



# 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](http://www.pulmonary2018.com)**

# Fifth Annual Advances in Pulmonary and Critical Care Medicine CME Symposium

**Course Directors: Sangeeta M. Bhorade, MD, Sharon R. Rosenberg, MD, MS, and Susan R. Russell, MD**

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.
- 9) Explain the role of lung transplantation in the treatment of interstitial lung disease.

For more information, please contact **Sarah Baggs**, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at [sbaggs@nm.org](mailto:sbaggs@nm.org).

# Friday, September 14

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



# Program Course Directors

**Sangeeta M. Bhorade, MD**

*Medical Director,  
Lung Transplant Program*  
Northwestern Memorial Hospital  
*Professor of Pulmonary  
and Critical Care*  
Northwestern University  
Feinberg School of Medicine

**Sharon R. Rosenberg, MD, MS**

*Co-Director, Asthma  
and COPD Program*  
Northwestern Memorial Hospital  
*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*

## **John M. Coleman III, MD**

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

## **Michael J. Cuttica, MD, MS**

*Director, Pulmonary  
Hypertension Program  
Northwestern Memorial Hospital  
Associate Professor of Pulmonary  
and Critical Care  
Northwestern University  
Feinberg School of Medicine*

## **Jane E. Dematte, MD, MBA**

*Director, Interstitial Lung  
Disease Program  
Northwestern Memorial Hospital  
Professor of Pulmonary  
and Critical Care  
Northwestern University  
Feinberg School of Medicine*

## **Kush R. Desai, MD**

*Assistant Professor of Radiology  
Section of Interventional Radiology  
Department of Radiology  
Northwestern University  
Feinberg School of Medicine*

## **Ravi Kalhan, MD, MS**

*Associate Chief for Clinical  
and Translational Research  
Director, Asthma and COPD Program  
Northwestern Memorial Hospital  
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  
Northwestern University  
Feinberg School of Medicine*

## **Karlyn A. Martin, MD**

*Assistant Professor of  
Hematology and Oncology  
Northwestern University  
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](http://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 (ACCME) 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)*<sup>™</sup>. 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<sup>™</sup> 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/](http://choosechicago.com/things-to-do/).

# Registration Form

## Registration Category

- Physician..... \$85  
 Trainee or nurse..... \$45

## How to Register

 **ONLINE:** [www.pulmonary2018.com](http://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](mailto:sbaggs@nm.org)

**Phone:** 312-926-7975

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## 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 \_\_\_\_\_

*Advance notification required*

Disability Accommodations \_\_\_\_\_

*Please advise us of your needs*

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## How did you hear about our program?

Brochure     E-mail     Website     Word of Mouth     Previous Attendee