

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

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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 or 412-770-4949, or visit 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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Thursday, July 16

- 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

- 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

- 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

- 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

- 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

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

Continuing Education Credit

This activity has been designated for Category 1
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