10th Annual
Multidisciplinary Transoral Surgery for Head and Neck Cancer

Juanita Kious Waugh Auditorium
Mayo Clinic Education Center
Phoenix, Arizona

Wednesday – Saturday
February 22-25, 2017

Featuring:

- Didactic lectures supplemented with video clips, live surgical cases and case discussions
- Optional hands-on workshop in the Mayo Clinic Center for Procedural Innovation

REGISTER NOW!
$75 DISCOUNT EXPIRES JANUARY 22, 2017 • VISIT WWW.CE.MAYO.EDU/TORS2017
COURSE DESCRIPTION
The Multidisciplinary Transoral Surgery for Head and Neck Cancer course is designed to give otolaryngologists, head and neck surgeons, radiation oncologists, medical oncologists, oral maxillofacial surgeons, pathologists, and speech pathologists, a focused educational experience in transoral endoscopic techniques for resecting primary head and neck tumors and the associated state-of-the-art application of advanced radiotherapy techniques including proton beam therapy and systemic therapy such as immunotherapy. Both transoral laser and robotic surgery will be featured as well as flexible laser surgery in inpatient and outpatient environments.
An optional cadaveric hands-on workshop will provide participants with opportunities to perform various transoral procedures with laser technologies and delivery systems. Renowned faculty will emphasize fundamental transoral anatomy, microsurgical techniques, wound exposure, as well as other transoral techniques. Workshop participants will gain experience in the art of tumor exposure using various retractors and appropriate and safe use of multiple transoral systems

LEARNING OBJECTIVES
Upon completion of this activity, participants should be able to:
• Identify which patients are eligible for transoral robotic and laser surgery.
• Distinguish differences between transoral surgery and traditional surgical and radiation-based treatment strategies.
• Identify key features of “inside-out” anatomy of the upper aerodigestive tract.
• Describe advantages and technique of margin mapping.
• Summarize how to incorporate imaging into surgical planning.
• State potential advantages that may be realized with transoral robotic surgery.
• Identify basic transoral laser microsurgery instrumentation and operative complications.
• Recognize key technical mistakes to avoid.
• Discuss postoperative management of patients treated with transoral surgery.
• Explain how to incorporate personalized radiation therapy with the postoperative patient.
• Examine new trends for systemic therapy for HPV positive oropharynx cancer.
• Review new clinical trials underway highlighting new management trends.

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

INTENDED AUDIENCE
This course is designed for otolaryngologists, head and neck surgeons, radiation oncologists, medical oncologists, oral maxillofacial surgeons, pathologists, and speech pathologists.

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 live activity for a maximum of 23.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
AOA: This program has been accredited by the American Osteopathic Association for 23.5 credits of AOA Category 2-A.
Other Health Care Professionals: A record of attendance will be available to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.
General Information

MEETING LOCATION & ACCOMMODATIONS

MEETING LOCATION
Mayo Clinic Education Center
Mayo Clinic Hospital Campus
Juanita Kious Waugh Auditorium
5777 East Mayo Boulevard
Phoenix, Arizona 85054

ACCOMMODATIONS
Residence Inn Phoenix Desert View at Mayo Clinic
5665 East Mayo Boulevard
Phoenix, Arizona 85054
Telephone: 480-563-1500
Reservations: 866-754-5927

Make your reservation before the room block fills or before Friday, January 20, 2017 via the website or phone number above. Reservations requested after this date cannot be guaranteed but will be accepted based on availability. When making your reservation, identify yourself as a participant of the Mayo Clinic Transoral Surgery Course.

A block of rooms at a special group rate of $229 (USD) per night, plus applicable state and local taxes, is available for course participants and guests. Group rates will apply three (3) days prior to and after the course dates, based on rate and room availability.

Conveniently located on the Mayo Clinic Hospital Campus, the Residence Inn Phoenix Desert View at Mayo Clinic offers spacious suites, complimentary hot buffet breakfast, high-speed internet access, fitness facilities, swimming pool, business center, and free parking. Check-in time starts at 3 p.m.; check-out time is noon.

Attendees are responsible for their own reservations.

TRANSPORTATION

Hertz is offering a reduced daily rate for course registrants. Visit Hertz online at www.hertz.com/cme2017 (CV# 03NR0012). Special rates include unlimited mileage and are subject to availability. Advance reservations are recommended; blackout dates may apply.

SuperShuttle vans offer airport transportation to and from area hotels and businesses. To make reservations, call (800) 258-3826 or (602) 244-9000, or visit www.supershuttle.com.

Travel arrangements are the sole responsibility of the individual registrant.

DISCLAIMER

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.
Visit www.ce.mayo.edu/TORS2017 to register online. The course registration fee includes tuition, access to online course syllabus, continental breakfasts, lunch, break refreshments, and welcome reception. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A confirmation is provided upon receipt of payment. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY: If you cancel your participation in this course, your registration fee less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CPD before February 8, 2017. No refunds will be made on or after this date. Canceled registrations are non-transferable.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD 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.

For additional information, contact:
Mayo School of Continuous Professional Development
13400 East Shea Boulevard • Scottsdale, Arizona 85259
Website: ce.mayo.edu • E-mail: mca.cme@mayo.edu • Phone number: (480) 301-4580

### REGISTER NOW

$75 DISCOUNT for early registration expires January 22, 2017 • www.ce.mayo.edu/TORS2017

<table>
<thead>
<tr>
<th>On or Before Jan 22, 2017</th>
<th>After Jan 22, 2017</th>
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<tr>
<td><strong>GENERAL SESSION</strong> (Wed, Feb 22 – Fri, Feb 24, 2017)</td>
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<tr>
<td>Physicians Active in Practice</td>
<td>$900</td>
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<tr>
<td>Residents, Physician Assistants, Nurse Practitioners, Others</td>
<td>$750</td>
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| **OPTIONAL WORKSHOP** (Sat, Feb 25, 2017) | $1800 |

If morning workshop is fully subscribed then an afternoon session will be held.
Roundtrip transportation will be provided from the Residence Inn Phoenix Desert View at Mayo Clinic to the Mayo Clinic campus in Scottsdale. Please indicate if you require shuttle transportation when you register.

**WELCOME RECEPTION & DINNER AT GRAYHAWK** (Thu, Feb 23, 2017)
One adult ticket is included in the general session registration fee. Additional tickets are available for $75 each. Roundtrip transportation will be provided. Please indicate if you require shuttle transportation when you register.

### Program

**Wednesday, February 22, 2017**

12:00 p.m. **Registration & Refreshments**

1:00 **Welcome & Introductions**

**Moderator:** Michael L. Hinni, M.D.

1:15 **Evolution of Transoral Surgery (TOS)**  
Richard E. Hayden, M.D.

1:35 **Immunotherapy for Head and Neck Cancer**  
Katharine A. Price, M.D.

2:00 **Inside-Out Anatomy**  
Michael L. Hinni, M.D.

2:30 **OR Setup and Instrumentation**  
Jason T. Rich, M.D.

3:00 **Break**

3:30 **Introduction to TORS – Instrumentation and Case Selection**  
Chris Holsinger, M.D.

4:00 **Margin Analysis**  
Michael L. Hinni, M.D. and Matthew A. Zarka, M.D.

5:00 **Adjourn**

**Thursday, February 23, 2017**

6:45 a.m. **Continental Breakfast**

7:20 **Announcements**

**Moderator:** Michael L. Hinni, M.D.

7:30 **Early Glottic Cancer**  
David G. Lott, M.D.
Program

7:50 Transoral Surgery for Supraglottic Cancer          Thomas H. Nagel, M.D.
8:10 TORS for Laryngeal Cancer           J. Scott Magnuson, M.D.
8:30 Hypopharyngeal Cancer
Bruce H. Haughey, M.B.Ch.B. and Ryan Jackson, M.D.
8:50 HPV and the Oropharyngeal Cancer Epidemic    Daniel J. Ma, M.D.
9:10 Break
9:30 Imaging for Oropharyngeal Cancer        Joseph M. Hoxworth, M.D.
10:00 Transoral Surgery for Oral Cavity Cancers
Bruce Haughey, M.B.Ch.B. and Ryan Jackson, M.D.
10:30 Multidisciplinary Tumor Board – Laryngeal Cancer
Bruce H. Haughey, M.B.Ch.B., Chris Holsinger, M.D., David G. Lott, M.D.,
Daniel J. Ma, M.D., J. Scott Magnuson, M.D., Eric J. Moore, M.D.,
Thomas H. Nagel, M.D., Samir H. Patel, M.D., Katharine A. Price, M.D.,
and Harry Quon, M.D.
12:00 p.m. Lunch
1:00 Cancer of the Lateral Pharynx          Michael L. Hinni, M.D.
1:30 Cancer of the Base of Tongue           Eric J. Moore, M.D.
2:00 TOS – the Radiation Oncologist’s Perspective  Harry Quon, M.D.
2:30 De-escalation Therapy in the Setting of TOS  Daniel J. Ma, M.D.
3:00 Break
3:15 Multidisciplinary Tumor Board - Oropharynx
Bruce H. Haughey, M.B.Ch.B., Chris Holsinger, M.D., David G. Lott, M.D.,
Daniel J. Ma, M.D., J. Scott Magnuson, M.D., Eric J. Moore, M.D.,
Thomas H. Nagel, M.D., Samir H. Patel, M.D., Katharine A. Price, M.D.,
and Harry Quon, M.D.
4:30 Adjourn
5:30 Welcome Reception and Dinner

Friday, February 24, 2017

7:30 a.m. Continental Breakfast
Moderator: Eric J. Moore, M.D.
8:00 Live Surgery Telecast          Michael L. Hinni, M.D. and David G. Lott, M.D.
10:00 Break
10:20 Live Surgery Telecast          Michael L. Hinni, M.D. and David G. Lott, M.D.
12:00 p.m. Lunch
1:00 Functional Outcomes in Transoral Surgery          Lisa R. Crujido, CCC-SLP
1:20 Oncologic Outcomes in Transoral Surgery          Jason T. Rich, M.D.
1:45 Proton Therapy for Head and Neck Cancer          Samir H. Patel, M.D.
2:10 Transoral Surgery in the Salvage Setting          Jason T. Rich, M.D.
2:30 Transoral Surgery and Clinical Trials Panel Discussion
Bruce H. Haughey, M.B.Ch.B., Michael L. Hinni, M.D.,
Chris Holsinger, M.D., Daniel J. Ma, M.D., Eric J. Moore, M.D.,
Katharine A. Price, M.D., and Harry Quon, M.D.
3:00 Break
3:15 Complications of Transoral Surgery        Michael L. Hinni, M.D.

FUTURE DIRECTIONS ROUNDTABLE

3:35 Robotics and Future Directions          J. Scott Magnuson, M.D.
4:00 Radiation and CRT Following Transoral Surgery:
State of the Art          Harry Quon, M.D.
4:25 Expanding TOS through Education and Research    Chris Holsinger, M.D.
4:50 3D Reconstruction          David G. Lott, M.D.
5:15 Adjourn

Program schedule is subject to change without notice.
TRANSMORAL SURGERY FOR HEAD AND NECK CANCER
An optional cadaveric hands-on workshop will provide participants with opportunities to perform various transoral procedures with laser technologies and delivery systems. Renowned faculty will emphasize fundamental transoral anatomy, microsurgical techniques, and wound exposure, as well as other transoral techniques. Roundtrip transportation from the Residence Inn Phoenix Desert View at Mayo Clinic to the Center for Procedural Innovation will be provided. Space is limited. Pre-registration is required.

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

• Practice instrumentation in fresh cadaveric models the use of the micromanipulator and laser fiber delivery systems.
• Demonstrate basic understanding of “inside-out” endoscopic surgical anatomy.

Saturday, February 25, 2017 – OPTIONAL WORKSHOP

AM WORKSHOP

6:30 a.m. Transportation departs Residence Inn Phoenix Desert View at Mayo Clinic
7:00 Registration and Continental Breakfast
7:30 Introduction and Overview of Workshop
Michael L. Hinni, M.D. and Bruce H. Haughey, M.B.Ch.B.
8:00 Hands-On Laboratory
Bruce H. Haughey, M.B.Ch.B., Richard E. Hayden, M.D., Michael L. Hinni, M.D., Chris Holsinger, M.D., David G. Lott, M.D., J. Scott Magnuson, M.D., Eric J. Moore, M.D., Harry Quon, M.D., and Jason T. Rich, M.D.
9:45 Break
10:00 Hands-On Laboratory
Bruce H. Haughey, M.B.Ch.B., Richard E. Hayden, M.D., Michael L. Hinni, M.D., Chris Holsinger, M.D., David G. Lott, M.D., J. Scott Magnuson, M.D., Eric J. Moore, M.D., Harry Quon, M.D., and Jason T. Rich, M.D.
12:30 p.m. Closing Comments, Conclusions of Formal Curriculum, and Evaluation
Michael L. Hinni, M.D.
12:45 Adjourn
1:00 Return Transportation to Residence Inn Phoenix Desert View at Mayo Clinic

PM WORKSHOP (if AM WORKSHOP is fully subscribed)

12:30 p.m. Transportation departs Residence Inn Phoenix Desert View at Mayo Clinic
1:00 Registration and Lunch
1:30 Introduction and Overview of Workshop
Michael L. Hinni, M.D. and Bruce H. Haughey, M.B.Ch.B.
2:00 Hands-On Laboratory
Bruce H. Haughey, M.B.Ch.B., Richard E. Hayden, M.D., Michael L. Hinni, M.D., Chris Holsinger, M.D., David G. Lott, M.D., J. Scott Magnuson, M.D., Eric Moore, M.D., Harry Quon, M.D., and Jason T. Rich, M.D.
3:45 Break
4:00 Hands-On Laboratory
Bruce H. Haughey, M.B.Ch.B., Richard E. Hayden, M.D., Michael L. Hinni, M.D., Chris Holsinger, M.D., David G. Lott, M.D., J. Scott Magnuson, M.D., Eric J. Moore, M.D., Harry Quon, M.D., and Jason T. Rich, M.D.
6:30 Closing Comments, Conclusion of Formal Curriculum and Evaluation
Michael L. Hinni, M.D.
6:45 Adjourn
7:00 Return Transportation to Residence Inn Phoenix Desert View at Mayo Clinic
Faculty

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FACULTY DISCLOSURE: As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, 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 also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in the course materials so those participants in the activity may formulate their own judgments regarding the presentation.

NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM: Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).