Fifth Annual Advances in Pulmonary and Critical Care Medicine CME Symposium

Friday, September 14, 2018
Northwestern Medicine
Prentice Women’s Hospital
Chicago, Illinois
7:15 am - 3:00 pm

Sponsored by Northwestern Medicine

REGISTER ONLINE: www.pulmonary2018.com
Large gaps between evidence-based care and actual clinical practice exist in pulmonary medicine and they carry a significant health burden. There have been several recent advances in the treatment of patients with various pulmonary conditions. Given the specialized nature of these diseases, it is difficult for the community physician in clinical practice to maintain up-to-date knowledge regarding the diagnosis and treatment of these conditions.

This educational program is designed for pulmonologists and other healthcare providers involved in the care of patients with pulmonary disease. There will be didactic lectures, two hands-on breakout sessions and case discussions. We are honored to welcome Nichole T. Tanner, MD, MSCR, Associate Professor of Medicine and Co-Director of the Lung Cancer Screening Program at the Medical University of South Carolina, to join the Northwestern faculty in compelling and interactive discussions.

**PROGRAM OBJECTIVES**

After attending this educational activity, participants should be able to:

1) Explain and demonstrate advanced bronchial hygiene modalities for hyperinflation and airway clearance in patients with advanced lung disease.

2) Describe the clinical, radiographic, and pathologic differences in patients with interstitial pneumonia with autoimmune features.

3) Describe the diagnosis and new treatment modalities for patients with lung cancer.

4) Review the complexity of guideline driven therapy for Group B patients with chronic obstructive pulmonary disease.

5) Compare the different modalities of treatment in patients with chronic thromboembolic pulmonary hypertension.

6) Explain the role of noninvasive ventilation in the treatment of patients with chronic obstructive pulmonary disease.

7) Describe the use of extracorporeal membrane oxygenation in the treatment of critically ill patients.

8) List important radiographic findings in the diagnosis of pulmonary diseases.


For more information, please contact Sarah Baggs, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at sbaggs@nm.org.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>7:15 am</td>
<td>Breakfast and Registration</td>
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<tr>
<td>8:00 am</td>
<td>Respiratory Extracorporeal Membrane Oxygenation in 2018: Evidence, Controversies, and a Look Ahead James Walter, MD</td>
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<tr>
<td>8:40 am</td>
<td>Treatment of Chronic Thromboembolic Pulmonary Hypertension: Beyond Anticoagulation Michael J. Cuttica, MD, MS, and Comprehensive Clot Clinic Team (Kush R. Desai, MD, Daniel Schimmel, MD, MS, S. Chris Malaisrie, MD, and Karlyn Martin, MD)</td>
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<tr>
<td>9:10 am</td>
<td>Noninvasive Ventilation in Chronic Obstructive Pulmonary Disease John M. Coleman III, MD</td>
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<td>9:45 am</td>
<td>Personalizing Care in COPD: Can New Evidence Successfully be Applied in Practice? Ravi Kalhan, MD, MS, and Sharon R. Rosenberg, MD, MS</td>
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<tr>
<td>10:25 am</td>
<td>Break</td>
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<tr>
<td>10:40 am</td>
<td>Hands-On Breakout Sessions</td>
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<td>Option 1: Pulmonary Hygiene</td>
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<td>Michelle Prickett, MD, and RT</td>
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<td>Option 2: Radiology Interactive</td>
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<td>Rishi Agrawal, MD</td>
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<td>11:40 am</td>
<td>Small Group Q&amp;A—Working Lunch</td>
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<td>12:40 pm</td>
<td>Interstitial Pneumonia with Autoimmune Features:A New Classification of Interstitial Lung Disease and Consideration of Treatment Options Rishi Agrawal, MD, Ankit Bharat, MD, Sangeeta M. Bhorade, MD, Jane Dematte, MD, MBA, and Anjana V. Yeldandi, MD</td>
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<td>1:20 pm</td>
<td>Lung Cancer Diagnosis Case Discussions</td>
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<td>Christine Argento, MD, Colin Gillespie, MD, and Nichole T. Tanner, MD, MSCR</td>
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<td>2:00 pm</td>
<td>Tiny Spot, Huge Problem—Updates on Pulmonary Nodule Diagnostics and Evaluation Nichole T. Tanner, MD, MSCR</td>
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<td>3:00 pm</td>
<td>Adjournment</td>
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Program Course Directors

Sangeeta M. Bhorade, MD
Medical Director,
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Professor of Pulmonary
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Feinberg School of Medicine

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Associate Professor of Pulmonary
and Critical Care
Northwestern University
Feinberg School of Medicine

Susan R. Russell, MD
Associate Chief for Clinical Affairs
Northwestern Memorial Hospital
Assistant Professor of Pulmonary
and Critical Care
Northwestern University
Feinberg School of Medicine
Invited Faculty

Nichole T. Tanner, MD, MSCR
Associate Professor of Medicine
Co-Director, Lung Cancer Screening Program
Division of Pulmonary, Critical Care, Allergy and Sleep Medicine
Medical University of South Carolina

Program Faculty

Rishi Agrawal, MD
Assistant Professor of Radiology
Northwestern University
Feinberg School of Medicine

Ankit Bharat, MD
Surgical Director,
Lung Transplant Program
Northwestern Memorial Hospital
Assistant Professor of Thoracic Surgery and Pulmonary and Critical Care Medicine
Northwestern University
Feinberg School of Medicine

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Assistant Professor of Pulmonary and Critical Care and Neurology
Northwestern University
Feinberg School of Medicine

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Northwestern Memorial Hospital
Associate Professor of Pulmonary and Critical Care
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Professor of Pulmonary and Critical Care
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Section of Interventional Radiology
Department of Radiology
Northwestern University
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Director, Asthma and COPD Program
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Professor of Pulmonary and Critical Care and Preventive Medicine
Northwestern University
Feinberg School of Medicine

S. Christopher Malaisrie, MD
Co-Director, Marfan Clinic, Bicuspid Aortic Valve Clinic, Thoracic Aortic Surgery Program
Bluhm Cardiovascular Institute
Chairman, Blood Transfusion Committee
Northwestern Memorial Hospital
Program Director, Thoracic Surgery Residency
Associate Professor of Cardiac Surgery
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Feinberg School of Medicine

Michelle Prickett, MD
Associate Director, Adult Cystic Fibrosis Program
Medical Director, Respiratory Care
Northwestern Memorial Hospital
Assistant Professor of Pulmonary and Critical Care
Northwestern University
Feinberg School of Medicine

Daniel R. Schimmel, MD, MS
Acute Pulmonary Embolism Response Team, Executive Committee
Pharmacy and Therapeutics Safety Committee, Chair
Bluhm Cardiovascular Institute
Assistant Professor of Interventional Cardiology
Northwestern University
Feinberg School of Medicine

James Walter, MD
Assistant Professor of Pulmonary and Critical Care
Northwestern University
Feinberg School of Medicine

Anjana V. Yeldandi, MD, FCAP
Associate Professor of Pathology
Northwestern University
Feinberg School of Medicine
Program Location
The program will be held at Northwestern Medicine Prentice Women's Hospital, 250 East Superior Street, Third Floor, Conference Room L South, Chicago, IL.

Directions and Parking
Please visit nm.org for directions to the conference. We offer discounted parking in the garage just south of the hospital at 222 E. Huron Street.

Hotel Accommodations
To make a hotel reservation, please visit here to find the list of participating hotels who offer a Northwestern discount. We recommend you make your reservations as soon as possible to ensure accommodations.

Registration Fee
The fee is $85 for physicians and $45 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds after August 31.

Registration Procedure
To register online, please visit here. If paying with check, please mail your check, made payable to Northwestern Memorial Hospital (CME), to the following address, prior to August 31.

Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street, Galter 3-104H
Chicago, IL 60611

Accreditation Statement
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACME) to provide continuing medical education for physicians.

Credit Designation Statement
The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of 6.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses
The American Nurses Credentialing Center (ANCC) and the Illinois Department of Financial and Professional Regulation accept AMA PRA Category 1 Credits™ from organizations accredited by the ACCME for relicensure & recertification requirements. 1 CME credit is equivalent to 1 contact hour. Your certificate of completion, which includes the number of CME credits awarded, is the only documentation required.

MOC
Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 6.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Family Attractions
Prentice Women's Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, public transportation and the Magnificent Mile, Chicago’s premier shopping area. For a complete listing of Chicago attractions, visit choosechicago.com/things-to-do/.
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Registration Form

Registration Category
- Physician........................................................................................................................................................................... $85
- Trainee or nurse..................................................................................................................................................................... $45

How to Register
 ONLINE: www.pulmonary2018.com
 OR MAIL with check (payable to Northwestern Memorial Hospital (CME))
 Sarah Baggs
c/o Northwestern Memorial HealthCare
675 North St. Clair Street
Galter 3-104H
Chicago, IL 60611

For Questions:
 Email: sbaggs@nm.org
 Phone: 312-926-7975

Please Type or Print
Last Name ____________________________________________ First Name ______________________________________________
Title __________________________________________________________________________________________________________
- Physician  - Trainee  - Nurse

Please choose a breakout session:
- Option 1 Pulmonary Hygiene  - Option 2 Radiology Interactive

Institution ______________________________________________________________________________________________________
Address _______________________________________________________________________________________________________
City __________________________ State ___________ ZIP Code ________________
E-mail (Required) __________________________ Your registration confirmation will be e-mailed

Specialty _______________________________________________________________________________________________________
Special Dietary Requirements _____________________________________________________________________________________
Disability Accommodations ________________________________________________________________________________________

How did you hear about our program?
- Brochure  - E-mail  - Website  - Word of Mouth  - Previous Attendee

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