



# 2025 Advanced Lung Disease and Lung Transplant Symposium

Presented by: Norton Thoracic Institute | St. Joseph's Hospital and Medical Center with Continuing Medical Education Credits provided by Creighton University School of Medicine



January 17-19, 2025  
JW Marriott Camelback Inn | Scottsdale, AZ

SCAN THE CODE TO REGISTER FOR THE SYMPOSIUM.



REGISTRATION FEES	
Industry	\$500.00
MD/DO/PhD	\$450.00
NP/PA	\$250.00
RN/ RESPIRATORY THERAPISTS/PHARMACISTS	\$150.00
DIGNITY HEALTH STAFF <i>To receive the Dignity Health rate, individual must be <b>employed</b> with Dignity Health. Holding privileges at the hospital does not offer an individual the opportunity for a discounted rate.</i>	\$100.00

Please note: Single day course options are not available; to receive a refund, cancellations must be made at least 30 days in advance of the symposium start.

### ACCREDITATION STATEMENT

In support of improving patient care, this activity has been planned and implemented by Creighton University Health Sciences Continuing Education and Norton Thoracic Institute. Creighton University Health Sciences Continuing Education (HSCE) is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

### CONTINUING EDUCATION CREDITS

**Category 1** Creighton University Health Sciences Continuing Education designates this live activity for a maximum of 22.75 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**Nurse CE** Creighton University Health Sciences Continuing Education designates this activity for 22.75 contact hours for nurses. Nurses should claim only credit commensurate with the extent of their participation in the activity.

**Pharmacy** Creighton University Health Sciences Continuing Education (HSCE) is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education (CPE). The 2025 Advanced Lung Disease and Lung Transplant Symposium is accredited for 22.75 hour(s) for completion of all CE Sessions. The 2025 Advanced Lung Disease and Lung Transplant Symposium is a knowledge-based activity.

**Respiratory Therapy** Credits pending



## **JW MARRIOTT CAMELBACK INN**

### **Reserve a Room**

**<https://book.passkey.com/go/2025AdvancedLungDisease>**

The Norton Thoracic Institute has reserved a limited number of rooms at the JW Marriott Camelback Inn at a discounted rate. To book your room, visit the link above before rooms are gone!

Please note: Cancellations of reservations with the hotel are not handled by Norton Thoracic Institute and the individual wishing to cancel their reservation will need to speak directly with the JW Marriott Camelback Inn.

## COURSE DIRECTORS



### **Rajat Walia, MD**

Division Chair, Pulmonary Medicine  
Medical Director, Lung Transplant  
Professor of Medicine, Creighton University School of Medicine –  
Phoenix  
Norton Thoracic Institute | St. Joseph's Hospital and Medical Center



### **Michael Smith, MD**

Division Chair, Thoracic Disease  
Surgical Director, Lung Transplant  
Professor of Surgery, Creighton University School of Medicine –  
Phoenix  
Norton Thoracic Institute | St. Joseph's Hospital and Medical Center

## INVITED FACULTY

### **Sean Agbor-Enoh, MD, PhD**

Clinical Research Scholar  
National Institute of Health  
Associate Professor of Medicine  
*Johns Hopkins University | Bethesda, MD*

### **George Alangaden, MD**

Director | Transplant Infectious Diseases  
Henry Ford Health  
Clinical Professor of Medicine  
*Wayne State University | Detroit, MI*

### **Mary Armanios, MD**

Director | Telomere Center at Johns Hopkins  
Associate Director of Cancer Research  
Sidney Kimmel Comprehensive  
Cancer Center  
Professor of Oncology  
*Johns Hopkins University | Baltimore, MD*

### **Ankit Bharat, MD**

Executive Director | Canning Thoracic  
Institute  
Harold L and Margaret N. Professor  
of Surgery  
Professor of Surgery (Thoracic Surgery) and  
Medicine (Pulmonary and Critical Care)  
*Northwestern University | Chicago, IL*

**Marie Budev, DO, MPH**

Associate Program Director | Internal Residency Program

Macon and Joan Brock Endowed Chair for Lung Transplantation

Professor of Medicine  
*Cleveland Clinic | Cleveland, OH*

**Sachin Chaudhary, MD**

Director | Interstitial Lung Disease Program

Associate Professor of Medicine | Banner *University Medical Center – Tucson Tucson, AZ*

**Matthew Hartwig, MD**

Surgical Director | Duke Lung Transplant Program and Esophageal Center

Director | Surgical Office of Clinical Research

Professor of Surgery  
*Duke University | Durham, NC*

**Shannon Kasperbauer, MD**

Site Director | Infectious Diseases Fellowship Program

Associate Professor of Medicine  
*National Jewish Health | Denver, CO*

**Rebecca Keith, MD**

Pulmonary, Critical Care and Sleep Medicine

Associate Professor of Medicine  
*National Jewish Health | Denver, CO*

**Erika Lease, MD**

Professor | Division of Pulmonary, Critical Care and Sleep Medicine

Medical Director | Lung Transplant Program

Attending | Solid Organ Transplant Infectious Disease Program

*University of Washington | Seattle, WA*

**Ajit Limaye, MD**

Professor of Medicine

Director | Transplant & Oncology Infectious Diseases Program

*University of California at San Francisco San Francisco, CA*

**Gabriel Loor, MD**

Associate Professor of Surgery  
Cardiothoracic Transplant and Circulatory Support

George P. Noon, M.D. Endowed Chair in Surgery

Surgical Director | Lung Transplant Program  
*Baylor College of Medicine | Houston, TX*

**Pamela McShane, MD**

Professor of Medicine | Division of Pulmonary and Critical Care Medicine

*University of Texas Health Science Center at Tyler | Tyler, TX*

**John Ryan, MD**

Director | Pulmonary Hypertension Program

Professor of Medicine  
*University of Utah | Salt Lake City, UT*

**Robert Sandhaus, MD, PhD**

Professor of Medicine | Division of  
Pulmonary, Critical Care and Sleep  
Medicine

*National Jewish Health | Denver, CO*

**Gregory Snell, MBBS**

Medical Director | Lung Transplant Service  
Professor of Medicine

*Alfred Hospital and Monash University  
Melbourne, Australia*

**Bryan Whitson, MD**

Director | Division of Cardiac Surgery  
Interim Co-Director | Heart and Vascular  
Center

Director | Thoracic Transplantation and  
Mechanical Circulatory Support

Professor of Surgery | *Ohio State University  
Columbus, OH*

**Ann Woolley, MD**

Weitzman Family Distinguished Scholar  
Infectious Disease

*Brigham and Women's Hospital  
Boston, MA*

**Zulma Yunt, MD**

Associate Professor of Medicine  
Pulmonary, Critical Care and Sleep  
Medicine

*National Jewish Health | Denver, CO*

## **NORTON THORACIC INSTITUTE | ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER**

### **Ashwini Arjuna, MD**

Director of Education | Pulmonary Medicine  
Director | Pulmonary Clerkship  
Co-Chair | Patient Safety and Quality  
Improvement  
Associate Professor of Medicine  
Creighton University School of Medicine  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

### **Shane Bezzant, MD**

Assistant Professor | Creighton University  
School of Medicine  
Diagnostic Radiology  
*St. Joseph's Hospital and Medical Center  
Phoenix, AZ*

### **Ross Bremner, MD, PhD**

Department Chairman | Thoracic Surgery  
and Transplant  
Executive Director | Norton Thoracic  
Institute  
Professor of Surgery | Creighton University  
School of Medicine  
Professor of Surgery | University of Arizona  
College of Medicine Phoenix  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

### **Bhuvn Buddhdev, MD**

Director | Pulmonary Hypertension Program  
Co-Director | Interstitial Lung Disease  
Program  
Assistant Professor of Medicine  
Creighton University School of Medicine  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

### **Jasmine Huang, MD**

Director | Education and Program  
Development  
Surgical Director | Lung Cancer Screening  
Professor of Surgery | Creighton University  
School of Medicine  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

### **Brandi Krushelniski, RN, BSN, MBA, CCTC**

Vice President | Norton Thoracic Institute  
and Transplant Services  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

**Kendra McAnally, DO**

Lung Transplant and Advanced  
Lung Disease

Assistant Professor of Medicine  
Creighton University School of Medicine  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center | Phoenix, AZ*

**Amy Trahan, MD**

Associate Professor of Medicine  
Creighton University School of Medicine

Diagnostic Radiology  
*St. Joseph's Hospital and Medical Center  
Phoenix, AZ*

**Michael Nailor, PharmD BCPS**

Clinical Specialist – Infectious Diseases  
*St. Joseph's Hospital and Medical Center  
Phoenix, AZ*

**Christine Pham, PharmD**

Pharmacy Specialist – Lung Transplant  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center  
Phoenix, AZ*

**Sofya Tokman, MD**

Eller Associate Medical Director of Lung  
Transplantation  
Professor of Medicine | Creighton University  
School of Medicine  
*Norton Thoracic Institute | St. Joseph's  
Hospital and Medical Center  
Phoenix, AZ*



## SCHEDULE OF EVENTS

FRIDAY, JANUARY 17, 2025			
TIME	TOPIC	SPEAKER	INSTITUTION
7:00 – 8:00 a.m.	<b>WELCOME   BREAKFAST   VISIT EXHIBITS</b>		
7:00 - 7:55 a.m.	Registration   Breakfast   Exhibits	Conference Room and Hallway	
7:55 - 8:00 a.m.	Welcome	Rajat Walia, MD	Norton Thoracic Institute
<b>8:00 a.m. - 1:15 p.m.</b>	<b>TOPIC HEADING NEEDED</b>		
8:00 - 8:45 a.m.	<i>"Blank Space"</i> : Update on diagnosis and treatment for IPF	Rebecca Keith, MD	National Jewish
8:45 - 9:30 a.m.	<i>"Call it What You Want"</i> : CTD-ILD/IPAF	Sachin Chaudhary, MD	University of Arizona
9:30 - 10:15 a.m.	<i>"I Knew You Were Trouble"</i> : Diagnosis and treatment of HP	Zulma Yunt, MD	National Jewish
<b>10:15 – 10:30 a.m.</b>	<b>BREAK   VISIT EXHIBITORS</b>		
10:30 - 11:15 a.m.	<i>"Who's Afraid of Little Ole Me"</i> : Telomeres in Lung Disease	Mary Armanios, MD	Johns Hopkins
11:15 a.m. - 12:00 p.m.	<i>"Don't Blame Me"</i> : GERD and Lung Disease	Ross Bremner, MD, PhD	Norton Thoracic Institute
12:00 - 12:45 p.m.	<i>"I Can See You"</i> : A Radiologists evaluation of ILD	Shane Bezzant, MD	St. Joseph's Hospital and Medical Center
1:45 - 2:00 p.m.	Panel Discussion   Moderators: Sofya Tokman, MD, Bhuvn Bhuddhdev, MD	All Speakers	
<b>1:15 – 2:15 pa.m.</b>	<b>LUNCH</b>		
<b>1:15 – 5:45 p.m.</b>	<b>TOPIC HEADING NEEDED</b>		
2:15 - 3:00 p.m.	<i>"Are You Ready for It?"</i> : Updates on Pulmonary Hypertension from the 7th World Symposium	John Ryan, MD	University of Utah
3:00 - 3:45 p.m.	<i>"I Bet You Think About Me"</i> : Alpha-1 Antitrypsin Deficiency and Emerging Therapeutics	Robert Sandhaus, MD	National Jewish
3:45 - 4:30 p.m.	<i>"Everything Has Changed"</i> Diagnosis and Therapies in Bronchiectasis	Pamela McShane, MD	University of Texas-Tyler
4:30 - 5:15 p.m.	<i>"I Forgot You Existed"</i> : NTM Lung Disease	Shannon Kasperbauer, MD	National Jewish
5:15 - 5:45 p.m.	Panel Discussion   Moderators: Sofya Tokman, MD, Bhuvn Bhuddhdev, MD and Kendra McAnally, DO	All Speakers	
<b>5:45 p.m.</b>	<b>ADJOURN</b>		
<b>5:45 - 7:30 p.m.</b>	<b>HAPPY HOUR   ALL ARE WELCOME</b>		

## SCHEDULE OF EVENTS

SATURDAY, JANUARY 18, 2025			
TIME	TOPIC	SPEAKER	INSTITUTION
7:00 – 8:00 a.m.	<b>REGISTRATION   BREAKFAST   VISIT EXHIBITORS</b>		
7:55 - 8:00 a.m.	Welcome	Michael Smith, MD	Norton Thoracic Institute
<b>8:00 – 11:30 a.m.</b>	<b>TOPIC HEADING NEEDED</b>		
8:00 - 8:45 a.m.	<i>"You Need to Calm Down"</i> : New Lung Allocation Explained	Erika Lease, MD	University of Washington
8:45 - 9:30 a.m.	<i>"This is What You Came For"</i> : Pushing the Envelope in Lung Transplantation	Marie Budev, DO	Cleveland Clinic
9:30 - 10:15 a.m.	<i>"Look What You Made Me Do"</i> : High Risk Surgical Cases in Lung Transplantation	Michael Smith, MD	Norton Thoracic Institute
10:15 - 11:00 a.m.	<i>"You Belong with Me"</i> : Lessons learned on lung transplant cross matching	Greg Snell, MD	Alfred Hospital
11:00 - 11:45 a.m.	<i>"Everything Has Changed"</i> : Lung Transplant for Lung Cancer	Ankit Bharat, MD	Northwestern University
11:45 a.m. - 12:15 p.m.	Panel Discussion   Moderators: Sofya Tokman, MD, Ross Bremner, MD, Rajat Walia, MD	All Speakers	
<b>12:15 – 1:15 p.m.</b>	<b>LUNCH   PARAGONIX (non-CME)</b>		
<b>1:15 – 3:45 p.m.</b>	<b>TOPIC HEADING NEEDED</b>		
1:15 - 2:00 p.m.	<i>"Cold As You"</i> : A New Method of Lung Preservation	Matthew Hartwig, MD	Duke University
2:00 - 2:45 p.m.	<i>"Half of My Heart"</i> : Managing advanced cardiac disease in the lung transplant recipient	Gabriel Loor, MD	Baylor College of Medicine
2:45 - 3:30 p.m.	<i>"Would have, Could have, Should have"</i> : Role of EVLP in Lung Transplantation	Bryan Whitson, MD	Ohio State University
3:30 - 3:45 p.m.	Panel Discussion   Moderators: Ross Bremner, MD, Michael Smith, MD, Jasmine Huang, MD, Rajat Walia, MD	All Speakers	
3:45 – 4:00 p.m.	<b>BREAK   VISIT EXHIBITORS</b>		
<b>4:00 – 6:30 p.m.</b>	<b>TOPIC HEADING NEEDED</b>		
4:00 - 4:45 p.m.	<i>"Speak Now"</i> : Updates on Donor Management/Infectious Disease	Ann Wooley, MD	Brigham and Women's Hospital
4:45 - 5:30 p.m.	<i>"Soon You'll Get Better"</i> : New Therapeutics for CMV in Lung Transplant	Ajit Limaye, MD	University of California, San Francisco
5:30 - 6:15 p.m.	<i>"Should Have Said No"</i> : To treat or not to treat? Antimicrobial Stewardship in Lung Transplantation	George Alaganden, MD	Henry Ford Health
6:15 - 6:30 p.m.	Panel Discussion   Moderators: Sofya Tokman, MD, Michael Nailor, PharmD, Rajat Walia, MD	All Speakers	
<b>6:30 p.m.</b>	<b>ADJOURN</b>		
<b>7:00 - 9:00 p.m.</b>	<b>Dinner for all attendees: Camelback Inn</b>		

## SCHEDULE OF EVENTS

SUNDAY, JANUARY 19, 2025			
TIME	TOPIC	SPEAKER	INSTITUTION
7:00 – 8:00 a.m.	<b>REGISTRATION   BREAKFAST   VISIT EXHIBITORS</b>		
7:55 - 8:00 a.m.	Welcome	Rajat Walia, MD	Norton Thoracic Institute
<b>8:00 -10:30 a.m.</b>	<b>TOPIC HEADING NEEDED</b>		
8:00 - 8:45 a.m.	<i>"Bad Blood"</i> : Future of Biomarkers in Lung Transplant	Sean Agbor-Enoh, MD	National Institute of Health
8:45 - 9:30 a.m.	<i>"Beautiful Ghost"</i> : Fungal Infections in Lung Transplant	Ann Wooley, MD	Brigham and Women's Hospital
9:30 - 10:15 a.m.	<i>"Long Story Short"</i> : Bacterial Infection in the Lung Transplant Recipient	Michael Nailor, PharmD, BCPS	St. Joseph's Hospital and Medical Center
10:15 - 10:30 a.m.	Moderators: Sofya Tokman, MD, Rajat Walia, MD, Bhuvin Bhuddhdev, MD	All Speakers	
<b>10:30 - 10:45 a.m.</b>	<b>BREAK   VISIT EXHIBITORS</b>		
<b>10:45 a.m. - 1:15 p.m.</b>	<b>TOPIC HEADING NEEDED</b>		
10:45 - 11:30 a.m.	<i>"Picture to Burn"</i> : A Radiologist's Archive at a Lung Transplant Program	Amy Trahan, MD	St. Joseph's Hospital and Medical Center
11:30 a.m. - 12:15 p.m.	<i>"We are Never, Ever Getting Back Together"</i> : Treatment for Antibody Medicated Rejection	Christine Pham, PharmD	Norton Thoracic Institute
12:15 - 1:00 p.m.	<i>"End Game"</i> : View of a Successful Lung Transplant Program from a Transplant Administrator's Lens	Brandi Krushelniski, RN, BSN, MBA, CCTC	Norton Thoracic Institute
1:00 - 1:15 p.m.	Moderators: Ashwini Arjuna, MD; Kendra McAnally, DO	All Speakers	
<b>1:15 p.m.</b>	<b>ADJOURN</b>		

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