Innovative Therapeutics for Advanced Lung Disease

Thursday, March 2, 2017
7:15AM – 4:20PM

NewYork-Presbyterian/Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
New York City
Overall Goals

Worldwide COPD and lower respiratory tract infections are tied for the third leading causes of death behind only cardiovascular disease and stroke. However, if one combines the mortality figures for COPD, lower respiratory tract infections, and cancers of lung, bronchus, trachea, data suggests diseases of the chest are now the number one cause of death worldwide. Recognizing its importance, the Divisions of Thoracic Surgery and Pulmonary Medicine are hosting a symposium on treating advanced lung disease.

Topics will include COPD, interstitial lung diseases, mycobacterial disease, pulmonary vascular disease, acute respiratory failure, lung cancer and diaphragmatic dysfunction. The symposium will explore cutting edge approaches to some of these issues including medical advances, and more interventional approaches such as extracorpororeal membrane oxygenation, lung volume reduction surgery, endobronchial lung volume reduction, lung transplantation, pulmonary thromboendarterectomy, diaphragm plication and pacing.

Learning Objectives

◆ Identify optimum medical therapies for COPD, interstitial lung disease and mycobacterial diseases
◆ Describe present state of the art for management of pulmonary hypertension including chronic thromboembolic disease
◆ Identify the options for lung cancer management in patients with limited respiratory reserve
◆ Explain the role of ECMO in acute lung injury
◆ Discuss the roles of interventional options like lung volume reduction and diaphragmatic procedures in selected patients
◆ Discuss timing and selection for lung transplantation and present lung transplant results

Target Audience

◆ Pulmonologists  ◆ Physician Assistants  ◆ Respiratory Therapists
◆ Internists  ◆ Nurse Practitioners  ◆ Hospitalists
◆ Critical Care Physicians  ◆ Nurses
Support
We expect support for this program through grants from medical device and pharmaceutical companies.

Accreditation
The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement
The College of Physicians and Surgeons designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CNE Accreditation Statement
6.5 contact hours will be provided for attending this program
The NewYork-Presbyterian Hospital, School of Continuing Education for Nurses is an approved provider of continuing nursing education by the New Jersey State Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Disclosure Statement
As a provider of continuing education for nurses we are required to disclose to you that none of the planners or faculty presenting this program is biased in any way by a relationship with companies outside this institution. If any arise, an announcement will be made at the beginning of this program. We expect commercial support for this program. Accredited status does not imply endorsement by NJSNA, NewYork-Presbyterian Hospital, or ANCC of any commercial products or services.

AARC Continuing Respiratory Care Education
This program has been approved for a maximum of 6.51 contact hours Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care.
Program Agenda

7:15am – 8:00am  Registration, Breakfast & Vendor Exhibits

8:00am – 8:05am  Welcoming Remarks
– Neil W. Schluger, MD

Session 1: Pulmonary Vascular Disease
Moderator: Erika Berman Rosenzweig, MD

8:05am – 8:20am  Advances in Medical Therapies for Pulmonary Arterial Hypertension
— Erika Berman Rosenzweig, MD

8:20am – 8:35am  Anything New in Group 3 PH: Due to lung diseases/hypoxia?
— Lewis J. Rubin, MD

8:35am – 8:50am  Chronic Thromboembolic Pulmonary Hypertension and Pulmonary Thromboendarterectomy
— Matthew D. Bacchetta, MD, MBA, MA

8:50am – 9:05am  Elective and Non-elective Surgery and PH: Role for high-risk surgical team?
— Jonathan Hastie, MD

9:05am – 9:30am  Panel Discussion with Q&A

9:30am – 9:50am  Break & Vendor Exhibits

Session 2: Chronic Respiratory Disease
Moderator: Byron Thomashow, MD

9:50am – 10:05am  Treating COPD: It’s not all the same
— Byron Thomashow, MD

10:05am – 10:20am  Lung Volume Reduction Surgery
— William A. Bulman, MD
10:20am – 10:40am  Advances in Bronchoscopy: Bronchoscopic lung volume reduction, thermoplasty in asthma, and expanding role of EBUS in lung cancer management — Roger A. Maxfield, MD & Keith Brenner, MD

10:40am – 10:55am  Interstitial Disease — David J. Lederer, MD, MS

10:55am – 11:10am  Bronchiectasis and Non-TB Mycobacterium Disease — Angela DiMango, MD

11:10am – 11:25am  Asthma Update — Emily DiMango, MD

11:25am – 11:50am  Panel Discussion with Q&A

11:50am – 12:50pm Lunch & Vendor Exhibits

**Session 3: When Therapy Fails**

Moderator: Matthew D. Bacchetta, MD, MBA, MA

12:50pm – 1:05pm  Cancer and Advanced Lung Disease: Surgery vs. radiosurgical options — Joshua R. Sonett, MD, FACS

1:05pm – 1:20pm  Diaphragm Disorders — Mark E. Ginsburg, MD

1:20pm – 1:35pm  Lung Transplantation for End Stage Lung Disease — Selim M. Arcasoy, MD, MPH

1:35pm – 1:50pm  Bridge to Transplantation — Cara L. Agerstrand, MD

1:50pm – 2:05pm  Evolving Treatment in Lung Support: ECMO — Daniel Brodie, MD

2:05pm – 2:30pm  Panel Discussion with Q&A

2:30pm – 2:50pm  Break & Vendor Exhibits
Session 4: The Future
Moderator: Joshua R. Sonett, MD, FACS

2:50pm – 3:05pm  The Future of Medical Care: A team approach
— Patricia A. Jellen, MSN, RN

3:05pm – 3:20pm  The Next Generation of ECMO and Artificial Lungs
— Matthew D. Bacchetta, MD, MBA, MA

3:20pm – 3:35pm  Stem Cell Therapy
— Hans-Willem Snoeck, MD, PhD

3:35pm – 3:50pm  Bioengineering
— Matthew D. Bacchetta, MD, MBA, MA

3:50pm – 4:15pm Panel Discussion with Q&A

4:15pm – 4:20pm Closing Remarks
— Neil W. Schluger, MD & Joshua R. Sonett, MD, FACS
NewYork-Presbyterian/ Columbia University Medical Center & Columbia University College of Physicians and Surgeons Program Co-Directors

**Matthew D. Bacchetta, MD, MBA, MA**
Associate Professor of Surgery  
Surgical Director, Adult Extracorporeal Membrane Oxygenation Program  
Director, Pulmonary Thromboendarterectomy Program  
Surgical Director, The Pulmonary Hypertension Comprehensive Care Center

**Erika Berman Rosenzweig, MD**
Associate Professor of Pediatrics (in Medicine) at CUMC  
Medical Director, The Pulmonary Hypertension Comprehensive Care Center  
Associate Chief, Division of Pediatric Cardiology

**Mark E. Ginsburg, MD**
Associate Professor of Surgery at CUMC  
Surgical Director, Lung Volume Reduction Program  
Surgical Director, Jo-Ann F. LeBuhn Center for Chest Disease and Respiratory Failure  
Associate Director of General Thoracic Surgery

**Neil W. Schluger, MD**
Professor of Medicine, Epidemiology and Environmental Health Sciences  
Chief, Division of Pulmonary, Allergy and Critical Care Medicine

**Joshua R. Sonett, MD, FACS**
Edward C. and Anne K. Weiskopf Professor of Surgical Oncology (in Surgery) at CUMC  
Chief, General Thoracic Surgery  
Director, The Price Family Center for Comprehensive Chest Care, Lung and Esophageal Center

**Byron Thomashow, MD**
Professor of Medicine at CUMC  
Medical Director, Jo-Ann F. LeBuhn Center for Chest Disease and Respiratory Failure  
Medical Co-Director, Lung Reduction Program in Emphysema  
Chairman of Board COPD Foundation
NewYork-Presbyterian/
Columbia University Medical Center
& Columbia University College of Physicians and Surgeons
Faculty

Cara L. Agerstrand, MD
Assistant Professor of Medicine
Assistant Director of the Medical
ECMO Program

Selim M. Arcasoy, MD, MPH
Dickinson W. Richards, Jr. Professor of
Medicine (in Pediatrics) at CUMC
Medical Program Director,
Lung Transplantation Program
Co-Director, Interstitial Lung
Disease Program

Keith Brenner, MD
Assistant Professor of Clinical Medicine

Daniel Brodie, MD
Associate Professor of Medicine
Director, Medical Intensive Care Units
and Medical Critical Care Service
Director, Medical ECMO Program
Co-Director, Center for Acute
Respiratory Failure

William A. Bulman, MD
Associate Professor of Clinical Medicine
Division of Pulmonary, Allergy and
Critical Care Medicine
Director of Bronchoscopy
Medical Director of Pulmonary Associates
Associate Program Director of
Pulmonary and Critical Care Fellowship

Angela DiMango, MD
Associate Professor of Clinical Medicine

Emily DiMango, MD
Associate Professor of Clinical Medicine
Director, John Edsall-John Wood
Asthma Center
Director of the Gunnar Esaison Adult
Cystic Fibrosis Program

Jonathan Hastie, MD
Assistant Professor of Anesthesiology
at CUMC
Assistant Director, Residency Program
Associate Medical Director,
Cardiothoracic ICU
Divisions of Critical Care and
Cardiothoracic Anesthesiology

Patricia A. Jellen, MSN, RN
Practice Administrator Pulmonary

David J. Lederer, MD, MS
Associate Professor of Medicine and
Epidemiology (in Pediatrics)
Pulmonary Director, Pulmonary &
Intensive Care Translational Outcomes
Research (PICTOR) Group
Co-Director, Interstitial Lung
Disease Program

Roger A. Maxfield, MD
Professor of Medicine at CUMC
Medical Director, Interventional
Bronchoscopy & Endobronchial
Therapy Program

Lewis J. Rubin, MD
Emeritus Professor of Medicine
Emeritus Director of Pulmonary and
Critical Care
University of California, San Diego
School of Medicine
Adjunct Professor of Medicine

Hans-Willem Snoeck, MD, PhD
Professor of Medicine
(in Microbiology & Immunology)
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Meeting Location
Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, First Floor
Myrna L. Daniels Auditorium
New York, New York 10032

Subway
Take the 1, A, C lines to West 168th Street
Washington Heights/Broadway

Parking
Parking is available at the NewYork-Presbyterian/Columbia University Medical Center parking garage, located on the southwest corner of Fort Washington Avenue and West 165th Street.

Valet Parking
Valet parking is available at the entrance of 177 Fort Washington Avenue between West 165th Street and West 168th Street.

Parking fee is NOT included with registration.

Local Area Hotels
For a listing of local area hotels, please visit:
www.ColumbiaSurgeryCME.org and select Lung Failure CME
Payment Method

Online:
To register online or to make an online CREDIT CARD PAYMENT please visit: www.ColumbiaSurgeryCME.org. For security purposes, credit card payments cannot be accepted in the mail or by phone.

By Mail:
Complete the attached registration form and mail together with full payment to:

Columbia University Medical Center
ATTN: Lung Failure CME Planner
Department of Surgery, External Affairs
400 Kelby Street, 9th Floor
Fort Lee, New Jersey 07024

Enclose a check or money order made payable to:

Columbia University Department of Surgery/Lung Failure CME
Checks must be in U.S. dollars drawn on a U.S. bank.

Registration Fees

- NYP/CUMC/WCM/ColumbiaDoctors & Affiliate Clinicians (claiming CME credits) – $40
- NYP/CUMC/WCM/ColumbiaDoctors & Affiliate Clinicians (no CME credits will be awarded) – FREE
- Clinicians (Non-Affiliated) – $125
- Fellows, Residents & Students (no CME credits will be awarded) – FREE

NYP = NEW YORK-PRESBYTERIAN
CUMC = COLUMBIA UNIVERSITY MEDICAL CENTER (INCLUDES COLUMBIADOCTORS)
WCM = WEILL CORNELL MEDICINE
Registration

Please register me for the continuing medical education program entitled:
**Innovative Therapeutics for Advanced Lung Disease**
**Thursday, March 2, 2017**

Space is limited, early registration is highly encouraged

- NYP/CUMC/WCM/ColumbiaDoctors & Affiliate Clinicians (claiming CME credits) — **$40**
- NYP/CUMC/WCM/ColumbiaDoctors & Affiliate Clinicians (no CME credits will be awarded) — **FREE**
- Clinicians (Non-Affiliated) — **$125**
- Fellows, Residents & Students (no CME credits will be awarded) — **FREE**

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Company/Institution

Address

City | State | Zip

Daytime Phone | Daytime Fax

E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature | Date

PLEASE NOTE: Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations cannot be accepted. Refund of registration fee will be made if written notice of cancellation is received by February 16, 2017, less a $25 administrative charge. Unfortunately, no refunds can be made thereafter.
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www.ColumbiaSurgeryCME.org