The Department of Cardiothoracic Surgery Presents:
Minimally Invasive Approaches to the Management of Esophageal Cancer

Wednesday, December 7, 2016 – Friday, December 9, 2016

Day 1: Peter M. Winter Institute for Simulation, Education, and Research (WISER)
Day 2: Thomas E. Starzl Biomedical Science Tower
Day 3: Charles G. Watson Center for Surgical Education

Presented by
University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences
UPMC Department of Cardiothoracic Surgery

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
Chief, Division of Lung Transplantation/Lung Failure

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

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

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

Visiting Faculty
Wayne Hofstetter, MD
Deputy Chair and Professor, Department of Thoracic and Cardiovascular Surgery, Division of Surgery
Director, Esophageal Surgery Program, Department of Thoracic and Cardiovascular Surgery, Division of Surgery – Research
The University of Texas MD Anderson Cancer Center
Houston, Texas

Michael Gibson, MD, PhD
Associate Professor of Medicine, Case Western Reserve University School of Medicine
Medical Director, Head and Neck Team, University Hospitals Seidman Cancer Center
Cleveland, OH

International UPMC Faculty
Alessandro Bertani, MD
Chief, Division of Thoracic Surgery and Lung Transplantation
ISMETT-UPMC Italy (Palermo)
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 at https://ccehs.upmc.com/home.jsf
2. Click on “Upcoming Events”.
4. Click the Registration button and enter all requested information.
5. After registering, an electronic confirmation will be sent to the e-mail 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 confirmation with you to the conference.

Registration by Fax of Postal Mail

If you are unable to register online, please contact Angela Kinnunen at 412-648-6342 for a paper registration form. Registration forms must be completed and returned to the 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, 2016 will be refunded in full. After November 28, 2016, a $75 administrative fee will be assessed, the remaining amount will be refunded. No refunds will be made after December 5, 2016.

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
- $50 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 8 – The Fox Chapel Golf Club, 426 Fox Chapel Rd, Pittsburgh, PA 15238
Technology Displays, Cocktail Hour and Course Dinner: 5:30-9:30 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, 2015 by calling 412-648-6342.

Course Contact Information:

Angela Kinnunen
UPMC Presbyterian
The Department of Cardiothoracic Surgery
200 Lothrop Street, Suite C-903
Pittsburgh, PA 15213
Phone: 412-648-6342
Fax: 412-648-6358
Email: CTSurgCME@upmc.edu

Intent and Objectives

This three-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
Peter M. Winter Institute for Simulation, Education, and Research
230 McKee Place, #300
Pittsburgh, PA 15213

Thomas E. Starzl Biomedical Science Tower
UPMC Presbyterian, Room S-120
200 Lothrop Street
Pittsburgh, PA 15213

Charles G. Watson Surgical Education Center
UPMC Presbyterian, Suite F-600
200 Lothrop Street
Pittsburgh, PA 15213

Course Agenda
Wednesday, December 7th, 2016
Peter M. Winter Institute for Simulation, Education and Research (WISER)
Third Floor, #300

5:00 p.m. Registration, Light Snack and Coffee at WISER

5:30 p.m. Hands-On Minimally Invasive Esophagectomy Wet Lab
Katie S. Nason, MD, MPH, FACS and Rajeev Dhupar, MD, MBA

8:00 p.m. Wednesday Evening Adjournment

Thursday, December 9th, 2016
Thomas E. Starzl Biomedical Science Tower
Room S-120

7:30 a.m. Registration and Breakfast

8:00 a.m. Welcome and Introduction
James D. Luketich, MD, FACS

Session I: Chairman and Keynote Addresses:
Chairman's Address:
8:10 a.m. Minimally Invasive Esophagectomy: Outcomes Analysis from Over 1,000 Cases
James D. Luketich, MD, FACS

Keynote Addresses:
9:00 a.m. Lymphadenectomy for Esophageal Cancer: The MD Anderson Perspective
Wayne Hofstetter, MD

9:45 a.m. A Critical Analysis: Chemotherapy vs. Chemo Radiation
Michael Gibson, MD, PhD

10:30 a.m. Coffee Break

Session II: Debates in Surgical Management of Esophageal Cancer
10:45 a.m. Management of Early Stage Esophageal Cancer
Endoscopy is the New Standard
Katie S. Nason, MD, MPH, FACS

Surgery Remains the Gold Standard
Neil A. Christie, MD

11:30 a.m. Surgical Approach: Minimally Invasive vs. Open Esophagectomy
Open is Equivalent to MIE
Wayne Hofstetter, MD

MIE Is Superior
James D. Luketich, MD, FACS

12:15 p.m. Lunch and Complex Case Discussion
Nicholas Baker, MD; Neha Reddy, MD; Manuel Villa Sanchez, MD

Section III: Technical Aspects of MIE
1:00 p.m. Minimally Invasive Pyloroplasty
Lawrence Crist, DO, MBA

1:15 p.m. Minimally Invasive Anastomosis
Manisha Shende, MD

1:30 p.m. Robotic Esophagectomy
Inderpal Sarkaria, MD, FACS

1:45 p.m. Minimally Invasive Gastric Conduit Formation
Ryan M. Levy, MD

2:00 p.m. Coffee Break
**Section IV: Management of Complications**

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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>2:15 p.m.</td>
<td>Paraconduit Hernias</td>
<td>Jonathan D'Cunha, MD, PhD, FACS</td>
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<td>2:30 p.m.</td>
<td>Conduit Revision</td>
<td>Omar Awais, DO</td>
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<td>2:45 p.m.</td>
<td>Anastomatic Leak</td>
<td>Rajeev Dhupar, MD, MBA</td>
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<td>3:00 p.m.</td>
<td>Complex Airway Injury and Fistula</td>
<td>Arjun Pennathur, MD</td>
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<td>3:15 p.m.</td>
<td>Palermo MIE Experience</td>
<td>Alessandro Bertani, MD</td>
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<td>3:45 p.m.</td>
<td>Round Table Discussion</td>
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<td>4:15 p.m.</td>
<td>Thursday Afternoon Adjournment</td>
<td>James D. Luketich, MD, FACS;</td>
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<td>Inderpal Sarkaria, MD, FACS; and</td>
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<td>Jonathan D'Cunha, MD, PhD, FACS</td>
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**Thursday evening:**

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<tr>
<td>5:30 p.m.</td>
<td>Technology Displays, Cocktail Hour and Course Dinner</td>
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<td>Presentation of the Chairman’s Award</td>
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<td>The Fox Chapel Golf Club</td>
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<td>426 Fox Chapel Road, Pittsburgh, PA 15238</td>
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<tr>
<td>9:30 p.m.</td>
<td>Evening Adjournment</td>
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**Friday, December 9th, 2016**

Charles G. Watson Surgical Education Center, Presbyterian Hospital

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<tr>
<td>7:30 a.m.</td>
<td>Registration and Breakfast</td>
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<td>8 a.m.</td>
<td>Broadcast of Live Surgery</td>
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<td>Moderator: Katie S. Nason, MD, MPH, FACS</td>
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<td>Possible Case Observations Including</td>
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<td>(Dependent Upon OR Schedule):</td>
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<td></td>
<td>- Minimally Invasive Esophagectomy</td>
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<td>- Robotic Assisted Minimally Invasive Esophagectomy</td>
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<td>11:45 a.m.</td>
<td>Lunch</td>
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<td>12 p.m.</td>
<td>Resume Moderation of Live Surgery</td>
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<td>3 p.m.</td>
<td>Closing Remarks and Questions</td>
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<td>3:30 p.m.</td>
<td>Conference Adjournment</td>
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