Lessons From More Than 30 Years of Lung Transplantation at UPMC: An Interactive Symposium

November 10-11, 2016

University of Pittsburgh Medical Center
Thomas E. Starzl Biomedical Science Tower
UPMC Presbyterian Hospital
200 Lothrop Street
Pittsburgh, PA 15213

Presented by:
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
University of Pittsburgh Department of Cardiothoracic Surgery
University of Pittsburgh Department of Medicine, Division of Pulmonary, Allergy and Critical Care

Course Directors:

Jonathan D’Cunha, MD, PhD, FACS
Chief, Division of Lung Transplant/Lung Failure
Associate Professor of Cardiothoracic Surgery
Vice Chairman, Academic Affairs
Department of Cardiothoracic Surgery, UPMC

Matthew R. Morrell, MD
Medical Director, Lung Transplantation
Associate Professor of Medicine
Division of Pulmonary, Allergy and Critical Care Medicine, UPMC

Joseph M. Pilewski, MD
Associate Chief for Clinical Affairs
Associate Professor of Medicine
Co-Director, Adult Cystic Fibrosis Program
Division of Pulmonary, Allergy, and Critical Care Medicine, UPMC

Norihisa Shigemura, MD, PhD
Associate Professor of Cardiothoracic Surgery
Director, Lung Transplantation Research Program
Department of Cardiothoracic Surgery, UPMC

J. W. Awori Hayanga, MD, MPH, FACS
Assistant Professor of Cardiothoracic Surgery
Director, Lung Transplantation Outcomes Research
Department of Cardiothoracic Surgery, UPMC

Wet Lab Co-Director:

Hannah Copeland, MD
The Hunter Holmes McGuire VA Medical Center
**Day 1: Heart/Lung Procurement Wet Lab**

*Thomas E. Starzl Biomedical Science Tower, 9th Floor*

**7:30-8:00am:** Registration and Breakfast

8:00-9:00am: Introduction, Goals and Objectives  
*Jonathan D’Cunha, MD, PhD, FACS*

9:00-9:30am: Pre-Test

9:30-10:30am: Didactic  
What makes a good lung?  
*Hannah Copeland, MD*

What makes a good heart?  
*Christopher Sciortino, MD, PhD*

10:30-11:00am: Didactic  
Heart/Lung Procurement  
*Jonathan D’Cunha, MD, PhD, FACS*

11:00-11:15am: Coffee and Snack Break, participants will be divided into three groups to rotate through heart/lung procurement lab, lung case scenarios, and heart case scenarios  
**Lunch will be provided in scenario area**

11:15am-12:45pm: Group A: Heart/Lung Procurement:  
Group B: Lung Case Scenarios: *J. W. Awori Hayanga, MD, MPH*  
Group C: Heart Case Scenarios: *Hannah Copeland, MD*

12:45pm-2:15pm: Group A: Heart Case Scenarios: *Hannah Copeland, MD*  
Group B: Heart/Lung Procurement:  
Group C: Lung Case Scenarios: *J. W. Awori Hayanga, MD, MPH*

2:15pm-3:45pm: Group A: Lung Case Scenarios: *J. W. Awori Hayanga, MD, MPH*  
Group B: Heart Case Scenarios: *Hannah Copeland, MD*  
Group C: Heart/Lung Procurement:

3:45-4:30pm: Post-Test and Adjournment
Day 2: Didactic Sessions

Thomas E. Starzl Biomedical Science Tower, Conference Room S120

7:30-8:00am: Registration and Breakfast

8:00-8:10am: Introduction and Opening Remarks
*Jonathan D’Cunha, MD, PhD, FACS*
*Matthew R. Morrell, MD*

SECTION I: Transplant Evaluation Process

8:10-8:30am: Review of Evaluation of Pre-Transplant Candidates
*Elizabeth A. Lendermon, MD*

8:30-8:50am: Recipient Selection: How We Do It in Pittsburgh
*Lisa Carozza, RN, MSN, CCTC*

8:50-9:10am: Controversies in Patient Candidacy: Pushing the Envelope
*Matthew Pipeling, MD*

9:10-9:30am: Scleroderma: Our Success Story
*Silpa Kilaru, MD*

9:30-9:40am: Section Summary/Panel Question & Answer
*Jonathan D’Cunha, MD, PhD, FACS and Matthew R. Morrell, MD*

9:40-9:55am: Coffee, Tea, and Morning Snack Break

SECTION II: Connecting the Donor and the Recipient

9:55-10:10am: Administrative Challenges for a High Volume Transplant Center
*Susan Umerley, MBA, FACHE, CMPE*

10:10-10:25am: Organ Referral: You’re On a Recorded Line
*Roy Hill*

10:25-10:40am: CORE/OPO
*Kurt Shutterly, RN, CPTC*

10:40-10:50am: Section Summary/Panel Question & Answer
*Jonathan D’Cunha, MD, PhD, FACS and Matthew R. Morrell, MD*
SECTION III: Surgical Considerations

10:50-11:05am: What Makes a Good Donor?  
*Hannah Copeland, MD*

11:05-11:20am: Anesthesia for Lung Transplant  
*Theresa A. Gelzinis, MD*

11:20-11:35am: Bilateral Sequential Lung Transplantation  
*Jonathan D’Cunha, MD, PhD, FACS*

11:35-11:50am: EVLP in 2016: Problems and Pitfalls  
*Norihsa Shigemura, MD, PhD*

11:50-12:05pm: ECMO as a Bridge to Transplant  
*J.W. Awori Hayanga, MD, MPH, FACS*

12:05-1:00pm: Lunch and Complex Case Discussion

1:00-1:15pm: Lessons Learned from the CTICU  
*Penny Sappington, MD*

1:15-1:30pm: Gastroesophageal reflux disease and Lung Transplant  
*James D. Luketich, MD, FACS*

1:30-1:45pm: The Mid-Level Practitioner: The Glue that Binds  
*Marissa Behning, PA-C, MPAS*

1:45-1:55pm: Section Summary/Panel Question & Answer  
*Jonathan D’Cunha, MD, PhD, FACS and Matthew R. Morrell, MD*

SECTION IV: Post-Transplant Management

1:55-2:15pm: What role do HLA Antibodies Play in Lung Transplantation?  
*Adriana Zeevi, MD*

2:15-2:35pm: Post-Transplant Protocols: Extending the Quantity and Quality of Life in Recipients  
*Rachelle Zomak, RN, MS, CCTC*

2:35-2:55pm: Tackling Atypical Pulmonary Infections: Fungal and Mycobacterial Pathogens  
*Minh-Hong T. Nguyen, MD and Eun Jeong Kwak, MD*

2:55-3:10pm: Coffee, Tea and Afternoon Snack Break
3:10-3:30pm: Viral Infections in Lung Transplantation
Christopher R. Ensor, PharmD, BCPS-CV

3:30-3:50pm: Post-transplant Care of the Patient with Cystic Fibrosis
Joseph M. Pilewski, MD

3:50-4:10pm: Novel Therapies for Chronic Lung Allograft Dysfunction
Matthew R. Morrell, MD

4:10-4:30pm: Collaborative Research: How We Do It in Pittsburgh
Jonathan McDyer, MD and Norihisa Shigemura, MD, PhD

4:30-4:40pm: Section Summary/Panel Question and Answer
Jonathan D’Cunha, MD, PhD, FACS and Matthew R. Morrell, MD

4:40-4:50 pm: Closing remarks and adjournment
Jonathan D’Cunha, MD, PhD, FACS
Matthew R. Morrell, MD

6:00pm: Technology Displays and Cocktail Hour
The Fox Chapel Golf Club
426 Fox Chapel Road
Pittsburgh, PA 15238

7:00pm: Course Dinner
The Fox Chapel Golf Club
426 Fox Chapel Road
Pittsburgh, PA 15238

Course Adjournment

UNIVERISTY OF PITTSBURGH FACULTY:

Jonathan D’Cunha, MD, PhD, FACS
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Department of Pharmacy and Therapeutics

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Associate Professor of Anesthesiology
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Silpa Kilaru, MD
Clinical Assistant Professor of Medicine
Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine

Eun Jeong Kwak, MD
Assistant Professor of Medicine
Transplant Infectious Disease: Protocols and Performance Improvement Directors
Department of Medicine, Division of Infectious Diseases

Elizabeth A. Lendermon, MD
Assistant Professor of Medicine
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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
Department of Cardiothoracic Surgery

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Professor of Medicine
Director, Transplant Infectious Diseases
Director, Antimicrobial Management Program
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Penny Sappington, MD  
Assistant Professor of Critical Care Medicine  
Medical Director, Surgical ICU  
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Christopher Sciortino, MD, PhD  
Assistant Professor of Cardiothoracic Surgery  
Surgical Director, UPMC Advanced Heart Failure Center

Norihisa Shigemura, MD, PhD  
Associate Professor of Cardiothoracic Surgery  
Director, Lung Transplantation Research Program  
Department of Cardiothoracic Surgery, Division of Lung Transplant/Lung Failure

Adriana Zeevi PhD (D) ABHI  
Professor of Pathology, Surgery and Immunology  
Director of Tissue Typing Laboratory  
University of Pittsburgh Medical Center

UPMC FEATURED SPEAKERS:

Marissa Behning, PA-C, MPAS  
Supervisor, Cardiothoracic Surgery Advanced Practice Providers  
Department of Cardiothoracic Surgery

Lisa Carozza, RN, MSN, CCTC  
Transplant Coordinator II  
Department of Cardiothoracic Surgery

Roy Hill  
Manager, UNOS Data & ORC  
United Networks for Organ Sharing (UNOS) Data and ORC

Susan Umerley, MBA, FACHE, CMPE  
Transplant Program Administrator

Rachelle Zomak, RN, MS, CCTC  
Manager, Cardiothoracic Transplant  
Department of Cardiothoracic Surgery

OTHER FEATURED SPEAKERS:

Hannah Copeland, MD  
Attending Cardiothoracic Surgeon  
The Hunter Holmes McGuire VA Medical Center

Kurt Shutterly, RN, CPTC  
Chief Operating Officer  
The Center for Organ Recovery and Education (CORE)

This activity has been approved for *AMA PRA Category 1 Credit(s)™*
Category I Continuing Education Points for Transplant Certification (CEPTCs) have been applied for through the American Board for Transplant Certification (ABTC).

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