2nd Annual Southwest Laryngology Conference: Focus on Dysphagia and Laryngeal Hyper-Responsiveness

Mayo Clinic Ashton B. Taylor Auditorium
Scottsdale, Arizona

Friday – Saturday
May 15-16, 2015

TNE Workshop (Optional)
May 17, 2015
(Separate Registration Required)

REGISTER NOW!
$75 DISCOUNT FOR EARLY REGISTRATION
Visit our website at ce.mayo.edu (Keyword Search: Laryngology)

Course Directors
David G. Lott, MD; Lisa R. Crujido, MS, CCC-SLP; Christina H. Kang, MM, MS, CCC-SLP;
Rosemary A. Lester, PhD, CCC-SLP; and Jaime L. Matthaues, MPAS, PA-C

Guest Faculty
Ianessa A. Humbert, PhD, CCC-SLP; Susan E. Langmore, PhD, CCC-SLP, BCS-S;
Albert L. Merati, MD; Claudio F. Milstein, PhD, CCC-SLP; Thomas Murry, PhD, CCC-SLP;
and Gregory N. Postma, MD

Mayo Clinic Faculty
Virginia F. Chapa, MS, CCC-SLP; Dale C. Ekbom, MD; Richard E. Hayden, MD; Michael L. Hinni, MD;
Thomas H. Nagel, MD; Diana M. Orbelo, PhD, CCC-SLP; Samir H. Patel, MD; Rebecca L. Pittelko, MS, CCC-SLP;
Francisco C. Ramirez, MD; Matthew A. Rank, MD; Mark A. Ross, MD; and Lewis J. Wesselius, MD

WEBCAST PARTICIPATION AVAILABLE!
COURSE DESCRIPTION/HIGHLIGHTS
This conference will provide a state-of-the-art discussion on comprehensive evaluation and management of dysphagia related to head and neck cancer and neurological disorders, as well as a thorough assessment of laryngeal hyper-responsiveness, including chronic cough. We are proud to present a faculty of world-renowned experts in the field of laryngology, dysphagia, and laryngeal hyper-responsiveness from across the country. The course format will include evidence-based lectures, panel discussions with case presentations, and the opportunity to interact with Mayo and Guest faculty members. The program is based on a multidisciplinary team approach, with presentation topics including:

• Physiology of Normal Swallowing
• Skill Acquisition in Volitional Laryngeal Control
• Muscle Tension Dysphagia
• Dysphagia Evaluation and Treatment in Head and Neck Cancer
• Diagnostic Imaging of Swallowing
• Collaborative Management of Chronic Cough
• Paradoxial Vocal Fold Motion
• Neural Control of Swallowing

INTENDED AUDIENCE
Physicians, Surgeons, Residents, Physician Assistants, Nurse Practitioners and Speech-Language Pathologists; plus specialists are welcome in the areas of Otorhinolaryngology, General Surgery, Internal Medicine, Speech-Language Pathology, Allergy, Gastroenterology, Pulmonology, and Neurology.

GRANTS AND EXHIBITS
This course is supported in part by educational grants, in accordance with ACCME standards. Appropriate acknowledgment will be given to all supporters at the meeting. Exhibits will be available for viewing at all scheduled breaks.

COURSE LEARNING OBJECTIVES
Upon completion of this course, participants should be able to:

• Identify common laryngoscopic findings in the diagnosis of laryngeal hypersensitivity.
• Integrate breathing techniques for management of paradoxical vocal fold motion into their therapy services.
• Identify neural structures involved in swallowing and the functions that they control.
• Describe common characteristics of dysphagia that are secondary to neurological disorders.
• Develop a protocol for the assessment and treatment of dysphagia associated with head and neck cancer.
• Identify lymphedema of the face and neck, explain the rational for manual lymphatic drainage and decompression therapy, and make appropriate referrals for the management of lymphedema.
• Identify the proper role of office-based dysphagia evaluation.
• Differentiate appropriate utilization of therapeutic and surgical management of dysphagia.

WORKSHOP OBJECTIVES
Upon completion of this course, participants should be able to:

• Identify normal and pathologic change in the esophagus.
• Perform technical aspects of a Trans-Nasal Esophagoscopy.

CREDIT
Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. College of Medicine, Mayo Clinic, designates this live activity for a maximum of 22.0 AMA PRA Category 1 Credits™ (18.0 for the General Session and 4.0 for an Optional TNE Workshop). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This program has been accredited by the American Osteopathic Association for 22.0 credits of AOA Category 2-A.

A record of attendance will be provided to all registrants for requesting credits in accordance with state medical boards, specialty societies, or other associations.

This course is offered for 1.7 ASHA CEUs (Intermediate level, Professional area).
DISCLAIMER
Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

AMERICAN WITH DISABILITIES ACT
Mayo Clinic College of Medicine fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity. Email address: mca.cme@mayo.edu


MEETING LOCATION/ACCOMMODATIONS
Mayo Clinic Ashton B. Taylor Auditorium is located at Mayo Clinic’s Scottsdale campus at 13400 East Shea Boulevard, Scottsdale, Arizona 85259
Hotel rooms near the Clinic are limited. You are urged to make reservations early, as rooms are available on a first-come, first-served basis.
Courtyard Scottsdale at Mayo Clinic • 13444 East Shea Blvd • Scottsdale, Arizona 85259
King Rooms are available at $109 per night, plus applicable taxes, for single or double occupancy. Call (800) 321-2211 or (480) 860-4000; on or before the cut-off date of April 14, 2015 and identify yourself as part of the 2015 Mayo Clinic Laryngology Room Block to receive the special rate. Or book your room with Marriott directly online.
Note: This hotel is walking distance to the meeting location. Area restaurants and other entertainment venues are approximately a 5-7 minute drive from the Clinic. Please rent a car or utilize taxi service if staying at this location.
Reservations will be taken following the cut-off date based upon resort room availability, at the contracted meeting rate. Attendees are responsible for their own reservations. Standard hotel reservation confirmation and cancellation policies will apply to individual reservations unless otherwise specified.

TRANSPORTATION: Ground Transportation: Hertz is offering a reduced daily rate for participants attending the course. Call (800) 654-2240 and refer to CV Number #03NR0010 when making reservations. Supershuttle vans offer airport transportation to and from the hotel. To make reservations, call (800) 258-3826 or (602) 244-9000.

Faculty

COURSE DIRECTORS
David G. Lott, M.D.
Lisa R. Crujido, M.S., CCC-SLP
Christina H. Kang, M.M., M.S., CCC-SLP
Rosemary A. Lester, Ph.D., CCC-SLP
Jaime L. Matthaeus, MPAS, PA-C

MAYO CLINIC FACULTY
Virginia F. Chapa, M.S., CCC-SLP
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Francisco C. Ramirez, M.D.
Matthew A. Rank, M.D.
Mark A. Ross, M.D.
Lewis J. Wesselius, M.D.

DISTINGUISHED GUEST FACULTY
Ianessa A. Humbert, Ph.D., CCC-SLP
Johns Hopkins University School of Medicine
Claudio F. Milstein, Ph.D., CCC-SLP
Cleveland Clinic
Susan E. Langmore, Ph.D., CCC-SLP, BCS-S
Boston University School of Medicine
Thomas Murry, Ph.D., CCC-SLP
Loma Linda University
Albert L. Merati, M.D.
University of Washington
Gregory N. Postma, M.D.
Georgia Regents University

FACULTY DISCLOSURE: As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials and on the course website so those participants in the activity may formulate their own judgments regarding the presentation.
Friday, May 15, 2015

7:00 a.m.  Registration and Continental Breakfast
7:45  Introduction of Mayo Clinic’s Otorhinolaryngology Department  Michael L. Hinni, M.D.

Moderator:  David G. Lott, M.D.
8:00  Course Orientation  David G. Lott, M.D.
8:15  Diagnosing Laryngeal Hyper-Responsiveness  Jaime L. Matthaeus, MPAS, PA-C
8:45  Making Sense of Globus and Cough  Albert L. Merati, M.D.
9:30  Speech Language Pathologist Evaluation of Chronic Cough  Diana M. Orbelo, Ph.D., CCC-SLP
9:50  Refreshment Break
10:05  Team Collaboration for Treatment of Laryngeal Hyper-Responsiveness  Claudio F. Milstein, Ph.D., CCC-SLP
10:45  GAP – Gastroenterology, Allergy and Pulmonology: Chronic Cough  Drs. Ramirez, Rank and Wesselius
11:45  Lunch
12:15 p.m.  Laryngeal Hyper-Responsiveness and Chronic Cough from a Multispecialty Perspective
Panel Discussion – Case Presentations
Moderator:  David G. Lott, M.D.
Panel:  Drs. Merati, Milstein, Orbelo, Ramirez, Rank and Wesselius and Ms. Matthaeus

Moderator:  Christina H. Kang, MM, MS, CCC-SLP
1:15  Physiology of Normal Swallowing  Rosemary A. Lester, Ph.D., CCC-SLP
1:45  Dysphagia in Patients with Neurologic Disorders  Mark A. Ross, M.D.
2:15  Characteristics of Neurogenic Dysphagia  Thomas Murry, Ph.D., CCC-SLP
2:45  Muscle Tension Dysphagia  Christina H. Kang, MM, MS, CCC-SLP
3:15  Refreshment Break
3:30  The Laryngologist’s Evaluation of Dysphagia  Gregory N. Postma, M.D.
4:00  Diagnostic Imaging of Swallowing: FFEs (Flexible Endoscopic Examination of Swallowing) vs. VFSS (Video Fluoroscopic Swallowing Study)  Lisa Crujido, MS, CCC-SLP
4:30  Skill Acquisition in Volitional Laryngeal Control  Ianessa A. Humbert, Ph.D., CCC-SLP
5:00  Panel Discussion – Case Presentation
Moderator:  Christina H. Kang, MM, MS, CCC-SLP
Panel:  Drs. Humbert, Lester, Ross, Murry, Postma and Ms. Crujido
6:00  Adjourn
6:00  Welcome Reception (light fare)

Saturday, May 16, 2015

7:30 a.m.  Continental Breakfast
Moderator:  Rosemary A. Lester, Ph.D., CCC-SLP
8:00  Acute and Latent Dysphagia Sequela in Head & Neck Cancer  Lisa R. Crujido, MS, CCC-SLP
8:30  Keynote Speech: The Efficacy of Behavioral Interventions for Dysphagia in Radiated HNC Patients  Susan E. Langmore, Ph.D., CCC-SLP, BCS-S
9:30  Penetration and Aspiration: Determining the Source and Probing Immediate Treatment Effects in the Fluoro Suite  Ianessa A. Humbert, Ph.D., CCC-SLP
10:00  FEES Demonstration  Susan E. Langmore, Ph.D., CCC-SLP, BCS-S
10:30  Refreshment Break
10:45  TNE in the ENT Setting  Gregory N. Postma, M.D.
11:15  Surgical Approach to Dysphagia Management  David G. Lott, M.D.
11:45  Rehabilitation of Dysphagia  Virginia F. Chapa, MS, CCC-SLP
12:15 p.m.  Panel Discussion: Case Study
Moderator:  Rosemary A. Lester, Ph.D., CCC-SLP
Panel:  Drs. Humbert, Langmore, Lott, Postma, Ms. Chapa and Ms. Crujido
1:00  Lunch
**Program**

**Moderator:** Lisa R. Crujido, MS, CCC-SLP

2:00  
**Novel Therapeutic Approach for Treatment of Paradoxical Vocal Fold Motion**  
Claudio F. Milstein, Ph.D., CCC-SLP

2:45  
**Paradoxical Vocal Fold Motion:**  
No Big Breaths Please  
Thomas Murry, Ph.D., CCC-SLP

3:15  
**Botulinum Toxin and the Chronic Cough**  
Dale C. Ekbom, M.D.

3:45  
**Refreshment Break**

4:00  
**Surgical Consideration for Swallowing Preservation & Surgical Recovery**  
Thomas H. Nagel, M.D.

4:30  
**Advanced Reconstruction and Flaps**  
Richard E. Hayden, M.D.

5:00  
**What is Treated During Head and Neck Radiation Therapy?**  
Samir H. Patel, M.D.

5:30  
**Assessment and Treatment of the Dysfunctional Larynx After Radiation**  
Albert L. Merati, M.D.

6:00  
**Panel Discussion: Case Study**  
**Moderator:** Lisa R. Crujido, MS, CCC-SLP  
**Panel:** Drs. Ekbom, Hayden, Merati, Milstein, Murry, Nagel, Patel and Ms. Pittelko

6:30  
**Adjourn**

**Sunday, May 17, 2015**

**Transnasal Esophagoscopy Workshop (Optional)**  
*Separate Registration Required*

8:00 a.m.  
**Registration and Continental Breakfast**

8:25  
**Welcome**  
David G. Lott, M.D.

8:30  
**Historical Perspective (TNE/EGD)**  
Gregory N. Postma, M.D.

9:00  
**Contemporary Indications for Office-Based TNE**  
Gregory N. Postma, M.D.

9:20  
**Technique of TNE**  
Gregory N. Postma, M.D.

9:35  
**Interpretation of TNE**  
Gregory N. Postma, M.D.

10:30  
**Question & Answer Session**

10:45  
**Refreshment Break**

11:00  
**Office-Based Procedures**  
David G. Lott, M.D.

11:30  
**Hands-On Lab**  
David G. Lott, M.D. and Gregory N. Postma, M.D.

12:45 p.m.  
**Adjourn**

*Program schedule is subject to change without notice.*

**Registration Information**

**GENERAL SESSION:**  
Friday – Saturday, May 15-16, 2015

**TNE WORKSHOP (Optional - Separate Fee):**  
Sunday, May 17, 2015

**Go to ce.mayo.edu – Search Laryngology (Offer expires May 1, 2015)**

An email confirmation will be sent upon receipt of payment and completed registration. If you do not receive your confirmation, or if you have any questions, please email us at mca.cme@mayo.edu or call (480) 301-4580.

No refund will be granted unless a written notice of cancellation is received. If registration must be cancelled, tuition less a $75 administrative fee, will be refunded when notification is received on or before Friday, May 1, 2015 (14 days in advance). No refunds will be made after this date.

Although it is not Mayo Clinic’s policy to limit the number of registrants for a course, conference room facilities may necessitate closure of enrollment. Early registration is strongly recommended. Mayo Clinic will not be responsible for expenses incurred by individuals who are not confirmed for courses with a closed registration status. Costs incurred by the registrant such as airline/hotel fees or penalties are the responsibility of the registrant.

**GENERAL SESSION**

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<tr>
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<th>On or Before May 1, 2015</th>
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<tbody>
<tr>
<td>Physicians Active in Practice</td>
<td>$550</td>
<td>$625</td>
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<tr>
<td>Other (resident, retired and allied health)</td>
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<td>$450</td>
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<tr>
<td><strong>TNE WORKSHOP (Optional – Physicians Only) (Sunday, May 17, 2015)</strong></td>
<td>$160</td>
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<tr>
<td><strong>WEBCAST REGISTRATION</strong></td>
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Your registration fee includes access to an electronic syllabus; a link will be emailed one week prior to the course. This allows you to view, save, or print the syllabus before attending the course. Printed syllabi are no longer available as we continue with our efforts to “go green”.

**WEBCAST OPTION AVAILABLE:**

If you are unable to attend the live-course, you may register for the live-stream webcast at: ce.mayo.edu (Search Laryngology Webcast)
Upcoming CME courses:

Cardiology Update 2015: The Heart of the Matter
August 6-9, 2015 • Sedona, AZ

Mayo Clinic Headache Symposium
August 7-9, 2015 • San Francisco, CA

Acute and Chronic Leukemias 2015
September 12, 2015 • Phoenix, AZ

Ethics Conference
October 1-2, 2015 • Phoenix, AZ

Mayo Clinic Update in GI-Hepatology
October 3, 2015 • Phoenix, AZ

See all opportunities at ce.mayo.edu

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