

THORACon | Conference Series

Advanced Lung Disease Conference

Novel Therapies and
Controversies

December 7-8
Four Seasons
Hotel Houston

Baylor
College of
Medicine



**Baylor St. Luke's
Medical Center**

Course-Directors



Gabriel Loor, MD
Cardiothoracic Transplant and
Circulatory Support



Amit D. Parulekar, MD, MS
Pulmonary and Critical Care Medicine

Co-Directors



Prasad Manian, MBBS, MD
Pulmonary and Critical Care Medicine



Ramsey Hachem, MD
Washington University School of
Medicine in St. Louis



Kenneth McCurry, MD
Cleveland Clinic

PROGRAM OVERVIEW

The Advanced Lung Disease: Novel Therapies and Controversies Conference will have engaging state-of-the-art multidisciplinary lectures focused on the causes diagnosis, prevention, and treatment of diseases affecting the lungs, including cystic fibrosis, COPD, Interstitial Lung Disease, pulmonary hypertension and adult congenital heart diseases. The course will also feature panel sessions to provide clinicians the opportunity to discuss specific treatment challenges, the role of the caregivers, transplant coordinators and logistics of transplantation and methods that will be useful in their practices.

Advanced lung diseases affects a large part of the population and contributes significantly to morbidity and mortality. Novel therapies for diseases such as cystic fibrosis, COPD, Interstitial Lung Disease, pulmonary hypertension and adult congenital heart diseases have given patients a chance at a new and healthier life. Transplantation is a major part of the innovation for providing these patients a new lease on life, but there are many steps and considerations along the way that can add to quality life years. The conference seeks to provide practitioners, trainees, patients and associated staff with a look at the horizon of advanced lung therapies. Novel therapies such as ex vivo lung perfusion, airway stenting, biopsies, gene therapy, stem cells, bronchial valves and lung volume reduction therapy will be discussed. Break out sessions will discuss the role of the caregivers, transplant coordinators and logistics of transplantation.



Four Seasons Hotel Houston

1300 Lamar Street
Houston, TX 77010
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(713) 650-1300



CME INFORMATION

ACCREDITATION

Texas Heart Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION

Texas Heart Institute designates this live activity for a maximum of **14.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

LEARNING OBJECTIVES

Describe the background and evolution of individual pulmonary diseases, the evolving management strategies, and controversies.

Understand the work up for lung or heart lung transplantation and the role of extracorporeal membrane oxygenation in acute exacerbations or as an adjunct to transplantation.

Stress detailed operative descriptions of each presenter's approaches to pulmonary care.

Provide valuable insight through video education and interactive panels of pulmonologists.

TARGET AUDIENCE

This activity is designed for pulmonologists, transplant pulmonologists, respiratory therapists, internal medicine physicians, thoracic surgeons, critical care specialists, general surgeons, nurses, residents, fellows, and advanced practice providers who are interested in optimizing their pulmonary outcomes.

CNE INFORMATION

APPROVAL STATEMENT

CHI St. Luke's Health Baylor St. Luke's Medical Center is an approved provider of continuing nursing education by the Texas Nurses Association - Approver, an accredited approver with distinction, by the American Nurses Credentialing Center's Commission on Accreditation.

CNE DESIGNATION

Up to 12.83 contact hours will be awarded for successful completion of this activity. To receive a certificate of completion with awarded contact hours, you are required to sign-in at registration each day, attend the entire program or partially for topics listed on the Tracker and return the completed evaluation form each day.

Friday, December 7, 2018

- 6:30 Registration/Continental Breakfast
- 7:00 Breakfast Symposium - Ballroom A
Sponsored by: Paradigm Medical Communications
Progress in Idiopathic Pulmonary Fibrosis: Strategies to Speed Detection and Slow Progression
– Dr. Kevin R. Flaherty, MD, MS
- 7:50 Welcome / Announcements / Opening Remarks
- Session I Advanced Lung Disease I: Obstructive Airway Disease**
– Nicola Hanania, MD
- 8:00 - 8:20 COPD Classification, Phenotypes, and Risk Assessment
– Prasad Manian, MD
- 8:20 – 8:40 Pharmacotherapy in COPD – Amir Sharafkaneh, MD
- 8:40 – 9:00 Asthma Classification and Management
– Amit Parulekar, MD
- 9:00 – 9:20 Revisiting Severe Asthma: Phenotypes, Biomarkers and Novel Targets of Therapy – Nicola Hanania, MD
- 9:20 – 09:40 Panel Discussion
- 09:40 – 9:50 Break
- Session II Advanced Lung Disease II: Cystic Fibrosis and Interstitial Lung Disease**
– Tara Barto, MD and Joseph Lasky, MD
- 9:50 - 10:10 Multidisciplinary Approach to Cystic Fibrosis Care
– Tara Barto, MD
- 10:10 – 10:30 Novel Therapies for Cystic Fibrosis – Peter W. Hiatt, MD
- 10:30 – 10:50 Classification and Diagnosis of Diffuse Parenchymal Lung Disease – Namrata Patel, MD
- 10:50 – 11:10 ILD Exacerbations and When to Refer for Lung Transplantation – Jigna Zatakia, DO

11:10 – 11:30 Pharmacotherapy and Other Novel Therapies for IPF
– Joseph Lasky, MD

11:30 – 11:50 Panel Discussion

11:50 – 12:50 Lunch Keynote
The Role of the Immune System in Lung Transplantation: Towards Improved Long-Term Results
– Ramsey Hachem, MD

12:50-1:00 Break

Session III ECMO for Respiratory Failure
– Subhasis Chatterjee, MD

1:00 – 1:20 ECMO as a Rescue Therapy for Severe Hypoxemic Respiratory Failure – Pat Herlihy, MD

1:20 – 1:40 ECMO Technique and Pitfalls – Aladdein Mattar, MD

1:40 – 2:00 Bedside Troubleshooting for ECMO
– Subhasis Chatterjee, MD

2:00 – 2:20 ECMO as Bridge to Transplant – Matthew Hartwig, MD

2:20 – 2:40 Panel Discussion

2:40 – 2:50 Break

Session IV Donor Logistics for Lung Transplantation
– Macon Woodard, MHSM, BSN, RN

2:50 – 3:10 Donor Lung Allocation and Logistics – Patrick Wood, MD

3:10 – 3:30 Donor and Recipient Team Transportation – Roger Woolsey

3:30 – 3:50 Donor Lung Recruitment and Optimization
– Rajat Walia, MD

3:50 – 4:10 Breathing Lung Transplantation: Lessons Learned and Future Implications – Gabriel Loor, MD

4:10 – 4:30 Wrap Up / Final Comments

4:30 - 6:00 Poster Session and Reception

Saturday, December 8, 2018

- 7:30 Registration / Continental Breakfast
7:50 Welcome / Announcements / Opening Remarks

Session I **Pulmonary Hypertension** – *Ajith Nair, MD*

- 8:00 – 8:20 Evaluation and Classification of Pulmonary Arterial Hypertension – Sandeep Sahay, MD
8:20 – 8:40 Pharmacotherapy for Pulmonary Hypertension – Ajith Nair, MD
8:40 – 9:00 Assessment and Treatment of the Failing Right Heart and Considerations for Transplant Referral – Ziad Taimeh, MD
9:00 – 9:20 Panel Discussion
9:20 – 9:30 Break

Session II **Medical Aspects of Lung Transplantation** – *Amit Parulekar, MD*

- 9:30 – 9:50 Indications for Transplant Referral and Listing – Goutham Dronavalli, MD
9:50 – 10:10 Postoperative Management of Lung Transplant Patients – Amit Parulekar, MD
10:10 – 10:30 The Role of Esophageal Pathology in End-Stage Lung Disease and Lung Transplantation – Lara Schaheen, MD
10:30 – 10:40 Break
10:40 – 11:00 Detection, Classification and Management of Rejection – Christina Kao, MD
11:00 – 11:20 Post-Operative Outcomes and Risk Factors – Gloria Li, MD
11:20 – 11:40 Panel Discussion

11:40 – 12:40 Lunch Keynote – Safe Expansion of the Donor Pool and Recipient Indications: Lessons Learned from the Cleveland Clinic Experience – Kenneth McCurry, MD

12:40 – 12:50 Break

Session III **Surgical Aspects of Lung Transplantation** – *Gabriel Loor, MD*

- 12:50 – 1:10 Donor and Recipient Surgical Procedures 101 – Alexis Shafii, MD
1:10 – 1:30 Controversies in Lung Transplant: Single Versus Bilateral Lung Transplantation, On Pump Versus Off Pump – Matthew Hartwig, MD
1:30 – 1:50 Complex Scenarios: Adjunctive Cardiac Procedures and Redo Lung Transplant - Kenneth McCurry MD
1:50 – 2:10 En Bloc Transplant Procedures: Bronchial Artery Revascularization and Heart-Lung Transplantation – Shinya Unai, MD
2:10 – 2:30 Panel Discussion
2:30 – 2:45 Wrap up / Final Comments

Conference Faculty

Tara Barto, MD
Baylor College of Medicine

Subhasis Chatterjee, MD
Baylor College of Medicine

Goutham Dronavalli, MBBS
Baylor College of Medicine

Ramsey Hachem, MD
Washington University School
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Nicola Hanania, MD, MS
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Matthew Hartwig, MD
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