Minimally Invasive Approaches to the Management of Esophageal Cancer
December 11-12, 2014 • Pittsburgh, Pennsylvania

Course Directors

James D. Luketich, MD, FACS
Henry T. Bahnson Professor of Cardiothoracic Surgery
Chairman, Department of Cardiothoracic Surgery
Chief, Division of Thoracic and Foregut Surgery

Inderpal Sarkaria, MD, FACS
Vice Chairman, Clinical Affairs
Director, Thoracic Robotic Surgery
Co-Director, Esophageal and Lung Surgery Institute

Jonathan D'Cunha, MD, PhD, FACS
Vice Chairman, Academic Affairs
Associate Professor of Cardiothoracic Surgery
Associate Director, Lung Transplantation

Katie S. Nason, MD, MPH, FACS
Assistant Professor of Cardiothoracic Surgery
Associate Director, Cardiothoracic Research Program

Visiting Faculty

Nabil Pierre Rizk, MD, FACS
Associate Thoracic Attending, Memorial Sloan-Kettering Cancer Center
Director of the Memorial Sloan-Kettering Esophagus Cancer Database

Yelena Y. Janjigian, MD
Assistant Attending Physician, Medical Oncologist
Gastrointestinal Oncology Service, Memorial Sloan-Kettering Cancer Center

Ninh Tuan Nguyen, MD
Vice Chair, Surgery, School of Medicine
Chief of Gastrointestinal Division, Surgery, School of Medicine
Interim Chief of Surgical Oncology Division, Surgery, School of Medicine
Professor, Surgery, School of Medicine
University of California Irvine Health
Day Two of this course will be an Observation of Live Surgery. The following procedures may be included, pending operating room schedules:

- Minimally Invasive Ivor Lewis Esophagectomy
- Robotic Assisted Minimally Invasive Esophagectomy
- Revision of Esophageal Conduit
- Endoscopic Mucosal Resection and Radiofrequency Ablation

See schedule on page 5 of this brochure for more information.

Registration Information
Registration for this course will be accepted as long as space is available, so register early. Registering online is the quickest and easiest way to reserve your space at this conference:

1. Visit our online registration site at: https://ccehs.upmc.com/home.jsf.
2. Click on “Upcoming Events.”
4. Click the Registration button and enter all the requested information.
5. After registering, an electronic confirmation will be sent to the email address you provided during registration.

Please note: Registration is not complete until you receive the confirmation email. If you do not receive this email within 5-7 days of registration please contact us at 412-648-6342. You must bring the confirmation with you to the conference.

Registration by Fax or Postal Mail
If you are unable to register online, please contact Victoria Willman at 412-648-6342 for a paper registration form. Registration forms must be completed and returned to address below.

**Registration is not accepted without payment**

Cancellation
All cancellations must be in writing and sent to us via U.S. mail, e-mail, or fax (see contact information below). Tuition for cancellations postmarked or date stamped before November 28, 2014 will be refunded in full. After November 28, 2014, a $75 administrative fee will be assessed, the remaining amount refunded, and no refunds will be made after December 5, 2014. Cancellation requests can be sent to address at the bottom of this page.

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund all registration fees.

Registration Fees
$300 Outside physicians
$150 Outside residents, nurses, and other healthcare professionals
$250 Alumni
Fee waived for all UPMC employees

Registration fee includes:
- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments, lunch, and course dinner

Course Dinner
Thursday, December 11, 2014 – The University Club, 123 University Place, Pittsburgh, PA, 15260
412-648-8213
- Technology Display and Exhibitor Fair: 5:30 p.m. to 6:30 p.m.
- Course Dinner: 6:30 p.m. Please RSVP for Course Dinner when registering.

Special Needs
Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs by November 28, 2014 by calling 412-648-6342.

Contact Information:
Victoria Willman
UPMC Presbyterian
The Department of Cardiothoracic Surgery
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Assistant Professor of Cardiothoracic Surgery
Associate Director, Cardiothoracic Research Program

The University of Pittsburgh Faculty

Omar Awaïs, DO
Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, UPMC Mercy

Neil A. Christie, MD
Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, UPMC Shadyside

Ryan M. Levy, MD
Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, UPMC Passavant

David D. Odell, MD, MMSc
Assistant Professor of Cardiothoracic Surgery

Savreet Sarkaria, MD
Associate Clinical Professor of Gastroenterology
Division of Gastroenterology, Hepatology, and Nutrition
UPMC Presbyterian-Shadyside

Manisha Shende, MD
Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, UPMC Hamot

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The University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences

The University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences invites you to visit our website where you can receive information on upcoming programs.

Visit the Center for Continuing Education in the Health Sciences website at: https://ccehs.upmc.com.

The University of Pittsburgh is an affirmative action, equal opportunity institution.

Faculty are affiliated with the University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, unless noted otherwise. All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

Intent and Objectives

The two-day program will consist of a series of lectures, as well as live case demonstrations, highlighting the surgical management of esophageal cancer, including the role of esophageal surgeons in the use of endoscopic and robotic therapies. With world-renowned guest speakers and our own experts, we will cover the full spectrum of topics, including surgery, induction therapy, targeted chemotherapy, endoscopic therapy, clinical and molecular risk stratification, and the importance of lymph node dissection. Experts on the subject will present technical aspects of various esophageal procedures, along with risks, benefits, and outcomes. Because of our expertise with minimally invasive esophagectomy, we will be highlighting the indications, outcomes, and technical aspects of that operation.

Who Should Attend

This course is designed for general and thoracic surgeons, gastroenterologists, minimally invasive team members (MD, DO, RN, PA, NP), allied health professionals, and any interested medical, radiation, or surgical oncology specialists.

Meeting Locations

December 11:
Herberman Conference Center
UPMC Shadyside
5230 Centre Ave.
Pittsburgh, PA 15232

December 12:
Charles G. Watson Surgical Education Center
UPMC Presbyterian, Suite F-600
200 Lothrop St.
Pittsburgh, PA 15213

Continuing Education Credit

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 14.75 AMA PRA Category 1 Credit(s) ™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.4 continuing education units (CEU’s) which are equal to 14.7 contact hours.

Accommodations

For hotel reservations, contact the Hilton Garden Inn- University Place Hotel and ask for the UPMC Cardiothoracic Surgery Department - Minimally Invasive Approaches to the Management of Esophageal Cancer Room Block. Reference Code: MiN.

Hilton Garden Inn- University Place
University Place, 3454 Forbes Ave.
Pittsburgh, PA 15213
Phone: 412-688-1991
### Thursday, December 11, 2014

**Herberman Conference Center, UPMC Shadyside Hospital**

**7:30 a.m.**  
Registration and Breakfast

**8:10 a.m.**  
Welcome and Introduction  
*James D. Luketich, MD, FACS*

**8:20 a.m.**  
Minimally Invasive Esophagectomy: Outcomes Analysis from Over 1000 Cases  
*James D. Luketich, MD, FACS*

### Session I: Controversies in the Surgical Management of Esophageal Cancer

**9 a.m.**  
Management of Early Stage Esophageal Cancer  
**Endoscopic Management is the New Gold Standard**  
*Savreet Sarkaria, MD*

**Surgery Remains the Primary Modality for Treatment**  
*Neil A. Christie, MD*

**9:45 a.m.**  
Induction Therapy for Advanced Stage Esophageal Cancer  
**Induction Chemoradiation is the New Gold Standard**  
*Yelena Y. Janjigian, MD*

**Surgery +/- Chemotherapy is Sufficient — There is No Role for Radiation**  
*Jonathan D'Cunha, MD, PhD, FACS*

**10:30 a.m.**  
The Role of Lymphadenectomy  
**Lymphadenectomy is Vital to Outcome and is Improved with MIE**  
*Nabil Pierre Rizk, MD, FACS*

**Limited Lymphadenectomy is Sufficient**  
*David D. Odell, MD, MMSc*

**11:15 a.m.**  
Staging for Esophageal Adenocarcinoma  
**EUS and Staging Laparoscopy are Vital Pre-Operative Assessments**  
*Katie S. Nason, MD, MPH, FACS*

**EUS and Staging Laparoscopy Have Limited or no Usefulness in Staging**  
*Nabil Pierre Rizk, MD, FACS*

**12 p.m.**  
Lunch and Round Table Discussion

**12:30 p.m.**  
Lunch and Video Vignettes: Technical Challenges in MIE  
*Ninh Tuan Nguyen, MD*

**Examples may include:**
- Robotic Assisted MIE Conduit Formation
- Robotic Assisted MIE Replaced Left Hepatic Artery Preservation
- MIE Anastomotic Technique
- Advanced Imaging in Minimally Invasive Esophageal Surgery

### Session II: Controversies in Surgical Management of Esophageal Cancer II

**1 p.m.**  
Pyloroplasty during Minimally Invasive Esophagectomy  
**Pyloroplasty is Absolutely Necessary and Crucial to Optimal Outcomes**  
*Nabil Pierre Rizk, MD, FACS*

**Pyloroplasty is Unnecessary and Impairs QOL**  
*Omar Awais, DO*

**1:45 p.m.**  
Robotic Assisted Minimally Invasive Esophagectomy (RAMIE)  
**RAMIE is the Emerging State of the Art in Esophageal Cancer Surgery**  
*Indrapal Sarkaria, MD, FACS*

**RAMIE is a Dead-End Technology**  
*Ryan M. Levy, MD*

**2:30 p.m.**  
Round Table Discussion

**2:40 p.m.**  
Break

### Session III: Controversies in Management of Complications after Esophagectomy

**3 p.m.**  
Anastomotic Leak  
**Stents are Primary Therapy for Esophageal Leaks**  
*Ninh Tuan Nguyen, MD*

**There is No Role for Stenting Esophageal Leaks**  
*Katie Nason, MD, MPH, FACS*

**3:45 p.m.**  
Severe Delayed Gastric Emptying and Gastroparesis after Esophagectomy  
**Conduit Revision is the Gold Standard**  
*Manisha Shende, MD*

**There is No Role for Re-Operation for Conduit Dysfunction Post-Esophagectomy**  
*Nabil Pierre Rizk, MD, FACS*

**4:30 p.m.**  
Round Table Discussion

**4:40 p.m.**  
Thursday Afternoon Adjournment  
*James D. Luketich, MD, FACS; Inderpal Sarkaria, MD, FACS; Jonathan D'Cunha, MD, PhD, FACS*

**5:30 p.m.**  
Technology Displays at The University Club

**6:30 p.m.**  
Course Dinner at The University Club (included)

### Friday, December 12, 2014

**Charles G. Watson Surgical Education Center, UPMC Presbyterian Hospital**

**7:30 a.m.**  
Registration and Breakfast

**8 a.m.**  
Broadcast of Live Surgery and 1 Hour Wet Lab  
**Moderator: Katie S. Nason, MD, MPH, FACS**

- Minimally Invasive Ivor Lewis Esophagectomy
- Robotic Assisted Minimally Invasive Esophagectomy
- Revision of Esophageal Conduit
- Endoscopic Mucosal Resection and Radiofrequency Ablation  
  *Pending operating room schedules*

**11:45 a.m.**  
Lunch

**12 p.m.**  
Resume Moderation of Live Surgery  
*James D. Luketich, MD, FACS; Inderpal Sarkaria, MD, FACS; Jonathan D'Cunha, MD, PhD, FACS*

**3 p.m.**  
Closing Remarks and Questions

**3:30 p.m.**  
Conference Adjournment