

# Minimally Invasive Approaches to the Management of Achalasia and Other Benign Esophageal Diseases



**New for 2020:**  
Fully Virtual  
Format: Didactic  
and Live Surgery

Thursday, July 16 to  
Friday, July 17, 2020

**Sponsored by:**

University of Pittsburgh  
School of Medicine

Center for Continuing  
Education in the  
Health Sciences

The Department of  
Cardiothoracic Surgery

## University of Pittsburgh 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 S. Sarkaria, MD, MBA, FACS**

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

### **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

### **Rajeev Dhupar, MD, MBA**

Assistant Professor of Cardiothoracic Surgery  
Chief, Thoracic Surgery, VAMC of Pittsburgh

## Visiting Faculty

### **Edward Cheong, BSc(Hons), MD, FRCS(Eng)**

Minimally Invasive Esophageal and Gastric Surgeon  
Norfolk and Norwich University Hospitals  
NHS Foundation Trust  
Norwich, United Kingdom

### **Jari Räsänen, MD**

Adjunct Professor, Helsinki University Hospital  
Chief, General Thoracic Surgery, Helsinki Heart  
and Lung Center  
Helsinki University Hospital  
Helsinki, Finland

## Intent and Objectives

This two-day conference aims to expand clinical knowledge regarding treatment of benign esophageal diseases, including gastroesophageal reflux disease (GERD), achalasia, paraesophageal hernia, Zenker's Diverticulum, and Barrett's esophagus. Furthermore, this course strives to improve technical knowledge and skill in surgical treatment of benign esophageal disease, focusing on surgical interventions such as nissen fundoplication, heller myotomy, minimally invasive repair of paraesophageal hernias, LINX implantation, per oral endoscopic myotomy, and re-operative surgery. These educational goals are met through interactive didactic sessions featuring world-renowned experts, as well as an interactive broadcast of live surgery featuring interactive question and answer sessions.

## Who Should Attend

This course is designed for general and thoracic surgery attendings and trainees, gastroenterologists, minimally invasive team members (MD, DO, RN, PA, NP), allied health professionals, and any other interested medical healthcare professionals, researchers, and students.

## Registration Information

To register for this virtual conference, please contact Angela Kinnunen at [kinnunae@upmc.edu](mailto:kinnunae@upmc.edu) or 412-770-4949, or visit [UPMC.com/BenignEsophagealConference](http://UPMC.com/BenignEsophagealConference).

## Registration Fees

Attendings physicians: \$50  
CRNP, PA, RN, and other health care professionals: \$25  
Students and trainees: Fee waived  
UPMC and University of Pittsburgh employees: Fee waived

## Conference Contact

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412-770-4949

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412-864-1633

## Thursday, July 16

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- 7:00 a.m. **Welcome and Introduction**  
*James D. Luketich, MD, FACS*  
**Chairman's Address**
- 7:05 a.m. **Building an Esophageal Surgery Center of Excellence: Introducing New Technologies and the Process of Continuous Innovation**  
*James D. Luketich, MD, FACS*

### Session I: Gastro-esophageal Reflux Disease and Anti-Reflux Surgery

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- 7:30 a.m. **Nissen and Partial Fundoplication for GERD**  
*Inderpal S. Sarkaria, MD, MBA, FACS*
- 7:50 a.m. **Re-Do Nissen**  
*Edward Cheong, BSc(Hons), MD, FRCS(Eng)*
- 8:10 a.m. **Endoluminal Treatment for GERD**  
*Matthew J. Schuchert, MD*
- 8:30 a.m. **GERD and the Transplant Patient Population**  
*Pablo Sanchez, MD, PhD, FACS*
- 8:50 a.m. **When to Consider Roux-en-Y in Treatment of GERD**  
*Omar Awais, DO*
- 9:10 a.m. **LINX Implantation for Reflux Management**  
*James D. Luketich, MD, FACS*
- 9:40 a.m. **Break**

### Session III: Paraesophageal Hernia

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- 10:00 a.m. **Quality of Life after Laparoscopic Repair of Giant Paraesophageal Hernia**  
*Jari Räsänen, MD*
- 10:30 a.m. **Surgical Principles of Giant Paraesophageal Hernia Repair: Robotic vs. Laparoscopic Approach**  
*Inderpal S. Sarkaria, MD, MBA, FACS*
- 10:50 a.m. **Mesh or No Mesh in Paraesophageal Hernia Repair**  
*Edward Cheong, BSc(Hons), MD, FRCS(Eng)*
- 11:20 a.m. **Break for Lunch**
- 12:00 p.m. **End of Lunch Break**

### Session III: Achalasia

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- 12:00 p.m. **High-Resolution Manometry and Work-Up of Achalasia**  
*Rajeev Dhupar, MD, MBA*
- 12:20 p.m. **Surgery for Achalasia: Review of Open and Laparoscopic Results**  
*Jari Räsänen, MD*
- 12:40 p.m. **Peroral Endoscopic Myotomy (POEM)**  
*James D. Luketich, MD, FACS and Inderpal S. Sarkaria, MD, MBA, FACS*

### Session IV: Other Benign Esophageal Disorders

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- 1:10 p.m. **Management of Zenker's Diverticulum**  
*Ryan M. Levy, MD*
- 1:30 p.m. **Esophageal Perforation**  
*Manuel Villa Sanchez, MD*
- 1:50 p.m. **Caustic Injuries**  
*Manisha Shende, MD*
- 2:10 p.m. **Open Discussion**
- 2:30 p.m. **Day 1 Adjournment**

## Friday, July 17: Live Surgery

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- 8:30 a.m. **Welcome and Introduction**
- 9:00 a.m. **Broadcast of Live Surgery**  
*Rajeev Dhupar, MD, MBA, FACS*  
**Cases:**
- Giant Paraesophageal Hernia
  - POEM
  - Re-do Nissen
  - LINX Implantation
- Note: Schedule subject to change per operating room schedule.*
- 2:30 p.m. **Live Surgery and Conference Adjournment**

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### **Manuel Villa Sanchez, MD**

Associate Professor of Cardiothoracic Surgery

### **Matthew J. Schuchert, MD**

Associate Professor of Cardiothoracic Surgery, UPMC  
Program Director, Thoracic Surgery Residency &  
Fellowship Program

### **Manisha Shende, MD**

Associate Professor of Cardiothoracic Surgery  
Chief, Thoracic Surgery, UPMC Hamot

Faculty are affiliated with the University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, unless noted otherwise.

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This activity is approved for the following credit:  
*AMA PRA Category 1 Credit™.*

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