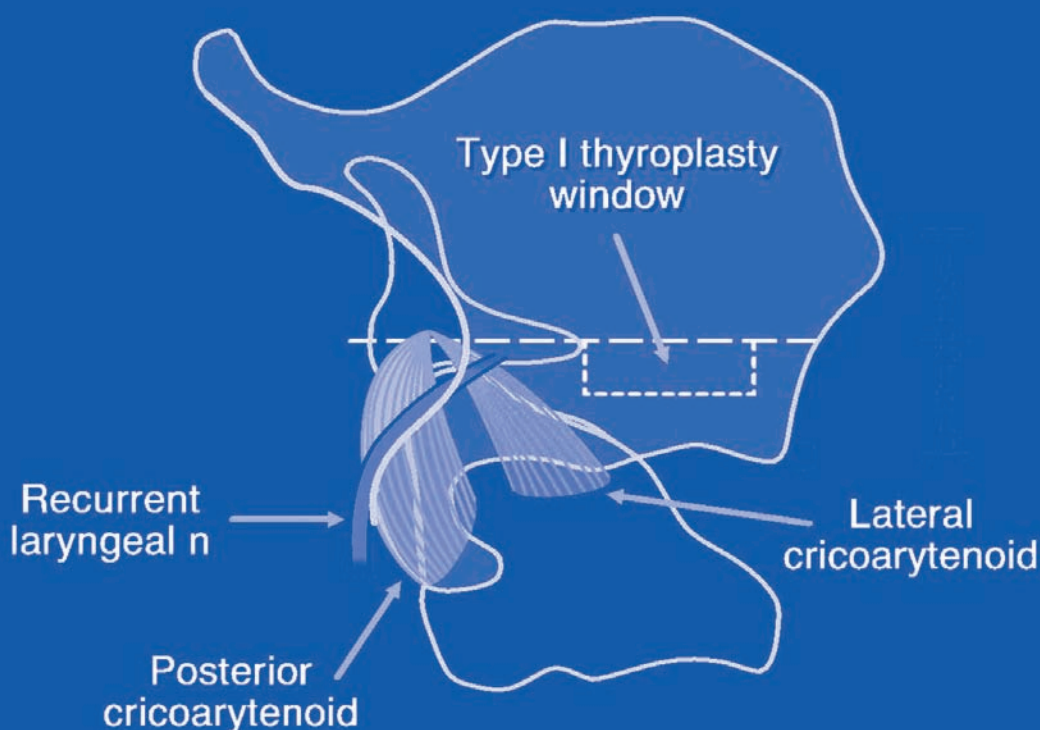


Laryngeal Functional Surgery 2007

*Featuring a special educational track
for Speech – Language Pathologists*



Limited Enrollment Skills Course

June 5-6, 2007

Mayo Clinic
Rochester, Minnesota

General Information

COURSE DESCRIPTION & OBJECTIVES

Laryngeal Functional Surgery 2007 is designed to teach all aspects of application and surgical techniques used in laryngeal functional surgery for voice disorders (thyroplasty). Applications and innovations in thyroplasty will be covered in-depth with participants learning first-hand from the modern-day author of thyroplasty techniques and a course faculty with expertise and experience in over seven hundred patients and eleven hundred thyroplasties.

The program format will include ample time for comprehensive discussion emphasizing pre-operative surgical planning and intraoperative surgical techniques. Participants will perform all thyroplasty operations and the arytenoids fixation technique on cadaver larynges, gaining valuable experience in surgical exposure and anatomy, especially of the posterolateral larynx.

This course is limited to 40 attendees.

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

- Plan a thyroplasty operation.
- Perform a Type I thyroplasty and contract the various techniques available.
- Identify the anatomical constructs of the posterolateral larynx.
- Perform an arytenoids adduction.
- Discuss the innovations and applications of thyroplasty operations.
- Perform a midline Type II thyroplasty.

GUEST FACULTY

Nobuhiko Isshiki, M.D., currently is Head of Kyoto Voice Surgical Center, Kyoto University, in Kyoto, Japan, and emeritus professor at Kyoto University Medical College. Dr. Isshiki originally developed laryngeal framework surgery, including four types of thyroplasties and arytenoid adduction in 1975. The techniques have been found useful world-wide for treating vocal fold paralysis, atrophy, sulcus and recently spasmodic dysphonia. The vocal pitch can be changed effectively by type 3 or 4 thyroplasty.

Dr. Isshiki is an honorary member of the American Academy of Otorhinolaryngology and has received the Gould Award for Laryngeal Research Work.

INTENDED AUDIENCE

This course is designed for otolaryngologic surgeons, laryngologists and residents who have an interest in the surgical treatment of vocal cord paralysis. Speech-Language pathologists who have an interest in vocal cord treatment and rehabilitation also may be interested in attending.

DATE AND LOCATION

Laryngeal Functional Surgery 2007 will be held Tuesday, June 5, and Wednesday, June 6, 2007 in the Vincent A. Stabile Building, Mayo Clinic, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants and hotels.

REGISTRATION

This course is limited to 40 attendees. Preregistration is required and must be received by May 22, 2007.

To register online, visit <http://www.mayo.edu/cme> or complete the attached registration form and return by mail or fax. Early registration is encouraged. Payment must be received at the time of enrollment. Registrants will be sent a letter of confirmation upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.

The registration fee of \$1,295 (USD) for Practicing Physicians; \$795 (USD) for Residents; \$650 (USD) for Speech– Language Pathologists, includes tuition, laboratory supplies, comprehensive syllabus, continental breakfasts, lunch and break refreshments, and a reception and dinner on Wednesday, June 6, 2007.

CONTINUING EDUCATION CREDIT

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Clinic College of Medicine designates this educational activity for a maximum of 16.5 *AMA PRA Category 1 Credits*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.



Mayo Clinic is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. This program is offered for 1.8 CEUs (Intermediate level, Professional area). ASHA CE Provider approval does not imply endorsement of course content, specific products, or clinical procedures.

All other health care professionals will be provided a record of attendance for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

TRAVEL

Rochester, Minnesota, greets thousands of visitors from around the world each year. A modern international airport services Rochester with multiple flights daily from Chicago and Minneapolis via American and Northwest Airlines. Access to and from the airport is provided by taxi cab and shuttle service. The airport is located approximately 10 miles from downtown Rochester and Mayo Clinic.

The Minneapolis/St. Paul International Airport is just 90 minutes from Rochester. Rochester Direct provides shuttle service from Minneapolis/St. Paul several times each day. For reservations or more information, contact Rochester Direct, telephone 800-280-9270, or visit their website, www.rochesterdirect.com.

Car rentals also are available.

For assistance with your travel needs, contact Carlson Wagonlit Travel, 1-866-MAYO-TVL (press 3 and then press 1). Identify yourself as a participant of Mayo Clinic's Laryngeal Functional Surgery course.

Travel arrangements are the sole responsibility of the individual.

PARKING

Parking is available in hotel, city and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. Visit our website, www.mayoclinic.org/travel-rst/ for maps, driving directions and additional parking information.

LODGING

Rooms have been reserved for course participants and guests at four convenient hotel locations. To ensure accommodations, make your reservation by telephone by May 14, 2007. Reservation requests received after this date will be subject to availability at the group rate. When making reservations, identify yourself as a participant of the Mayo Clinic Laryngeal Functional Surgery course.

Hilton Garden Inn (\$95)

225 South Broadway
866-518-6000 or 507-285-1234

Radisson Plaza Hotel (\$103)

150 South Broadway
800-333-3333 or 507-281-8000

The Kahler Grand Hotel (\$89)

20 Second Avenue SW
XXX-XXX-XXXX or XXX-XXX-XXXX

Rochester Marriott Hotel (\$139)

101 First Avenue SW
877-623-7775 or 507-280-6000

Rates quoted are per room per night, single or double occupancy, and are subject to state and local taxes (currently 11%).

These hotels are connected by skyway and pedestrian subway to conference facilities, downtown shops, restaurants and Mayo Clinic campus. You also may visit the Rochester Convention and Visitors Bureau website (www.rochestercvb.org) for additional accommodations.

DISCLAIMER

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

CANCELLATION POLICY

Your registration fee, less a \$75 administrative fee, will be refunded when written notification is received by Mayo School of Continuing Medical Education before May 22, 2007. Notification is encouraged via fax to 507-284-0532. **No refunds will be made after May 22, 2007.**

Mayo School of CME reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CME must cancel or postpone this course, Mayo School of CME will refund the registration fee, but is not responsible for any related costs, charges or expenses to participants, including fees assessed by airline/travel/lodging agencies.

FACULTY

Course Director

Nicolas E. Maragos, M.D.
Consultant, Department of
Otorhinolaryngology
Associate Professor of Otolaryngology
Mayo Clinic College of Medicine

Guest Faculty

Nobuhiko Isshiki, M.D.
Head, Kyoto Voice Surgical Center
Kyoto University
Kyoto, Japan
Professor Emeritus
Kyoto University, Japan

Dana M. Thompson, M.D.
Pediatric Otolaryngologist
Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio

**DEPARTMENT OF
OTORHINOLARYNGOLOGY**

Jan L. Kasperbauer, M.D.
Consultant
Associate Professor of Otolaryngology
Assistant Professor of Anatomy
Mayo Clinic College of Medicine

Diana M. Orbelo, Ph.D.
Senior Associate Consultant,
Department of Otorhinolaryngology
Instructor in Otolaryngology
Mayo Clinic College of Medicine

DEPARTMENT OF NEUROLOGY

Edythe A. Strand, Ph.D.
Consultant, Division of Speech Pathology
Associate Professor of Speech Pathology
Mayo Clinic College of Medicine

Schedule

TUESDAY, JUNE 5, 2007

7:00 a.m.	Registration and Continental Breakfast
8:00 a.m.	Introduction and Welcome <i>Charles W. Beatty, M.D., Chair, Department of Otorhinolaryngology</i> <i>Nicolas E. Maragos, M.D., Course Director</i>
8:10 a.m.	Laryngeal Airflow and Vibratory Physiology <i>Jan L. Kasperbauer, M.D. & Diana Orbelo, Ph.D.</i>
8:40 a.m.	Voice Evaluation and Videostrobolaryngoscopy <i>Diana M. Orbelo, Ph.D.</i>
9:10 a.m.	Thyroplasty Overview: Concepts and Applications <i>Nobuhiko Isshiki, M.D.</i>
9:55 a.m.	Discussion
10:05 a.m.	Refreshment Break

MEDIALIZATION THYROIDPLASTY – ANTERIOR VOCAL FOLD

10:30 a.m.	Type I Thyroidplasty: Isshiki Approach <i>Nobuhiko Isshiki, M.D.</i>
11:15 a.m.	Discussion
11:25 a.m.	Type I Thyroidplasty: Pediatric Applications <i>Dana Thompson, M.D.</i>
11:50 a.m.	Anterior Medialization Alternatives: Montgomery Implant System <i>Nicolas E. Maragos, M.D.</i>
12:10 p.m.	Discussion
12:15 p.m.	Lunch, Case Presentation(s) from Participants and Discussion

DISSECTION COURSE – ANTERIOR MEDIALIZATION (Faculty)

1:30 p.m.	Set-Up/ Anatomical Constructs/ Laryngeal Measurements
2:00 p.m.	Type I Thyroidplasty – Silastic: “Plug” and “Umbrella”
2:50 p.m.	Type I Thyroidplasty – Gortex
3:05 p.m.	Type I Thyroidplasty – Montgomery System
3:35 p.m.	Discussion
3:40 p.m.	Refreshment Break

MEDIALIZATION THYROIDPLASTY – POSTERIOR VOCAL FOLD

4:10 p.m.	The Posterior Window: Introduction to the Posterolateral Larynx <i>Nicolas E. Maragos, M.D.</i>
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DISSECTION COURSE – POSTERIOR WINDOW APPROACH, ANATOMY (Faculty)

4:25 p.m.	The Posterior Window
5:15 p.m.	Discussion
5:30 p.m.	Announcements and Dinner (provided)
7:00 p.m.	The Arytenoid Cartilage and Cricoidarytenoid Joint <i>Jan L. Kasperbauer, M.D.</i>
7:35 p.m.	Arytenoid Adduction <i>Nobuhiko Isshiki, M.D.</i>
8:50 p.m.	Discussion
9:00 p.m.	Adjourn

Schedule

WEDNESDAY, JUNE 6, 2007

7:15 a.m. Registration and Continental Breakfast

MEDIALIZATION THYROPLASTY – POSTERIOR VOCAL FOLD (*continued*)

8:00 a.m. Unilateral Vocal Fold Paralysis with Open Posterior Glottis:
Arytenoid Adduction with Type I Thyroplasty
Nicolas E. Maragos, M.D.

8:40 a.m. Discussion

ABNORMAL LARYNGOPHARYNGEAL FUNCTION

8:45 a.m. Surgical Management and Evaluation of Dysphagia
Dana Thompson, M.D.

9:30 a.m. Spasmodic Dysphonia – Diagnosis, Etiology, Medical Treatment
Edythe A. Strand, Ph.D.

10:00 a.m. Discussion

10:05 p.m. Refreshment Break

LATERALIZATION THYROPLASTY

10:30 a.m. Adductor Spasmodic Dysphonia – Midline Type II Thyroplasty
Nobuhiko Isshiki, M.D.

11:20 a.m. Bilateral Vocal Fold Immobility: Lateral Type II Thyroplasty
Nicolas E. Maragos, M.D.

11:35 a.m. Discussion

RELAXATION AND TENSIONING THYROPLASTY

11:45 a.m. Intractable Vocal Fold Tension: Type III Thyroplasty
Nobuhiko Isshiki, M.D.

12:05 p.m. Superior Laryngeal Nerve Weakness: Type IV + Type I
Nicolas E. Maragos, M.D.

12:20 p.m. Discussion

12:30 p.m. Lunch, Case Presentation(s) from Participants and Discussion

DISSECTION COURSE – POSTERIOR MEDIALIZATION (*Faculty*)

1:45 p.m. Arytenoid Adduction
Arytenoid Fixation with hands on practice

3:15 p.m. Refreshment Break

DISSECTION COURSE – TENSIONING, RELAXATION, LATERALIZATION (*Faculty*)

3:45 p.m. Type IV Thyroplasty
Type III Thyroplasty
Type II Thyroplasty

5:15-5:30 p.m. Discussion and Announcements

6:45 p.m. Reception and Dinner

8:45 p.m. Closing Remarks

Laryngeal Functional Surgery 2007

June 5 – 6, 2007

Mayo Clinic
Rochester, Minnesota

Mail form and payment to:
Mayo School of Continuing Medical Education
Plummer 2-60
200 First Street SW
Rochester, MN 55905

Telephone: 800-323-2688 or 507-284-2509
FAX: 507-284-0532
Website: www.mayo.edu/cme
E-Mail: cme@mayo.edu

(Please print or type all information. You may duplicate this form for multiple registrations.)

Name _____
First Name Middle Name or Initial Last Name

Degree ☐ MD ☐ PhD ☐ DO ☐ Speech Pathologist ☐ Other _____

Institution _____

Medical Specialty _____

E-mail Address _____

Which is your preferred mailing address: ☐ Work/Business ☐ Home

Work Address _____

City _____ State/PV _____ ZIP/Postal Code _____ Country _____


Home Address _____

City _____ State/PV _____ ZIP/Postal Code _____ Country _____

Home Telephone (_____) _____ Business Telephone (_____) _____

Int'l Telephone (Country code) _____ (City code) _____ (Phone) _____

FAX _____

 ☐ Please check if you have any special assistance needs or dietary restrictions.
Please indicate your needs here: _____

P	A	Y	M	E	N	T
Physicians:				\$1,295 (USD)	\$	_____
Residents:				\$795 (USD)	\$	_____
Speech Pathologists (lecture only):				\$650 (USD)	\$	_____
Total Payment Enclosed:					\$	_____
<input type="checkbox"/> Check enclosed (payable to Mayo Clinic) <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover						
Card Number			Expiration date MO/YR			
Signature			Date			



Mayo Clinic College of Medicine
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Plummer 2-60
200 First Street Southwest
Rochester, MN 55905 USA

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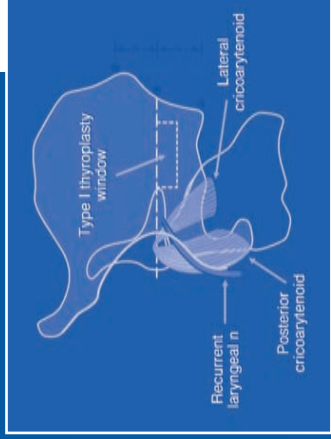
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