



THE DEPARTMENT OF CARDIOTHORACIC SURGERY PRESENTS:  
**MINIMALLY INVASIVE APPROACHES TO THE  
MANAGEMENT OF ESOPHAGEAL CANCER**

*December 17–18, 2020 | A virtual educational event via Microsoft Teams  
featuring didactic sessions and broadcast of live surgery*

**PRESENTED BY**

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

**UPMC COURSE DIRECTORS**

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**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 S. Sarkaria, MD, FACS**

Vice Chairman, Clinical Affairs  
Director, Thoracic Robotics  
Co-Director, Esophageal and Lung Surgery Institute

**Ryan M. Levy, MD**

Chief, Thoracic Surgery, UPMC Passavant  
Vice Chairman, Community Outreach and Thoracic Expansion  
Assistant Professor of Cardiothoracic Surgery

**Omar Awais, DO**

Assistant Professor of Cardiothoracic Surgery  
Chief, Thoracic Surgery, UPMC Mercy

**Rajeev Dhupar, MD, MBA**

Assistant Professor of Cardiothoracic Surgery  
Chief, Thoracic Surgery, VA Pittsburgh Healthcare System

**INVITED FACULTY**

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**Prasad S. Adusumilli, MD, FACS**

Deputy Chief and Attending, Thoracic Service  
Vice Chair for Translational Research, Department of Surgery  
Co-Director, Mesothelioma Program; Head, Solid Tumors  
Cell Therapy, Cellular Therapeutics Center  
Memorial Sloan Kettering Cancer Center

**Virginia R. Litle, MD**

Chief, Thoracic Surgery  
Professor of Surgery, Boston University School of Medicine  
Director, Center of Minimally Invasive Esophageal Therapies  
Director, Barrett's Esophageal Program  
Director, Thoracic Surgery Clinical Research  
Boston Medical Center

**Ninh Nguyen, MD**

John E. Connolly Professor of Surgery  
Chairman, Department of Surgery  
Chief, Division of Gastrointestinal Surgery  
Associate Director, H.H. Chao Comprehensive Digestive  
Disease Center  
University of California, Irvine School of Medicine

## INTENT AND OBJECTIVES

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This two-day program virtual educational event will consist of a series of lectures and live case demonstrations. Didactic sessions will include keynote addresses from world-renowned experts on esophageal cancer, debates in cutting-edge aspects of surgical management, and exploration of multimodal therapies. Experts will present technical aspects of various procedures to treat malignant esophageal conditions, along with the risks, benefits and outcomes. In addition, course attendees will have the opportunity to observe minimally invasive and robotic-assisted minimally invasive esophagectomies in an environment ideal for discussion and sharing of technical pearls at the virtual broadcast of the live surgery.

## WHO SHOULD ATTEND

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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.

## COURSE CONTACT INFORMATION

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### Angela E. Kinnunen, MPA

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## REGISTRATION FEES

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Attendings, Full Course: ..... **\$100**  
Trainees, Full Course: ..... **Fee Waived**  
Allied Health Professionals and other  
Non-Physicians: ..... **\$30**  
UPMC and University of Pittsburgh  
Employees: ..... **Fee waived**

## Thursday, Dec. 17, 2020

Didactic Sessions | Microsoft Teams

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**7:30 a.m. Microsoft Teams Log-In**

**8 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*

**9 a.m. Current Research and Emerging Trends in Esophageal Cancer**  
*Prasad Adusumilli, MD, FACS*

**9:30 a.m. Morning Break**

**9:45 a.m. Perioperative Management of Esophageal Cancer Patients: ERAS and Prehab**  
*Virginia R. Litle, MD*

**10:15 a.m. New Minimally Invasive Anastomotic Techniques**  
*Ninh Nguyen, MD*

**10:45 a.m. Keynote Lectures Discussion**  
*Moderated By: James D. Luketich, MD, FACS and Inderpal S. Sarkaria, MD, FACS*

#### Technical Aspects of MIE:

**11 a.m. Minimally Invasive Pyloroplasty**  
*Virginia R. Litle, MD*

**11:20 a.m. Minimally Invasive Gastric Conduit Formation**  
*Ryan M. Levy, MD*

**11:40 a.m. Technical Aspects of Robotic Esophagectomy**  
*Inderpal S. Sarkaria, MD, MBA, FACS*

**12 p.m. Technical Aspects of MIE Discussion**  
*Moderated By: James D. Luketich, MD, FACS and Inderpal S. Sarkaria, MD, FACS*

**12:15 p.m. Lunch**

**1 p.m. Management of Early Stage Esophageal Cancer**  
*Prasad Adusumilli, MD, FACS*

#### Management of Complications:

**1:20 p.m. Paraconduit Hiatal Hernia Repair After Esophagectomy**  
*Ninh Nguyen, MD*

**1:40 p.m. Conduit Revision**  
*Omar Awais, DO*

**2 p.m. Afternoon Break**

**2:10 p.m. Anastomatic Leak**  
*Neil A. Christie, MD*

**2:30 p.m. Complex Airway Injury and Fistula**  
*Arjun Pennathur, MD, FACS*

**2:50 p.m. Management of Complications Discussion**  
*Moderated By: James D. Luketich, MD, FACS and Inderpal S. Sarkaria, MD, FACS*

### Presentation of Cases for Live Surgery

**3:05 p.m. Case Presentation**  
*Ernest G. Chan, MD, MPH*  
*Integrated Resident, PGY4*

*Nicholas R. Hess, MD*  
*Integrated Resident, PGY4*

*Keith A. Dufendach, MD*  
*Integrated Resident, PGY4*

*Daniel Neto, MD*  
*Advanced Minimally Invasive Thoracic Surgery Fellow*

*Dongning Zhang, MD*  
*Integrated Resident, PGY4*

**3:30 p.m. Didactic Session Adjournment**

**4 p.m. Virtual Cocktail Hour and Exhibitor Tech Fair**

**7 p.m. Conclusion of Virtual Cocktail Hour and Exhibitor Tech Fair**

## Friday, Dec. 18, 2020

Microsoft Teams

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**7:30 a.m. Microsoft Teams Log-In**

**8 a.m. Broadcast of Live Surgery**  
*Moderator: Tadeuz Witek, MD*  
– Minimally Invasive Esophagectomy  
– Robotic Assisted Minimally Invasive Esophagectomy

**3 p.m. Closing Remarks and Questions**  
*Tadeuz Witek, MD*

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

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## UPMC FACULTY

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### **Neil A. Christie, MD**

Associate Professor of Cardiothoracic Surgery  
Chief, Thoracic Surgery, UPMC Shadyside  
Department of Cardiothoracic Surgery

### **Arjun Pennathur, MD, FACS**

Sampson Family Endowed Chair in  
Cardiothoracic Surgery  
Associate Professor of Cardiothoracic Surgery

### **Tadeusz Witek, MD**

Assistant Professor of Cardiothoracic Surgery  
Department of Cardiothoracic Surgery

## FACULTY DISCLOSURES

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All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

## The following relevant financial relationships were disclosed:

### **James D. Luketich, MD:**

Consultant: Medtronic  
CE Speaker's Bureau: Covidien  
Stockholder: Intuitive Surgical, Inc.  
Stockholder: Cigna Corp  
Stockholder: Proctor & Gamble

### **Prasad Adusumilli, MD:**

Grant/Research Support: ATARA Biotherapeutics  
Consultant: ATARA Biotherapeutics  
Other: Patents, royalties and intellectual property on mesothelin-targeted CARs, method for detection of cancer cells using virus; and pending patent applications on other T cell therapies

### **Nihn Nguyen, MD:**

CE Speaker's Bureau: Olympus  
CE Speaker's Bureau: Endogastric Solutions

### **Inderpal S. Sarkaria, MD:**

Grant/Research Support: On Target Laboratories  
Consultant: Intuitive Surgical, Inc.  
Consultant: Cambridge Medical Robotics  
Consultant: Auris Medical

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Veran Medical Technologies

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In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### **Physician (CME)**

The University of Pittsburgh designates this live activity for a maximum of 13.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **Nursing (CNE)**

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### **Physician Assistant (AAPA)**

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### **Other Healthcare Professionals**

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

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