopkins faculty/staff only JHED ID	
For Physicians Only:	NPI – 10 digits	State License #	State of License	
mailing address				
city		state	ZIP	country
daytime telephone		fax number		
e-mail (required)				

I wish to receive e-mail notices about upcoming CME activities.

What do you hope to learn by attending this activity?

Please notify us if you have any special needs.

Registration Fees

Physicians..... \$ 225

Residents*/Fellows*/Nurses/NPs/PAs/Allied Health Professionals..... \$ 150

*with verification of status

The registration fee includes instructional materials and food and beverage. For registrations received after 5:00 p.m. ET on **October 30, 2016**, include a \$50 late fee. On-site registrations are payable only by credit card.

Payment Type:

Total amount enclosed \$ _____

JHU Faculty/Staff Only:

If you are using your Tuition Remission Benefit or an ION budget, please upload your fully completed and approved form in the payment section of the activity link above.

TR Form: <http://benefits.jhu.edu/documents/trffacandstaff.pdf>

ION Form: <http://hopkinscme.edu/migration/IonRequest.pdf>

Check (See instructions on top of form.)

Credit Card: VISA MASTERCARD DISCOVER AMEX

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Name on Card

Signature and Date