Optional Workshops (Separate Registration Required)

- Advanced Laryngectomy Rehabilitation: Hands-on TEP Management
- Manual Therapy Techniques for Muscle Tension Dysphonia
- Office-Based Laryngology Procedures: Hands-on Lab
- Advanced Techniques: Manual Lymphatic Drainage with Compression

REGISTER ONLINE FOR $75 DISCOUNT
(Offer expires March 7, 2017) Visit ce.mayo.edu/Node/25638

WEBCAST OPTION AVAILABLE If you are unable to attend the live-course, you may register for the live-stream webcast at: https://ce.mayo.edu/otorhinolaryngology/node/25991
**COURSE DESCRIPTION**

This conference will provide state-of-the-art discussion and instruction on comprehensive evaluation and management of challenging laryngeal-related disorders and corresponding rehabilitation techniques. The meeting will offer a multi-disciplinary approach on a wide variety of voice & swallowing topics, surgical procedures, cancer management, airway issues, techniques for post-surgical swallow rehabilitation, and post laryngectomy voice restoration. Pulmonary medicine, integrative medicine, & palliative care will be addressed from an physician, clinician and research perspective.

We are proud to present a faculty of world-renowned experts in the field of laryngology and voice rehabilitation from across the country. Course format will include evidence-based lectures, interaction with Mayo & Guest faculty members. New this year – attendees can submit their “complex cases” prior to the course for discussion to “Stump the Panel” of experts. In addition, attendees are encouraged to submit a poster presentation.

**WEBCAST AVAILABLE:** If you are unable to attend the live-course, you may register for the live-stream webcast (general session only), which will include the option to submit questions to the faculty.

Optional Onsite 1/2-day Workshops (separate registration fee required): Please visit the course website: ce.mayo.edu for a “complete” description of workshops.

1. Advanced Laryngectomy Rehabilitation: Hands-on TEP Management
2. Manual Therapy Techniques for Muscle Tension Dysphonia
3. Office-Based Laryngology Procedures: Hands-on Lab
4. Advanced Techniques: Manual Lymphatic Drainage with Compression

**INTENDED AUDIENCE**

Physicians/surgeons, Mid-Level health care providers, otolaryngology residents, and Speech & Language Pathologists in the Southwest, across the country, and international (Mexico and Europe) audience. Specialties include: Otorhinolaryngology, internal medicine, speech-language pathology, pulmonary, integrative medicine and radiation/medical oncology.

**COURSE LEARNING OBJECTIVES**

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

**Course Objectives:**
- Discuss new surgical strategies for chronic dysphagia refractory to therapy.
- Discuss holistic approaches in rehabilitation of patients not responding to traditional voice therapy.
- Explain surgical approaches for complex airway reconstruction cases.
- Describe manual therapy approaches for chronic muscle tension dysphonia and dysphagia.
- Describe techniques for respiratory training to improve swallowing and voice.
- Identify surgical and non-surgical treatment modalities for head and neck cancer.

**WORKSHOP OBJECTIVES**

**Advanced Laryngectomy Rehabilitation: Hands-on TEP Management**
- Assess patient and perform fitting of a tracheoesophageal voice prostheses in a laryngectomee.
- Determine the proper heat and moisture exchange system for laryngectomees and instruct the patient on placement and management.

**Manual Therapy Techniques for Muscle Tension Dysphonia**
- Identify paralaryngeal muscles affecting vocal function.
- Perform basic circumlaryngeal massage.
- Use tactile awareness with paralaryngeal landmarks for digital manipulation.

**Office-Based Laryngology Procedures: Hands-on Lab**
- Identify methods and tools used to perform office-based procedures.
- Evaluate when to use of an office-based procedure vs. surgery.
- Perform office-based vocal fold injections, transnasal esophagoscopy, balloon dilation, and KTP laser ablation on mannequins.

**Advanced Techniques: Manual Lymphatic Drainage with Compression**
- Identify presence of lymphedema in head and neck.
- Explain techniques of manual lymphatic drainage and the use of compression garments.

**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.

**CREDIT**

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.
Mayo Clinic College of Medicine designates this live activity for a maximum of 20.25 AMA PRA Category 1 Credits™ (12.25 for the General Session and up to 8.0 for the Optional Workshops). 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 12.25 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 professional associations.

Meeting Location
Juanita Kious Waugh Auditorium, located within the Mayo Clinic Education Center on the Mayo Clinic Hospital campus at 5777 East Mayo Boulevard Phoenix, Arizona 85054

Accommodations
Residence Inn Phoenix Desert View at Mayo Clinic
5665 East Mayo Boulevard
Phoenix, Arizona 85054
www.marriott.com/phxmh

Hotel rooms are limited. You are urged to make reservations early. A limited block of guest rooms have been reserved for attendees with a special course rate of $189 single or double occupancy per room, per night, plus applicable state and local taxes. Group rates will be honored three days prior and three days following the course dates, based upon space availability.

To receive the special rate, you must make reservations before the room block is filled or by the cut-off date of March 6, 2017. Reservations will be taken following this date based upon room block availability, at the contracted meeting rate. The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified.

To reserve a room, call (800) 331-3131 or (480) 563-1500 and identify yourself as a participant of the Mayo Clinic Laryngology Conference or reserve online at http://bit.ly/LaryngologyApril2017

Note: Lodging and travel arrangements are the sole responsibility of the individual registrant.

Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

Transportation

Recreation/Leisure Activities
Visit https://ce.mayo.edu/node/25638 for details.

Registration Information
Mayo Clinic 4th Annual Southwest Laryngology Conference: Focus on Complex Cases
April 7 - 8, 2017
Mayo Clinic Education Center – Waugh Auditorium Phoenix, Arizona

Register Online for $75 Discount
(Offer expires March 7, 2017)
Visit ce.mayo.edu/Node/25638 Or Register for the Live Webcast at: https://ce.mayo.edu/otorhinolaryngology/node/25991
(No discount applies to the webcast)

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, March 24, 2017 (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. Walk-in registrations cannot be guaranteed.

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.
**Optional 1/2-day Workshops (Separate Registration Required)**

Thursday, April 6, 2017 – Choose one for AM and one for PM

<table>
<thead>
<tr>
<th>Two options for the morning:</th>
<th>Two options for the afternoon:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. – 12:15 p.m.</td>
<td>1:00 p.m. – 5:15 p.m.</td>
</tr>
<tr>
<td>(continental breakfast and refreshment break included)</td>
<td>(lite lunch and refreshment break included)</td>
</tr>
<tr>
<td>• Advanced Laryngectomy Rehabilitation: Hands-on TEP Management @ $160</td>
<td>• Office Based Laryngology Procedures – Hands-On Lab @ $190</td>
</tr>
<tr>
<td>• Manual Therapy Techniques for Muscle Tension Dysphonia @ $160</td>
<td>• Advanced Techniques: Manual Lymphatic Drainage with Compression @ $160</td>
</tr>
</tbody>
</table>

**PROGRAM Thursday, April 6, 2017**

**Workshop I** Advanced Laryngectomy Rehabilitation: Hands-on TEP Management

7:30 a.m.    **Registration and Continental Breakfast**
7:55         **Welcome** - Lisa R. Crujido, M.S., CCC-SLP
8:00         **Pre-op SLP Evaluation**: Standard of Care at Mayo Clinic
              Lisa R. Crujido, M.S., CCC-SLP
8:30         **Post-Op SLP Evaluation**: Voice and Swallowing
9:00         **Trouble-Shooting Leaks, Voice Failures and Dysphagia**
              Panel Discussion - Lisa R. Crujido, M.S., CCC-SLP
9:30         **Q & A Session**
9:45         **Refreshment Break**
10:00        **Patient Demonstration**: Prosthesis Sizing and Fitting
11:00        **Patient Demonstrations**: Fitting of HME Systems and Hands-Free Speaking Valve
Noon         **Question & Answer Session**
12:15 p.m.   **Adjourn**

**Workshop II** Manual Therapy Techniques for Muscle Tension Dysphonia

7:30 a.m.    **Registration and Continental Breakfast**
7:55         **Welcome** - Christina H. Kang, M.M, M.S., CCC-SLP
8:00         **Overview Of Paralaryngeal And Intrinsic Laryngeal Muscles Affecting Vocal Function**
              Kristine Tanner, PhD, CCC-SLP and Christina H. Kang, M.M., M.S., CCC-SLP
8:30         **Paralaryngeal Landmarks For Digital Manipulation**
              Kristine Tanner, PhD, CCC-SLP and Christina H. Kang, M.M., M.S., CCC-SLP
9:00         **Basic Therapy Techniques For Alleviation Of Muscle Tension Dysphonia**
              Kristine Tanner, PhD, CCC-SLP and Christina H. Kang, M.M., M.S., CCC-SLP
9:30         **Q & A Session**
9:45         **Refreshment Break**
10:00        **Patient Demonstration**: Hands-On Manual Therapy
11:00        **Question & Answer Session**
12:15 p.m.   **Adjourn**

**Workshop III - Afternoon** - Office-Based Laryngology Procedures: Hands-on Lab

12:15 p.m.   **Registration and Light Lunch**
12:55        **Welcome** - David G. Lott, M.D.
1:00         **Safety Considerations of Office-Based Procedures**
1:20         **Transoral and Transcervical Vocal Fold Injections**
1:40         **Office Balloon Dilations**
2:00         **Office Botox Injections**
2:20         **Office KTP Laser Photoablation**
2:40         **Refreshment Break**
3:00         **Hands-On Session Station 1**: Transnasal Esophagoscopy & Office Balloon Dilatation,
              **Station 2**: KTP Laser  **Station 3**: Office Injections
5:00         **Question & Answer**
5:15         **Adjourn**

**Workshop IV** Advanced Techniques: Manual Lymphatic Drainage with Compression

12:15 p.m.   **Registration and Light Lunch**
12:55        **Welcome** - Lisa R. Crujido, M.S., CCC-SLP
1:00         **Understanding the Lymphatic System and Lymphedema of the Head and Neck**
              Lisa R. Crujido, M.S., CCC-SLP, Brad Smith, MS, CCC-SLP, CLT
2:30         **Q & A Session**
2:45         **Refreshment Break**
3:00         **Manual Lymphatic Drainage** Brad Smith, MS, CCC-SLP, CLT
4:00         **Patient Demonstration**
4:45         **Q & A Session**
5:15         **Adjourn**
### General Session
**Friday-Saturday • April 7-8, 2017**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Register On or Before March 8, 2017</th>
<th>After March 8, 2017</th>
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<tbody>
<tr>
<td>Physicians Active in Practice</td>
<td>$560</td>
<td>$635</td>
</tr>
<tr>
<td>Other (Allied Health, Residents and Retired)</td>
<td>$385</td>
<td>$460</td>
</tr>
<tr>
<td>Webcast Registration</td>
<td></td>
<td>$455</td>
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</tbody>
</table>

Visit: [https://ce.mayo.edu/otorhinolaryngology/node/25991](https://ce.mayo.edu/otorhinolaryngology/node/25991)

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”.

**Note:** Please refer to course agenda for included meals and refreshment breaks.

### PROGRAM
**Friday, April 7, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Registration and Continental Breakfast</td>
</tr>
<tr>
<td>7:45</td>
<td>Welcome Remarks - Michael L. Hinni, M.D.</td>
</tr>
<tr>
<td>7:55</td>
<td>Course Orientation David G. Lott, M.D.</td>
</tr>
<tr>
<td>8:00</td>
<td><strong>Voice Session Moderator:</strong> Christina H. Kang, MM, MS, CCC-SLP</td>
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<tr>
<td>8:00</td>
<td>The Power Of Observation: Assessment of The Complex Laryngology Patient C. Blake Simpson, M.D.</td>
</tr>
<tr>
<td>8:30</td>
<td>Therapy for Benign Vocal Fold Lesions Kristine Tanner, Ph.D., CCC-SLP</td>
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<tr>
<td>9:00</td>
<td>Surgical Management of Benign Vocal Fold Lesions: Benign can be Complex! Dale C. Ekborn, M.D.</td>
</tr>
<tr>
<td>9:30</td>
<td>Refreshment Break</td>
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<tr>
<td>9:45</td>
<td>Chronic Laryngeal Infection Marie E. Jetté, Ph.D., CCC-SLP</td>
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<tr>
<td>10:15</td>
<td>Paradoxical Vocal Fold Motion in Athletes Wenli Chen, MS, CCC-SLP</td>
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<tr>
<td>10:45</td>
<td>Type 3 Thyroplasty for Adult Puberphonia Sara Viana Baptista, M.D.</td>
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<tr>
<td>11:15</td>
<td>Laryngeal Hyper-Sensitivity and Hyper-Responsiveness Christina H. Kang, MM, MS, CCC-SLP</td>
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<tr>
<td>11:45</td>
<td>Grab-N-Go Lunch</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>IM Grand Rounds: Innovations in Dysphagia Management Peter C. Belafsky, M.D., Ph.D. – Keynote Speaker</td>
</tr>
<tr>
<td>1:15</td>
<td>Breakthroughs Toward Excellence in Swallowing Management Martin B. Brodsky, PhD, ScM, CCC-SLP</td>
</tr>
<tr>
<td>1:45</td>
<td>Esophageal Dysphagia: Beyond the VFSS Lisa R. Crujido, MS, CCC-SLP</td>
</tr>
<tr>
<td>2:15</td>
<td>Understanding the Complexity of Pain Denise M. Millstine, M.D.</td>
</tr>
<tr>
<td>3:00</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>3:30</td>
<td>CP Muscle Dysfunction Peter C. Belafsky, M.D., Ph.D.</td>
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<tr>
<td>4:00</td>
<td>Stump the Expert Panel – Case Presentation</td>
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<tr>
<td>5:00</td>
<td>Adjourn</td>
</tr>
<tr>
<td>5:15 - 7:15</td>
<td>Welcome Reception/Poster Viewing</td>
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**Saturday, April 8, 2017**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 a.m.</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:30</td>
<td>Opening Remarks - David G. Lott, M.D.</td>
</tr>
<tr>
<td>7:45</td>
<td>Confronting the Complexities of Swallowing in Critical Care Martin B. Brodsky, PhD, ScM, CCC-SLP</td>
</tr>
<tr>
<td>8:15</td>
<td>Understanding Fibrosis and its Impact on Swallowing, Speech and Voice Brad Smith, MS, CCC-SLP, CLT</td>
</tr>
<tr>
<td>8:45</td>
<td>Surgical Management of Pharyngoesophageal Fibrosis David G. Lott, M.D.</td>
</tr>
<tr>
<td>9:15</td>
<td>Proton Beam Samir H. Patel, M.D.</td>
</tr>
<tr>
<td>9:45</td>
<td>Swallowing Function in Patients Treated with Proton Beam for Adjuvant Radiotherapy in HPV Associated Oropharynx Squamous Cell Carcinoma Lisa R. Crujido, MS, CCC-SLP</td>
</tr>
<tr>
<td>10:15</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>10:30</td>
<td>Dryness Voice Effects and Treatments: Environmental and Radiation Side Effects Kristine Tanner, Ph.D., CCC-SLP</td>
</tr>
<tr>
<td>11:00</td>
<td>Pushing the Limits of Office-Based Laser Treatment of the Larynx C. Blake Simpson, M.D.</td>
</tr>
<tr>
<td>11:30</td>
<td>TLM Resection for Head &amp; Neck Cancer Michael L. Hinni, M.D.</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch (Pick up lunch and return to the general session)</td>
</tr>
<tr>
<td>1:00</td>
<td>Stump the Expert Panel – Case Presentation</td>
</tr>
<tr>
<td>2:30</td>
<td>Closing Remarks and Adjourn Tentative Social Event (Details to be announced)</td>
</tr>
</tbody>
</table>

Program schedule is subject to change without notice.
4TH ANNUAL SOUTHWEST LARYNGOLOGY CONFERENCE
focus on complex cases

FACULTY
Course Directors
David G. Lott, MD
Wenli Chen, MS, CCC-SLP
Lisa R. Crujido, MS, CCC-SLP
Michael L. Hinni, MD
Christina H. Kang, MM, MS, CCC-SLP
Jaime L. Matthaeus, MPAS, PA-C

Mayo Clinic Faculty
Dale C. Ekbom, MD
Denise M. Millstine, MD
Samir H. Patel, MD

Distinguished Guest Faculty
Sara Viana Baptista, MD
Hospital da Luz
Lisbon, Portugal

Peter C. Belafsky, MD, PhD
UC Davis ENT Clinic
Sacramento, CA

Martin B. Brodsky, PhD, ScM, CCC-SLP
Johns Hopkins University
Baltimore, MD

Marie E. Jette’, PhD, CCC-SLP
University of Colorado
Aurora, CO

C. Blake Simpson – The Voice Center
The University of Texas Voice Center
San Antonio, TX

Brad Smith, MS, CCC-SLP, CLT
Sammons Cancer Center
Baylor University Medical Center
Dallas, TX

Kristine Tanner, PhD, CCC-SLP
Voice Disorders Center
Imaging & Neurosciences Center
Salt Lake City, UT

FACULTY DISCLOSURES: May be viewed at:
http://tinyurl.com/Faculty-Disclosures

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 so those participants in the activity may formulate their own judgments regarding the presentation.

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