

The Department of Cardiothoracic Surgery Presents:

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

June 9-10, 2021

via Microsoft Teams



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

## UPMC COURSE DIRECTORS

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

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Chief, Division of Thoracic and Foregut Surgery  
UPMC Department of Cardiothoracic Surgery*

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*Assistant Professor of Cardiothoracic Surgery  
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## VISITING FACULTY

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*Tawil Family Endowed Chair in Thoracic Surgery  
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Vice Chairman, Department of Surgery - Clinical Outreach  
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## UNIVERSITY OF PITTSBURGH FACULTY

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Chief, Thoracic Surgery, UPMC Shadyside*

### **Pablo G. Sanchez, MD, PhD, FACS**

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*Associate Professor of Cardiothoracic Surgery  
Program Director, Thoracic Surgery Independent Fellowship  
and Integrated Residency Programs  
Department of Cardiothoracic Surgery*

## INTENT AND OBJECTIVES

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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

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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 health care professionals, researchers, and students.

## Wednesday, June 9, 2021

*Live Surgery*

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### 8:30 a.m.

Welcome and Introduction

*Tadeusz D. Witek, MD*

### 9 a.m.

Broadcast of Live Surgery

*Tadeusz D. Witek, MD*

**\*\*Schedule subject to change per operating room schedule**

### 3:30 p.m.

Adjournment

## Thursday, June 10, 2021

*Didactic Sessions*

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### 7 a.m.

Welcome and Introduction

*James D. Luketich, MD, FACS*

### 7:05 a.m.

Chairman's Address: Building an Esophageal Surgery Center of Excellence: Introducing New Technologies and the Process of Continuous Innovation

*James D. Luketich, MD, FACS*

### 7:45 a.m.

Guest Keynote Address: Current Status and Future of Robotics in Benign Foregut Surgery

*Daniel S. Oh, MD*

### 8:30 a.m.

Guest Keynote Address: Building the Cedars-Sinai Benign Robotic Foregut Practice: All in Or Nothing

*Harmik J. Soukiasian, MD, FACS*

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

#### 9:15 a.m.

Nissen and Partial Fundoplication for GERD

*Neil A. Christie, MD*

#### 9:35 a.m.

Endoluminal Treatment for GERD

*Matthew J. Schuchert, MD, FACS*

#### 9:55 a.m.

GERD and the Transplant Patient Population

*Pablo G. Sanchez, MD, PhD, FACS*

#### 10:15 a.m.

Surgical Options for Redo Anti Reflux Surgery

*Omar Awais, DO*

#### 10:35 a.m.

Q&A

*Inderpal S. Sarkaria, MD, MBA, FACS*

### Session II: Paraesophageal Hernia

#### 10:55 a.m.

Surgical Principles of Giant Paraesophageal Hernia Repair

*Inderpal S. Sarkaria, MD, MBA, FACS*

#### 11:15 a.m.

The Role of Mesh and Relaxing Incisions in Giant Paraesophageal Hernia Repair: When and Why?

*Daniel S. Oh, MD*

#### 11:35 a.m.

Q&A

*Inderpal S. Sarkaria, MD, MBA, FACS*

#### 11:45 a.m.

Break for lunch

### Session III: Achalasia

#### 12 noon

High-Resolution Manometry and Work-Up of Achalasia

*Rajeev Dhupar, MD, MBA, FACS*

#### 12:20 p.m.

Principles of Heller Myotomy and Dor Fundoplication

*Harmik J. Soukiasian, MD, FACS*

#### 12:40 p.m.

Per Oral Endoscopic Myotomy for Achalasia (POEM)

*Inderpal S. Sarkaria, MD, MBA, FACS*

#### 1 p.m.

Q&A

*Inderpal S. Sarkaria, MD, MBA, FACS*

### Session IV: Other Benign Esophageal Disorders

#### 1:10 p.m.

Management of Zenker's Diverticulum

*Ryan M. Levy, MD*

#### 1:30 p.m.

Esophageal Perforation

*Neil A. Christie, MD*

#### 1:50 p.m.

Open Discussion

*Inderpal S. Sarkaria, MD, MBA, FACS*

#### 3 p.m.

Adjournment

#### 3 - 4:30 p.m.

Virtual Exhibit Fair

## 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.

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Other: Legal Expert Witness

**Inderpal S. Sarkaria, MD, MBA, FACS:**

Grant/Research Support: Intuitive Surgical Inc.

Other: Personal Fees: On Target Laboratories,  
Cambridge Medical Robotics, Auris Medical

**Daniel S. Oh, MD:**

Medical Advisor: Intuitive Surgical Inc.

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