

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



COLUMBIA UNIVERSITY
*College of Physicians
and Surgeons*



NewYork-Presbyterian
Department of Nursing

NewYork-Presbyterian

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 extracorporeal 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
- ◆ Internists
- ◆ Critical Care Physicians
- ◆ Physician Assistants
- ◆ Nurse Practitioners
- ◆ Nurses
- ◆ Respiratory Therapists
- ◆ Hospitalists

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 — <i>Roger A. Maxfield, MD & Keith Brenner, MD</i>
10:40am – 10:55am	Interstitial Disease — <i>David J. Lederer, MD, MS</i>
10:55am – 11:10am	Bronchiectasis and Non-TB Mycobacterium Disease — <i>Angela DiMango, MD</i>
11:10am – 11:25am	Asthma Update — <i>Emily DiMango, MD</i>
11:25am – 11:50am	Panel Discussion with Q&A
11:50am – 12:50pm	Lunch & Vendor Exhibits

Session 3: When Therapy Fails

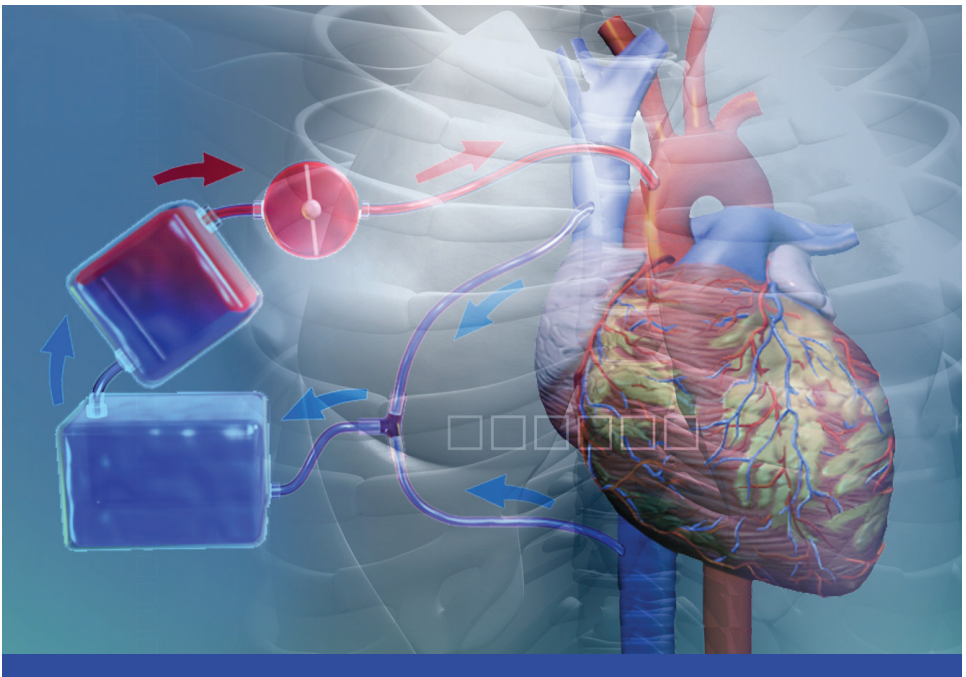
Moderator: *Matthew D. Bacchetta, MD, MBA, MA*

12:50pm – 1:05pm	Cancer and Advanced Lung Disease: Surgery vs. radiosurgical options — <i>Joshua R. Sonett, MD, FACS</i>
1:05pm – 1:20pm	Diaphragm Disorders — <i>Mark E. Ginsburg, MD</i>
1:20pm – 1:35pm	Lung Transplantation for End Stage Lung Disease — <i>Selim M. Arcasoy, MD, MPH</i>
1:35pm – 1:50pm	Bridge to Transplantation — <i>Cara L. Agerstrand, MD</i>
1:50pm – 2:05pm	Evolving Treatment in Lung Support: ECMO — <i>Daniel Brodie, MD</i>
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*



New York-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
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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

New York-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 Esiason 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)

Course Organizers

Program Administrator

Deborah Schwarz, RPA, CIBE

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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 = NEWYORK-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
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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**

Please print or type

First Name	M.I.	Last Name	Degree(s)
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Company/Institution

Address

City	State	Zip
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Daytime Phone	Daytime Fax
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E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature	Date
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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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