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TARGET AUDIENCE
This course is designed to meet the educational needs of a regional, national and international audience of Otolaryngologists and other clinicians involved in the management of otologic and neurotologic diseases. This course will largely focus on endoscopic ear surgery and will address the interests and needs of surgeons that have already developed endoscopic surgical experience as well as surgeons new to this surgical approach.

DESCRIPTION
In the past decade there has been rapid change in the field of otology. Endoscopic ear surgery, Eustachian tube dilation procedures, new imaging modalities, and new instrumentation are changing the way we treat patients with ear disease. Our expert international faculty will take the lead in defining the most current indications and surgical applications of new approaches to otologic surgery.

LEARNING OBJECTIVES
Following completion of this activity, learners should be better able to:

- Describe the principles and indications for safe transcanal endoscopic approaches to middle ear pathology.
- Identify the relevant surgical anatomy of the temporal bone and, in particular, of middle ear ventilation pathways.
- Select and interpret pre-operative temporal bone imaging studies to maximize success in surgery.
- Explain the merits of different options available for the diagnosis and management of chronic ear disease, Eustachian tube disorders and skull base lesions.

ACCREDITATION
In support of improving patient care, University of Minnesota, Interprofessional Continuing Education is jointly 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.

American Medical Association (AMA) The University of Minnesota, Interprofessional Continuing Education designates this live activity for a maximum of 14.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Healthcare Professionals Other healthcare professionals who participate in this CE activity may submit their statement of participation to their appropriate accrediting organizations or state boards for consideration of credit. The participant is responsible for determining whether this activity meets the requirements for acceptable continuing education.

COURSE HIGHLIGHTS
- **“How I Do It” Sessions:** faculty will present short video clips of particular surgical steps in otologic surgery, allowing participants to compare and contrast techniques and approaches.
- **Clinical Scenarios with Audience Response:** presentations of clinical case scenarios will engage the audience in discussion of management options of challenging otologic disorders.
- **Advanced Neuroradiology Quiz Bowl:** imaging of otologic and skull base pathologies will be presented through an interactive game focused on critical clinical decisions.
- **Live Cadaveric Temporal Bone Dissection:** two endoscopic dissections will allow attendees to interact with the surgeon throughout the process.
- **Video Session:** faculty will utilize surgical videos to illustrate their approach to challenging cases.
- **Keynote Lectures:** faculty will discuss current advances in endoscopic ear surgery.

For course details and to register, go to [z.umn.edu/otology](http://z.umn.edu/otology)
THURSDAY, SEPTEMBER 14, 2017

7:00 am  Registration
8:00  Welcome & Opening Remarks
8:10  Developing Endoscopic Ear Surgery in Your Practice: Climbing the Learning Curve
8:30  **How I Do It:** Challenges in Tympanoplasty
9:15  **Clinical Scenarios:** Advanced Chronic Ear Disease and Retraction Pockets
10:00  **Break & Exhibits**
10:20  **Keynote:** Understanding and Re-Establishing Ventilation Pathways
10:45  **Panel:** Surgical Treatment of the Mastoid
11:30  Finding Landmarks in Complex and Revision Cases: Endoscopic Advantages
12:00 pm  **Lunch & Exhibits**
1:00  Live Cadaveric Endoscopic Temporal Bone Dissection from U of M Lab
2:00  **Panel:** Cholesteatoma Surgery: Exclusive Endoscopic Approach and Combined Approach
2:45  **Break & Exhibits**
3:10  **Advanced Neuroradiology Quiz Bowl**
4:00  **Panel:** Endoscopic Ear Surgery in the Pediatric Population
4:45  **Video Session:** New Power Tools, Optics and Tissue Engineering Grafts in Ear Surgery
5:30  Adjourn for the Day

Attendee and Faculty Dinner

FRIDAY, SEPTEMBER 15, 2017

7:00 am  **Continental Breakfast & Exhibits**
8:00  Welcome
8:10  **Clinical Scenarios:** Stapes Surgery: Controversies, Difficult Cases and Revisions
9:00  **How I Do It:** Cholesteatoma Removal in Critical Areas: Ossicles, Facial Nerve and Vital Structures
9:40  **Keynote:** Current Indications for Eustachian Tube Surgery
10:00  **Break & Exhibits**
10:20  **Clinical Scenarios:** Treatment of Eustachian Tube Disorders
11:00  **How I Do It:** Graft Position and Reconstruction in Cholesteatoma Surgery
12:00 pm  **Lunch & Exhibits**
1:00  Live Cadaveric Endoscopic Temporal Bone Dissection with CT Stealth Navigation from U of M Lab
1:45  **Clinical Scenarios:** My Most Difficult Cases: Understanding Surgical Failures
2:30  **Break & Exhibits**
3:00  **Panel:** Challenges with Big Cholesteatomas
3:40  **Keynote:** Future Perspectives in Endoscopic Ear Surgery
4:15  **Video Session:** Endoscopic Surgery of the Inner Ear
4:45  Closing Remarks
5:00  **Evaluations & Adjourn**
COURSE DIRECTOR
Manuela Fina, MD
Assistant Professor Department of Otolaryngology
University of Minnesota

ASSOCIATE DIRECTOR
Meredith Adams, MD
Assistant Professor Department of Otolaryngology
University of Minnesota

HONORED GUEST SPEAKERS
Muaaz Tarabichi, MD, UNITED ARAB EMIRATES
Head of ENT, Otolaryngology Department,
American Hospital Dubai
Daniele Marchioni, MD, ITALY
Professor and Chairman, University of Verona
Livio Presutti, MD, ITALY
Professor and Chairman, University of Modena

DISTINGUISHED GUEST FACULTY
Adrian James, MD, CANADA
Associate Professor, Department of Otolaryngology,
Head and Neck Surgery, University of Toronto
Alejandro Rivas Campo, MD, USA
Associate Professor of Otolaryngology;
Associate Professor of Neurological Surgery,
Vanderbilt University
Arun Iyer, MD, SCOTLAND
Consultant ENT Surgeon at NHS Lanarkshire
Brandon Isaacson, MD, USA
Associate Professor Otolaryngology,
University of Texas Southwestern

Daniel Lee, MD, USA
Associate Professor, Department of Otolaryngology,
Pediatric Ear, Hearing and Balance Center,
Massachusetts Eye and Ear Infirmary
Daniele Bernardeschi, MD, PhD, FRANCE
Otology, Auditory Implants and Skull Base Surgery
Department, Pitié-Salpêtrière Hospital, Paris
David Pothier, MD, CANADA
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Dennis Poe, MD, USA
Associate Professor of Otolaryngology and Laryngology,
Harvard Medical School, Department of Otolaryngology and Communications
Enhancement, Boston Children’s Hospital
João Flávio Nogueira, MD, BRAZIL
Professor UECE, Department of Otolaryngology,
Universidade Estadual do Ceará; Director Sinus & Oto Centro, Ceará
Manon Belair, MD, F.C.R.C., CANADA
Assistant Professor, Department of Neuroradiology,
Centre Hospitalier de l’Université de Montréal
Mohamed Badr-El Dine, MD, EGYPT
Professor, Department of Otolaryngology,
University of Alexandria
Nirmal Patel, MBBS (Hons), FRACS, MS, AUSTRALIA
Associate Professor, Macquarie University
Seiji Kakehata, MD, JAPAN
Professor and Chairman, Department of Otolaryngology,
Head and Neck Surgery, Yamagata University

VENUE
DoubleTree by Hilton, Minneapolis-University Area
511 Huron Boulevard
Minneapolis, MN 55414
(612) 504-3000

OVERNIGHT ACCOMMODATIONS
A block of sleeping rooms is available at the discounted rate of $145.00 per night plus the current tax. Please make your reservations directly with the hotel by the cut-off date of August 14, 2017 and refer to Medical School – Continuing Professional Development to receive the discounted rate. Reservations will be accepted on space and rate availability.
Please type or print clearly. A name badge and statement of participation are generated from this form.

Name

Affiliation

Department

Address

City  State  Zip

Telephone  Email

Receipts, confirmations, and driving directions are e-mailed from our office. Please provide your e-mail address and print clearly.

DEGREE

☐ MD  ☐ DO  ☐ PhD  ☐ PA  ☐ RN  ☐ APRN (NP, CNS, CRNA, CNM)

☐ Other-specify

SPECIALTY

☐ Otolaryngology  ☐ Other

REGISTRATION FEES

☐ Physician

☐ Resident/Fellow & Other Healthcare Professionals

Early Rate

On or Before  May 31, 2017

Regular Rate

After  May 31, 2017

$450  $550

$200  $250

RSVP for Thursday, September 14, 2017 dinner. (Included with registration fee.)

☐ Yes, I will attend the dinner  ☐ No, I will not attend the dinner

Published On-Site Attendee List: May we include your name, clinic, city, state (no email or mailing address) on the attendee list published only at this conference?  ☐ yes  ☐ no

How did you hear about this conference?

☐ Employer  ☐ Email  ☐ Colleague/Friend  ☐ Website  ☐ Flyer  ☐ Other

Group Registration: A minimum of 3 registrants are required for a group discount of $20 per person to be deducted from the corresponding registration fee listed above. Please send all registrations together with check payment. NO refunds will be issued if a person from a group has to cancel or does not show up at the conference. Normal refund policy applies for complete group cancellations.

SPECIAL REQUESTS - Special needs, such as dietary restrictions, lactation room, etc., should be requested in advance. These requests cannot always be honored on site.

Dietary: _____________________________________________________ Other: ____________________________________________________

TO REGISTER

Mail this registration form and your check, payable to: Regents of the University of Minnesota, Office of Continuing Professional Development, University of Minnesota Medical School, MMC 293, Mayo G-254, 420 Delaware Street SE, Minneapolis, MN 55455

For credit card payment, register online at z.umn.edu/otology

CANCELLATION POLICY

In the event you need to cancel your registration, the registration fee, less a $50 administrative fee, will be refunded if you notify us by 4:30 p.m. CST on August 31, 2017. No refunds will be made after this date. If you have any questions, please contact our office at (612) 626-7600 or (800) 776-8636, or e-mail us at cme@umn.edu.
Early Registration Discount available through May 31st!

If you are already registered and have received your confirmation email, please share this information with a colleague.

The University of Minnesota is an equal opportunity educator and employer.

Disability/Dietary accommodations will be provided upon request. This publication/material can be made available in alternative formats upon request. Direct requests to the Office of Continuing Professional Development at 612-626-7600 or toll-free at 800-776-8636.

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