THYROPLASTY
New Innovations and Applications

October 26 – 27, 2001

Stabile Building
Mayo Clinic
Rochester, Minnesota
COURSE DESCRIPTION
This two-day course will cover the entire field of thyroplasty operations in depth. New applications and innovations in thyroplasty will be covered in depth, with course 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. Ample time will be given for comprehensive discussion, emphasizing pre-operative surgical planning and intraoperative surgical techniques. Participants will perform all thyroplasty operations and the arytenoid fixation technique on cadaver larynges, gaining valuable experience in surgical exposure and anatomy, especially of the posterolateral larynx.

COURSE LEARNING OBJECTIVES
At the completion of this course, the participant should be able to:
• Plan a thyroplasty operation;
• Demonstrate a Type I thyroplasty and understand the various techniques available;
• Identify the anatomical constructs of the posterolateral larynx;
• Demonstrate an arytenoid adduction;
• Understand the newer innovations and applications of thyroplasty operations.

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.

INTENDED AUDIENCE
This course is designed for otolaryngologic surgeons and laryngologists who have an interest in the surgical treatment of vocal cord paralysis. Attendance is limited.

CREDIT
Mayo Foundation is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Mayo Foundation designates this educational activity for a maximum of 16.25 hours in category 1 credit towards the AMA Physician’s Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

DATE AND LOCATION
Thyroplasty: New Innovations and Applications will be held October 26 – 27, 2001, in the Stabile Building, 302 Second Avenue SW, at the Mayo Clinic campus in Rochester, Minnesota. Registration will be held in the Stabile Building. The lectures and dissection will be held in the Surgical Skills Laboratory on the ninth floor of the Stabile Building.

REGISTRATION
To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, luncheons and closing banquet. Although it is not Mayo School of Continuing Medical Education policy to limit the number of registrants for a course, laboratory facilities may necessitate closing enrollment; therefore, early registration is strongly advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present this letter when checking in at the meeting registration desk.
CANCELLATION POLICY
Your registration fee, less a $75 administrative fee, will be refunded when written notification is received by the Mayo School of Continuing Medical Education before October 12, 2001. No refunds will be made after October 12, 2001.

TRAVEL
Rochester, Minnesota, is a friendly city that greets thousands of visitors from around the world each year. The city is serviced by a modern international airport with multiple flights daily from Chicago and Minneapolis via American or Northwest Airlines. Access to and from the airport is provided by taxi cab and shuttle service. The airport is located approximately 10 driving miles from the Mayo Clinic complex.

LODGING ACCOMMODATIONS
Blocks of guestrooms have been reserved with special course rates at each of the following downtown Rochester hotels. To ensure accommodations and the discounted rate, please make your reservations by October 5, 2001, and identify yourself as a participant of Thyroplasty: New Innovations and Applications.

Hilton Garden Inn
225 South Broadway
800-445-8667 or 507-285-1234
$89 single/double

Radisson Plaza Hotel
150 South Broadway
800-333-3333 or 507-281-8000
$99 single/double

Kahler Grand Hotel
20 Second Avenue SW
800-533-1655 or 507-282-2581
$89 single/double

Rochester Marriott Hotel
101 First Avenue SW
877-623-7775 or 507-280-6000
$129 single/double

The hotels listed above are connected by skyway and pedestrian subway to conference facilities, downtown shops, restaurants and theaters. You may also wish to visit the Rochester Convention and Visitors Bureau website (www.rochestercvb.org) for additional accommodation options.

PARKING
Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registrant confirmation letter.

FACULTY
Course Director
Nicolas E. Maragos, M.D.

Mayo Clinic Faculty
Jan Kasperbauer, M.D.
Dana Thompson Link, M.D.

Guest Faculty
Nobuhiko Isshiki, M.D.
Professor Emeritus
Kyoto University Japan
FRIDAY, OCTOBER 26, 2001

Registration: Stabile Building. Lectures and dissection: Surgical Skills Laboratory, Ninth Floor

7:30 - 8:00 am Registration and Continental Breakfast
8:00 - 8:10 am Introduction and Welcome Dr. Nicolas Maragos
8:10 - 8:40 am Laryngeal Airflow and Vibratory Physiology Dr. Jan Kasperbauer
8:40 - 9:10 am Laboratory Testing: Videostrobolaryngoscopy, Airflow Measurements and Sensory Testing Dr. Dana Thompson Link
9:10 - 9:55 am Thyroplasty Overview: Concepts and Applications Dr. Nobuhiko Isshiki
9:55 - 10:05 am Discussion
10:05 - 10:30 am Break

ANTERIOR VOCAL FOLD MEDIALIZATION

10:30 - 11:15 am Type I Thyroplasty: Isshiki Approach Dr. Nobuhiko Isshiki
11:15 - 11:25 am Discussion
11:25 - 11:50 am Type I Thyroplasty: Implant Systems Dr. Nicolas Maragos
11:50 - 12:10 pm Type I Thyroplasty: Pediatric Applications Dr. Dana Thompson Link
12:10 - 12:15 pm Discussion
12:15 - 1:30 pm Lunch

Dissection Course: Anterior Medialization

Faculty

1:30 - 2:45 pm Laryngeal Measurements / Set-up
Type I Thyroplasty: Silastic Implants; Gortex
2:45 - 3:15 pm Type I Thyroplasty: Montgomery System
3:15 - 3:45 pm Type I Thyroplasty: VoCom System
3:45 - 3:50 pm Discussion
3:50 - 4:00 pm Break
POSTERIOR VOCAL FOLD MEDIALIZATION

4:00 - 4:15 pm The Posterior Window: Introduction to the Posterolateral Larynx
Dr. Nicolas Maragos

Dissection Course: Posterior Medialization
Faculty

4:15 - 5:05 pm The Posterior Window

5:05 - 5:15 pm Discussion, Announcements

5:30 - 7:00 pm Dinner (on your own)

7:00 - 7:35 pm The Arytenoid Cartilage and Cricoarytenoid Joint
Dr. Jan Kasperbauer

7:35 - 8:50 pm Arytenoid Adduction
Dr. Nobuhiko Isshiki

8:50 - 9:00 pm Discussion

SATURDAY, OCTOBER 27, 2001

Registration: Stabile Building. Lectures and dissection: Surgical Skills Laboratory, Ninth Floor

7:30 - 8:00 am Registration and Continental Breakfast

NEW INNOVATIONS AND APPLICATIONS OF THYROPLASTY

8:00 - 8:25 am Open Posterior Glottis: Combination Medialization Thyroplasty
Dr. Nicolas Maragos

8:25 - 8:45 am Arytenoid Fractures and Subluxations: Arytenoid Fixation (Adduction Arytenopexy)
Dr. Nicolas Maragos

8:45 - 9:30 am Adductor Spasmodic Dysphonia: Midline Type II Thyroplasty
Dr. Nobuhiko Isshiki & Dr. Nicolas Maragos

9:30 - 9:45 am Abductor S.D.: Bilateral Type I + Posterior Windows
Dr. Nicolas Maragos

9:45 am - 10:00 am Bilateral Vocal Fold Immobility: Lateral Type II Thyroplasty
Dr. Nicolas Maragos

10:00 - 10:05 am Discussion
10:05 - 10:30 am  Break
10:30 - 11:15 am  Surgical Management and Evaluation of Dysphagia  
\emph{Dr. Dana Thompson Link}
11:15 - 11:20 am  Discussion
11:20 - 11:50 am  Superior Laryngeal Nerve Weakness: Type IV + Type I  
\emph{Dr. Nobuhiko Isshiki \\& Dr. Nicolas Maragos}
11:50 - 12:05 pm  Intractable Vocal Fold Tension: Type III Thyroplasty  
\emph{Dr. Nobuhiko Isshiki}
12:05 - 12:15 pm  Discussion
12:15 - 1:45 pm  Lunch

1:45 - 3:15 pm  \textbf{Dissection Course: Posterior Medialization}  
\emph{Faculty}

\begin{itemize}
\item Arytenoid Adduction
\item Arytenoid Fixation
\end{itemize}
3:15 - 3:45 pm  Break
3:45 - 5:15 pm  \textbf{Dissection Course: Lateralization and Manipulations}  
\emph{Faculty}

\begin{itemize}
\item Type IV Thyroplasty
\item Type III Thyroplasty
\item Type II Thyroplasty
\end{itemize}
5:15 - 5:30 pm  Discussion  
\textbf{Announcements}
6:45 - 8:45 pm  Reception and Dinner
8:45 - 9:00 pm  Closing Remarks, Farewell

\emph{Arrangements may be made to tour the Mayo Voice Lab with one of our Course faculty either Thursday evening or Sunday morning. Please let us know if you would like to see our facilities.}
# THYROPLASTY

## New Innovations and Applications

### October 26 – 27, 2001

Stabile Building,  
Mayo Clinic  
Rochester, Minnesota

**Mail form and payment to:**  
Mayo School of Continuing Medical Education  
200 First St SW  
Rochester, MN 55905

**Telephone:** 800-323-2688  
**FAX:** 507-284-0532

**Web Site:** www.mayo.edu  
**E-Mail:** cme@mayo.edu

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## Registration Form

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
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<tbody>
<tr>
<td>First Name</td>
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<td>Middle or Initial</td>
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<tr>
<td>Last Name</td>
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<tr>
<td>Institution</td>
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<tr>
<td>Medical Specialty</td>
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<tr>
<td>E-mail Address</td>
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Which do you prefer to be your mailing address:  
- [ ] Work/Business  
- [ ] Home

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____________________________________________________________________________

Type of credit that you are interested in receiving:  
- [ ] AMA/Category 1  
- [ ] Other

[ ] Please check if you have special accommodation or dietary needs and indicate specific need(s): ____________________________

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## PAYMENT

<table>
<thead>
<tr>
<th>Registration Fee:</th>
<th>Before Sept. 28</th>
<th>After Sept. 28</th>
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<tbody>
<tr>
<td>Physicians</td>
<td>$1,150</td>
<td>$1,250</td>
</tr>
<tr>
<td>Residents in Training</td>
<td>$575</td>
<td>$625</td>
</tr>
</tbody>
</table>

Total Payment Enclosed: $ ________

[ ] Check (payable to Mayo Foundation)  
- [ ] Visa  
- [ ] MasterCard  
- [ ] Discover

Card Number ___________________________ Expiration date MO/YR ____________

Signature ___________________________ Date ________