



Mayo Clinic School of
Continuous Professional
Development

**TWO
COURSES
ONE
REGISTRATION!**

ENT UPDATE 2019 & TACKLING PROBLEMATIC SINUSITIS 2019

COURSE HIGHLIGHTS

- This tri-site Mayo Clinic course provides pearls for the busy clinician distilling two symposia in one unique course
- ENT Update symposium provides a state-of-the-art review for head and neck, sleep medicine, otology, laryngology, facial plastic surgery and pediatric otolaryngology disease
- Tackling Problematic Sinusitis symposium provides practical approaches in endoscopic sinus surgery, basic skull base procedures, frontal sinus surgery, and medical management of recalcitrant sinusitis and nasal pathology, as well as a live surgical prosection
- Honored international faculty: Prof. Valerie Lund and Prof. David Howard, United Kingdom

**\$75 DISCOUNT
IF YOU REGISTER
ON OR BEFORE
FEB. 20, 2019**

**HILTON SEDONA RESORT AT BELL ROCK
SEDONA, ARIZONA
MARCH 20–23, 2019**

CE.MAYO.EDU/ENTSINUSITIS2019

COURSE DESCRIPTION

Mayo Clinic presents two parallel symposia with one registration!

- The third annual “ENT Update 2019” symposium will provide a state-of-the art review of clinical updates pertinent to the practice of general otolaryngology. Mayo Clinic and guest faculty will cover all subspecialties, including head and neck, sleep medicine, otology, laryngology, facial plastic surgery and pediatric otolaryngology.
- The eighth annual “Tackling Problematic Sinusitis 2019” symposium will run concurrent sessions that share optimal strategies in endoscopic sinus surgery, frontal sinus surgery, basic skull base procedures, medical management of recalcitrant sinusitis and nasal pathology, as well as a live surgical prosection. Honored international guest faculty includes Prof. Valerie Lund and Prof. David Howard of the United Kingdom.

This combined course with parallel sessions optimizes value for the busy clinician – choose to attend any session that best meets your needs! We invite you to join us for an absolutely unique learning experience in the spectacular and serene town of Sedona, Arizona.

LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Describe practical tests to subtype chronic rhinosinusitis
- Select optimal medical treatments based on chronic rhinosinusitis subtyping
- Identify factors associated with primary sinus surgery failure
- Perform optimal revision surgeries for chronic rhinosinusitis
- Identify and treat pediatric sinusitis and tonsillitis
- Describe the latest updates in transoral laser and transoral robotic surgeries
- Recommend treatments for vocal cord paralysis and vocal cord carcinoma
- Assess challenges in facial plastics and base of skull surgeries

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE

Practicing otolaryngologists, physician assistants and nurse practitioners in ENT, audiologists and speech language pathologists, and nurses with a strong interest in ENT care.

REGISTRATION

[CE.MAYO.EDU/ENTSINUSITIS2019](https://ce.mayo.edu/entsinusitis2019)

Registration Fee (USD)	On or Before Feb 20	After Feb 20
Physicians/Scientists	\$899	\$974
Residents, PAs, NPs, Allied Health, Other	\$799	\$874

Visit the course website for more information on registering and our cancellation policy.

WELCOME RECEPTION – THURSDAY, MARCH 21, 2019, 5:30 – 7:00 p.m.

Course registrants and a guest (included in the registration fee) are invited to a casual “Olfactory and Sensory Perception” themed Welcome Reception on Thursday evening from 5:30 – 7:00 p.m.

This reception offers you the perfect opportunity to meet existing and new colleagues. Pre-registration is required.

Each additional guest – Adults: \$60; Children 5 – 12: \$30; Children 1 – 4: No charge

LODGING AND ACCOMMODATIONS

Hilton Sedona Resort at Bell Rock

90 Ridge Trail Drive | Sedona, AZ 86351 | United States | 877-273-3762

A special room block rate of \$309 (USD), plus applicable city/state taxes, and a \$15 resort fee per room per night, is available for course participants and guests. Group rates will apply three days prior to and three days after the course dates of March 20-23, 2019, based on availability. To ensure accommodations, please make your reservation before the room block quickly fills, or by February 19, 2019.

Reservations: <http://group.hilton.com/MCENT>

MAYO CLINIC COURSE DIRECTORS

ENT Update

John D. Casler, M.D.
Colin L. Driscoll, M.D.
Michael L. Hinni, M.D.

Tackling Problematic Sinusitis

Devayani Lal, M.D.
Erin K. O'Brien, M.D.

HONORED INTERNATIONAL GUEST FACULTY

David J. Howard, FRCS, FRCSEd <i>Institute of Laryngology and Otology, London</i>	Valerie J. Lund, MB BS, MS, FRCS, FRCSEd <i>University College, London Medical School, Institute of Laryngology and Otology, London</i>
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GUEST FACULTY

Sharon H. Gnagi, M.D.
Phoenix Children's Hospital

PLANNING COMMITTEE – NURSING REPRESENTATION

Katie E. Zoske, M.S.N., R.N., C.M.S.R.N.

MAYO CLINIC FACULTY

Karthik Balakrishnan, M.D., M.P.H.	Thomas H. Nagel, M.D.
Matthew L. Carlson, M.D.	Michael J. Marino, M.D.
Garret W. Choby, M.D.	Eric J. Moore, MD
Shelagh A. Cofer, MD	Laura J. Orvidas, M.D.
Angela M. Donaldson, M.D.	Phillip Pirgousis, M.D.
Rashmi B. Halker Singh, M.D.	Amy L. Rutt, D.O.
Brittany E. Howard, M.D.	Janalee K. Stokken, M.D.
Joseph M. Hoxworth, M.D.	Peter A. Weisskopf, M.D.
David G. Lott, M.D.	

CREDIT



In support of improving patient care, Mayo Clinic College of Medicine and Science is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

AMA: Mayo Clinic College of Medicine and Sciences designates this live activity for a maximum of 18.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC: Participants can earn up to 18.75 ANCC nursing contact hours commensurate with the extent of their participation in the activity.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians.
Determination of credit is pending.

AOA: This program has been accredited by the American Osteopathic Association for 18.25 credits of AOA Category 2-A.

Nurses and Other Healthcare Professionals: A certificate of attendance will be provided to other healthcare professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

PROGRAM

WEDNESDAY, MARCH 20, 2019 – TACKLING PROBLEMATIC SINUSITIS

- 11:30 a.m. Registration & Lunch
- 12:15 p.m. Welcome Announcements & Pre-Test – *Devyani Lal, M.D. and Erin K. O'Brien, M.D.*
- 12:30 An Overview of Management Options in CRS – *Valerie Lund, CBE, MB, BS, FRCS, FRCSEd*
- 1:00 Subtyping CRS and Optimizing Clinical Outcomes – *Devyani Lal, M.D.*
- 1:30 AERD Diagnosis and Management – *Erin K. O'Brien, M.D.*
- 2:00 Management of Allergic Fungal Sinusitis – *Michael J. Marino, M.D.*
- 2:30 Break
- 3:00 Unilateral Polyps and “Malignant” Sinusitis – *David J. Howard, FRCS, FRCSEd*
- 3:30 Granulomatous Diseases and CRS – *Angela M. Donaldson, M.D.*
- 4:00 Mini-Seminar with Audience Questions

Practical Pearls: How Do I Subtype and Manage Subtypes?

- Moderators: *Devyani Lal, M.D. and Erin K. O'Brien, M.D.*
Featuring: *David J. Howard, FRCS, FRCSEd; Valerie J. Lund, CBE, MB, BS, FRCS, FRCSEd; Garret W. Choby, M.D.; Angela M. Donaldson, M.D. and Michael J. Marino, M.D.*
- 5:00 Adjourn

THURSDAY, MARCH 21, 2019
TACKLING PROBLEMATIC SINUSITIS

- 7:15 a.m. Registration & Continental Breakfast
- 8:00 Poorly Controlled CRS: Causes and Remedies – *Devyani Lal, M.D.*
- 8:30 Allergy, Immunodeficiency and Lower Airway Management in CRS – *Erin K. O'Brien, M.D.*
- 9:00 Managing the “Sinus Headache” – *Rashmi B. Halker Singh, M.D.*
- 9:30 Smell: The Cinderella of Sinuses – *Valerie Lund, CBE, MB, BS, FRCS, FRCSEd*
- 10:00 Break
- 10:30 Postoperative Debridement and Maintenance Therapy Regimens – *Janalee K. Stokken, M.D.*
- 11:00 Long-Term Medical Management of the Recalcitrant CRS Patient – *Garret W. Choby, M.D.*
- 11:30 Mini-Seminar with Audience Questions

Practical Pearls: Postoperative Debridement, Maintenance Therapy and Exacerbation Management

- Moderator: *Erin K. O'Brien, M.D.*
Featuring: *David J. Howard, FRCS, FRCSEd; Valerie J. Lund, CBE, MB, BS, FRCS, FRCSEd; Garret W. Choby, M.D.; Angela M. Donaldson, M.D.; Devyani Lal, M.D.; Michael J. Marino, M.D. and Erin K. O'Brien M.D.*
- 12:30 p.m. Lunch
- 1:00 Live Surgical Prosection
- Prosection Demo: *Devyani Lal, M.D.*
- 2:30 Adjourn
- 5:30 ATTENDEE RECEPTION:
Olfaction & Sensory Perception

THURSDAY, MARCH 21, 2019
ENT UPDATE

- 7:15 a.m. Registration & Continental Breakfast
- 8:00 Welcome Announcements
- 8:10 Challenges in Outpatient Otology – Panel Discussion – *Matthew L. Carlson, M.D.; Colin L. Driscoll, M.D.; Larry B. Lundy, M.D. and Peter A. Weisskopf, M.D*
- 8:55 Hot Topics and New Ideas: Lightning Rounds – *Peter Weisskopf, M.D.*
- 9:25 Otologic Surgery: How to Win – *Matthew L. Carlson, M.D. and Colin L. Driscoll, M.D.*
- 10:10 Break
- 10:30 Evidence Update: Button Battery Ingestion – *Karthik Balakrishnan, M.D., M.P.H.*
- 10:50 Essentials and Pearls in Evaluation of Newborn Stridor – *Sharon H. Gnagi, M.D.*
- 11:10 Evidence Update: Pediatric Sinusitis – *Shelagh A. Cofer, M.D. and Laura J. Orvidas, M.D.*
- 11:30 Complete vs. Partial Tonsillectomy: Pros and Cons – Panel Discussion – *All Speakers*
- 12:30 p.m. Lunch
- 1:00 Case Presentations and Panel Discussion – Pediatrics and Otology – *All Speakers*
- 2:30 Adjourn
- 5:30 ATTENDEE RECEPTION:
Olfaction & Sensory Perception

FRIDAY, MARCH 22, 2019 TACKLING PROBLEMATIC SINUSITIS

7:15 a.m.	Continental Breakfast
8:00	Surgery in CRS: When and Why – <i>Valerie Lund, CBE, MB, BS, FRCS, FRCSEd</i>
8:30	Maxillary Antrostomy & Spheno-Ethmoidectomy – <i>Janalee K. Stokken, M.D.</i>
9:00	Frontal Sinus Anatomy & Primary Surgery – <i>Devyani Lal, M.D.</i>
9:30	Management of Complications – <i>Erin K. O'Brien, M.D.</i>
10:00	Break
10:30	Secondary and Open Approaches for Recalcitrant Frontal Disease – <i>Devyani Lal, M.D.</i>
11:00	Radiographic Clues for Sorting Poorly Controlled CRS – <i>Joseph M. Hoxworth, M.D.</i>
11:30	Mini-Seminar with Audience Questions
How I Do ESS & Address Failures: Tips, Tricks, and Instruments	
Moderator:	<i>Erin K. O'Brien, M.D.</i>
Featuring:	<i>David J. Howard, FRCS, FRCSEd; Valerie Lund, CBE, MB, BS, FRCS, FRCSEd; Garret W. Choby, M.D.; Angela M. Donaldson, M.D.; Devyani Lal, M.D. and Michael J. Marino, M.D.</i>
12:15 p.m.	Post-Test – <i>Devyani Lal, M.D. and Erin K. O'Brien, M.D.</i>
12:45	Adjourn

FRIDAY, MARCH 22, 2019 ENT UPDATE

7:15 a.m.	Continental Breakfast
8:00	Welcome Announcements
8:10	HPV in Head and Neck Cancers – <i>Eric J. Moore, M.D.</i>
8:40	Transoral Laser and Transoral Robotic Surgery – <i>Michael L. Hinni, M.D. and Eric J. Moore, M.D.</i>
9:10	Salivary Gland Malignancies – An Update – <i>Thomas H. Nagel, M.D.</i>
9:40	Advances in Head and Neck Reconstruction – <i>Phillip Pirgousis, M.D.</i>
10:10	Break
10:30	Thyroid Carcinoma – Understanding Molecular Testing – <i>John D. Casler, M.D.</i>
11:00	Management of Vocal Cord Paralysis – <i>Amy L. Rutt, D.O.</i>
11:30	Early Vocal Cord Carcinoma – <i>David G. Lott, M.D.</i>
12:00 p.m.	Evaluation and Management of Chronic Hoarseness – <i>TBD</i>
12:30	Panel Discussion
12:55	Adjourn

SATURDAY, MARCH 23, 2019 ENT UPDATE AND TACKLING PROBLEMATIC SINUSITIS

7:15 a.m.	Continental Breakfast
8:00	When All Else Fails: Biologics and Long-Term Antimicrobials in CRS – <i>Valerie Lund, CBE, MB, BS, FRCS, FRCSEd</i>
8:30	The Evolving Management of Sinonasal Malignancies – <i>David J. Howard, FRCS, FRCSEd</i>
9:00	Essential Endoscopic Skull Base Surgery for the Otolaryngologist: CSF Leak, SPA Ligation, Pituitary Surgery – <i>Devyani Lal, M.D.</i>
9:45	Panel and Q&A – <i>David J. Howard, FRCS, FRCSEd; Valerie Lund, CBE, MB, BS, FRCS, FRCSEd and Devyani Lal, M.D.</i>
10:00	Break
10:30	Surgery for the Nasal Valve: What's New? – <i>Brittany E. Howard, M.D.</i>
11:00	Management of Eustachian Tube Dysfunction – <i>Michael J. Marino, M.D.</i>
11:30	The Inspire 12th Nerve Stimulator for OSA – <i>Michael L. Hinni, M.D.</i>
12:00 p.m.	Approach to Droopy Eyelids – <i>Brittany E. Howard, M.D.</i>
12:30	Lunch
1:30	Panel Discussion: Challenges in Facial Plastics and the Base of Skull <i>David J. Howard, FRCS, FRCSEd; Valerie J. Lund, CBE, MB, BS, FRCS, FRCSEd; Michael L. Hinni, M.D.; Brittany E. Howard, M.D. and Michael J. Marino, M.D.</i>
2:30	Adjourn



ENT UPDATE 2019 & TACKLING PROBLEMATIC SINUSITIS 2019

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**HILTON SEDONA RESORT AT BELL ROCK
SEDONA, ARIZONA**
MARCH 20–23, 2019

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