



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

December 11 – 13, 2019 | Pittsburgh, PA

PRESENTED BY

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

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University Medical Center Utrecht
Utrecht, the Netherlands

Jon O. Wee, MD
Brigham and Women's Hospital
Boston, Massachusetts

NEW THIS YEAR

**Breakout Session for Advanced
Practice Providers**

WELCOME

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LEARNING OBJECTIVES

This three-day program will consist of a series of lectures, live case demonstrations, and a hands-on porcine surgical wet lab highlighting the surgical management of esophageal cancer. The surgical wet lab allows participants to gain firsthand experience with the anastomosis, pyloroplasty, and conduit creation steps of the minimally invasive esophagectomy (MIE) and robotic-assisted minimally invasive esophagectomy (RAMIE) operation. Several other technologies pushing forward the treatment of esophageal disease, including EMR, PDT, and BarrX™ RFA will also be available to wet lab participants.

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. Finally, 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 broadcast of live surgery.

WHO SHOULD ATTEND

This course is designed for general and thoracic surgeons, gastroenterologists, minimally invasive team members (MD, DO, RN, PA, NP), advanced practice providers, allied health professionals, medical students, researchers, and any interested medical, radiation, or surgical oncology specialists.

MEETING LOCATIONS

Wednesday, December 11, 2019

Peter M. Winter Institute for Simulation Education and Research (WISER)

230 McKee Place, Suite 300
Pittsburgh, PA 15213

Please meet here to begin wet lab.

UPMC Center for Advanced Robotic Training (CART) Facility

203 Lothrop St., Lobby Level
Pittsburgh, PA 15213

Group transportation will be provided to and from here for robotic portion of the lab.

Thursday, December 12, 2019

Charles G. Watson Surgical Education Center

UPMC Presbyterian, Suite F-600
200 Lothrop Street
Pittsburgh, PA 15213

Friday, December 13, 2019

Scaife Conference Center, Room 1105ABC

UPMC Presbyterian
200 Lothrop Street
Pittsburgh, PA 15213

The Fox Chapel Golf Club

426 Fox Chapel Road
Pittsburgh, PA 15238

Group transportation will be provided to the Fox Chapel Golf Club from The Oaklander Hotel and back. Group transportation leaves at 5:15 p.m. Please reserve your spot on the shuttle with Angela Kinnunen.

DAY 1: WEDNESDAY, DECEMBER 11, 2019

Peter M. Winter Institute for Simulation Education
and Research

4 p.m. Registration and Appetizers

4:30 p.m. Introduction and Brief Didactic
Rajeev Dhupar, MD, MBA

4:45 p.m. Simulation Lab
Rajeev Dhupar, MD, MBA

Stations for:

- Pyloroplasty, Conduit Creation, Anastomosis
- Robotic-Assisted Minimally Invasive Esophagectomy (RAMIE)
- Photodynamic Therapy
- Endoscopic Mucosal Resection
- BarrX™ Radiofrequency Ablation
- Esophageal Stenting and Balloon Dilation
- Rib Plating
- Navigational Bronchoscopy

8:30 p.m. Simulation Lab Adjournment

DAY 2: THURSDAY, DECEMBER 12, 2019

Charles G. Watson Surgical Education Center

7:30 a.m. Registration and Breakfast

8 a.m. Broadcast of Live Surgery
Moderator: Rajeev Dhupar, MD, MBA, FACS
Minimally Invasive Esophagectomy
Robotic-Assisted Minimally Invasive Esophagectomy

11:45 a.m. Lunch

12 p.m. Resume Moderation of Live Surgery
Moderator: Rajeev Dhupar, MD, MBA, FACS

3 p.m. Closing Remarks and Questions
Rajeev Dhupar, MD, MBA, FACS

3:30 p.m. Live Surgery Adjournment

DAY 3: FRIDAY, DECEMBER 13, 2019

Scaife Conference Center, Room 1105ABC

APP BREAKOUT SESSION

9 a.m. – 12:45 p.m. | See Page 4 for Details

7:30 a.m. Registration and Breakfast

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

Section I: Chairman and Keynote Addresses

Chairman's Address:

8:05 a.m. Minimally Invasive Esophagectomy: Outcomes Analysis from over 1,000 Cases
James D. Luketich, MD, FACS

Keynote Addresses:

9 a.m. Perspective on MIE from Taiwan and Prospective Clinical Trial
Yin-Kai Chao, MD, PhD

9:45 a.m. The Shanghai Chest MIE Experience
Zhigang Li, MD, PhD

10:30 a.m. Morning Break

10:45 a.m. The Netherlands Experience: Trials and Training in Robotic Esophageal Surgery
Jelle Ruurda, MD, PhD

11:30 a.m. Lunch

12 p.m. ERAS and Protocols in Esophageal Cancer
Jon O. Wee, MD

12:45 p.m. Endoscopic Management of Early-Stage Esophageal Cancer
Jie Zhang, MD, PhD

Section II: Technical Aspects of MIE

1 p.m. Minimally Invasive Pyloroplasty
Neil A. Christie, MD

1:20 p.m. Minimally Invasive Anastomosis
Jon O. Wee, MD, and Jelle Ruurda, MD, PhD

1:40 p.m. Minimally Invasive Gastric Conduit Formation
Ryan M. Levy, MD

2 p.m. Technical Aspects of Robotic Esophagectomy
Inderpal S. Sarkaria, MD, FACS

2:30 p.m. Afternoon Coffee Break

Section III: Management and Complications

- 3 p.m. Paraconduit Hernias and Conduit Revision**
Matthew J. Schuchert, MD, FACS
- 3:20 p.m. Anastomatic Leak**
Zhigang Li, MD, PhD
- 3:40 p.m. Complex Airway Injury and Fistula**
Manuel Villa Sanchez, MD

Section IV: Neoadjuvant Strategies for Treatment of Esophageal Cancer

- 4 p.m. Adjuvant vs. Neoadjuvant Therapy**
Yin-Kai Chao, MD, PhD
- 4:20 p.m. Round Table Discussion**
James D. Luketich, MD, FACS
- 4:45 p.m. Didactic Adjournment**
- 5:30 p.m. Scientific Poster Session, Technology Displays, and Course Dinner**
The Fox Chapel Golf Club
426 Fox Chapel Road
Pittsburgh, PA 15238
- 10 p.m. Course Adjournment**

DAY 3: FRIDAY, DECEMBER 13, 2019

*Advanced Practice Provider Breakout Session
Scaife Conference Center, Scaife 1102*

- 9 a.m. Esophagectomy: Surgical Overview and Acute Postoperative Management**
Matthew Vercauteren, PA-C
- 9:45 a.m. Dysphagia: Clinical Challenges for the Nonoperative Patient**
Charles Hileman, PA-C
- 10:30 a.m. Remapping the Body: Diet and Nutrition After Esophagectomy**
Nicole Geonnotti, RDN, LDN
- 11:15 a.m. Lunch**
- 11:45 a.m. Assessing Postoperative Dysphagia and Aspiration Risk After Esophagectomy**
Amanda Levett, CCC-SLP
- 12:30 p.m. Enhanced Recovery After Surgery (ERAS) and Redefining Postoperative Pain Management**
Alexandrea Bartow, MSN, ACNP-BC
- 1 p.m. Breakout Session Adjournment**

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Assistant Professor of Surgery, Harvard Medical School

Section Chief, Esophageal Surgery

Director of Robotics in Thoracic Surgery

Co-Director of Minimally Invasive Thoracic Surgery

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Grant/Research Support: Intuitive Surgical

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Other: Royalties from Elsevier; patent registered with the University of Pittsburgh

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Jelle Ruurda, MD, PhD

Grant/Research Support: Intuitive,

Dutch Cancer Foundation

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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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Acknowledgement of Commercial Support

We gratefully acknowledge support from the following for this activity:

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