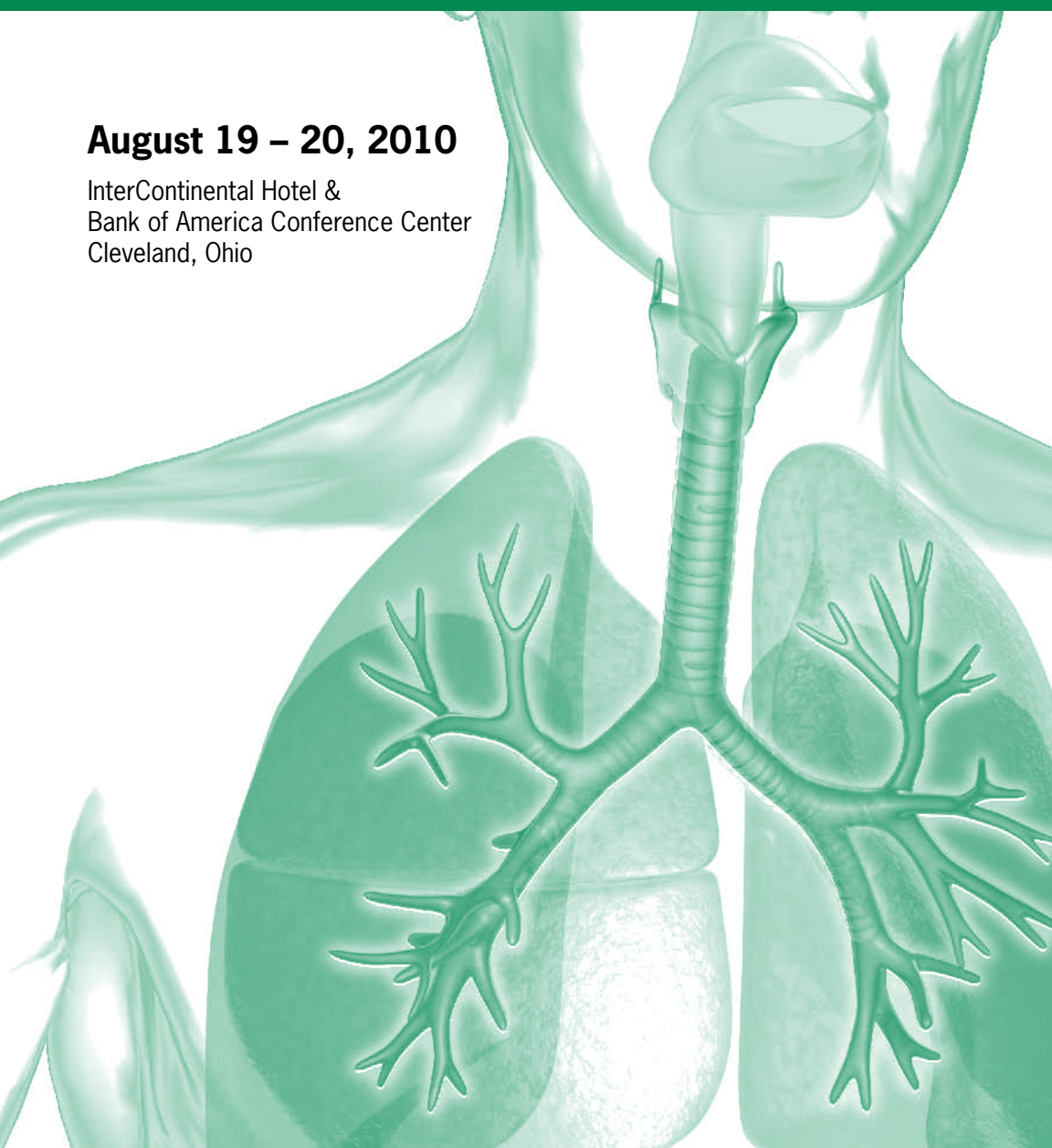


# Lung Summit: Innovations in Pulmonary and Critical Care Medicine

**August 19 – 20, 2010**

InterContinental Hotel &  
Bank of America Conference Center  
Cleveland, Ohio



Register Online Today! [www.ccfcm.org/Lung10](http://www.ccfcm.org/Lung10)

## Summit Overview

The Cleveland Clinic Center for Continuing Education and the Respiratory Institute presents *Lung Summit: Innovations in Pulmonary & Critical Care Medicine*. This educational activity will provide an evidence-based review and clinical practice analysis of research and treatment advances in several areas of respiratory medicine with the overall goal of improving outcomes in this patient population.

## Sessions

- Sleep Disorders
- Lung Transplantation – What the Community Practitioner Needs to Know
- The Treatment of Severe Asthma
- Pulmonary Manifestations of Systemic Disease

## Learning Objectives

After completing this learning activity, the participant will be able to do the following:

- Identify the most clinically important research on sleep disorders, especially findings related to the effect of sleep apnea on cardiovascular and pulmonary disorders;
- Discuss controversies and evolving management strategies for sleep disorders;
- List clinically important innovations in lung transplantation techniques and describe their effects on expanding patient selection criteria;
- Assess and treat postoperative complications associated with lung transplantation;
- Review the changing role of exhaled nitric oxide in the diagnosis and management of patients with asthma;
- Describe therapeutic advances for severe asthma, especially efficacy and safety data on bronchial thermoplasty, and evaluate their use in clinical practice;
- Evaluate research data on pulmonary manifestations in systemic diseases including connective tissue disorders, inflammatory gastrointestinal disorders, and renal disease.

## Intended Audience

Pulmonologists, general internists, family practice physicians, lung transplant physicians, and allied health practitioners who practice in areas of respiratory and critical care medicine will find this Summit valuable in their clinical practice.

## Activity Co-Directors

### Anita J. Reddy, MD

Associate Physician, Respiratory Institute  
Cleveland Clinic

### Joseph G. Parambil, MD

Associate Physician, Respiratory Institute  
Cleveland Clinic

## Organizing Committee

### Herbert P. Wiedemann, MD, MBA

Chairman, Respiratory Institute  
Cleveland Clinic

### Daniel M. Laskowski, BS, RFPT, CCRC

Director of Advanced Physiology Core  
Respiratory Institute & Department of Pathobiology  
Cleveland Clinic

## Guest Faculty

### Bekele Afessa, MD, FCCP

Associate Professor of Medicine  
Division of Pulmonary and Critical Care Medicine  
Mayo Clinic  
Rochester, MN

### Vivek Ahya, MD

Medical Director, Lung Transplantation Program  
Assistant Professor of Medicine  
Pulmonary, Allergy, and Critical Care Division  
University of Pennsylvania School of Medicine  
Philadelphia, PA

### Sean Caples, DO

Center for Sleep Medicine  
Division of Pulmonary and Critical Care Medicine  
Assistant Professor of Medicine  
College of Medicine  
Mayo Clinic  
Rochester, MN

### Monica Kraft, MD

Director, Duke Asthma, Allergy and Airway Center  
Professor of Medicine  
Duke University Medical Center  
Durham, NC

## Cleveland Clinic Faculty

### Loutfi S. Aboussouan, MD

Respiratory Institute

### Muzaffar Ahmad, MD

Respiratory Institute

### Mark Aronica, MD

Respiratory Institute

### Rendell W. Ashton, MD

Respiratory Institute

### Robin Avery, MD

Infectious Disease, Transplantation Center  
Medicine Institute

### Marie Budev, DO, MPH

Medical Director, Lung Transplantation  
Respiratory Institute

### Jeffrey T. Chapman, MD

Director, Interstitial Lung Disease Program  
Respiratory Institute

### Daniel Culver, DO

Respiratory Institute

### Raed Dweik, MD

Respiratory Institute

### Serpil Erzurum, MD

Co-Director, Asthma Center  
Respiratory Institute

### Nancy Foldvary-Schaefer, DO

Director, Sleep Disorders Center  
Respiratory Institute

### Thomas R. Gildea, MD

Co-Director, Center for Major Airway Diseases  
Respiratory Institute

### Fred Hsieh, MD

Respiratory Institute

### David Lang, MD

Section Head, Allergy/Immunology  
Respiratory Institute

### Michael S. Machuzak, MD

Respiratory Institute

### Omar A. Minai, MD

Respiratory Institute

### Carlos Rodriguez, MD

Sleep Disorders Center  
Respiratory Institute

## Thursday, August 19, 2010

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7:00 am Registration, Continental Breakfast, and Exhibits

### Lung Transplantation – What the Community Practitioner Needs to Know

Moderator: *Marie Budev, DO, MPH*

#### Sleep Disorders

Moderator: *Loufti Aboussouan, MD*

7:55 am Welcome

1:05 pm When to Refer Patients for Lung Transplant  
*Jeffrey Chapman, MD*

8:00 am Obstructive Sleep Apnea and Noninvasive Ventilation  
*Nancy Foldvary-Schaefer, DO*

1:50 pm Post-Lung Transplant Care for the Primary Care Physician  
*Marie Budev, DO, MPH*

8:45 am Hypersomnias and the Multiple Sleep Latency Test  
*Carlos Rodriguez, MD*

2:35 pm Refreshments and Exhibits

9:30 am Refreshments and Exhibits

2:55 pm Approach to Infectious Complications after Lung Transplantation  
*Robin Avery, MD*

9:50 am Sleep Apnea and Pulmonary Hypertension  
*Omar Minai, MD*

3:40 pm Airway Complications after Lung Transplantation  
*Michael Machuzak, MD*

10:35 am Noninvasive Ventilation in Neuromuscular Disorders  
*Loufti Aboussouan, MD*

4:25 pm ICU Care of the Lung Transplant Patient  
*Vivek Ahya, MD*

11:20 am Cardiovascular Abnormalities and Sleep Apnea  
*Sean Caples, DO*

5:00 pm Adjourn

12:05 pm Lunch

## Friday, August 20, 2010

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7:00 am Registration, Continental Breakfast, and Exhibits

### Pulmonary Manifestations of Systemic Disease

Moderator: *Muzaffar Ahmad, MD*

#### The Treatment of Severe Asthma

Moderator: *Serpil Erzurum, MD*

7:55 am Welcome

1:50 pm Lung in Connective Tissue Diseases  
*Jeffrey Chapman, MD*

8:00 am Confounding Factors in Asthma Treatment  
*Fred Hsieh, MD*

2:35 pm Pulmonary Manifestations of Inflammatory Gastrointestinal Disorders  
*Rendell Ashton, MD*

8:45 am Exhaled Nitric Oxide in Asthma Care  
*Raed Dweik, MD*

3:20 pm Refreshments and Exhibits

9:30 am Severe and Difficult to Treat Asthma  
*David Lang, MD*

3:40 pm Pulmonary-Renal Syndromes  
*Daniel Culver, DO*

10:15 am Refreshments and Exhibits

4:25 pm Pulmonary Complications of Bone Marrow Transplantation  
*Bekele Afessa, MD*

10:35 am Use of Biologics in Asthma  
*Mark Aronica, MD*

5:00 pm Adjourn

11:20 am Bronchial Thermoplasty in Asthma  
*Thomas Gildea, MD*

12:05 pm New and Emerging Therapies in Asthma  
*Monica Kraft, MD*

12:50 pm Lunch

# General Information

## Location

InterContinental Hotel & Bank of America  
Conference Center  
9801 Carnegie Avenue  
Cleveland, OH 44106  
Phone: 216-707-4100 or 877-707-8999  
Fax: 216-707-4101

## Hotel Accommodations

A block of rooms has been reserved at the InterContinental Hotel until 5:00 PM ET, July 16, 2010. To make your reservations, contact the Hotel Reservations Department at 216-707-4100 or 1-877-707-8999. Please identify yourself as being with the Cleveland Clinic Lung Summit, (online code LF6) for a special rate of \$189 single/double plus tax. The hotel and conference center is located on the campus of the Cleveland Clinic.

## Ground Transportation

Taxi service is available from Cleveland Hopkins International Airport to the InterContinental Hotel & Bank of America Conference Center. As an alternative, take the rapid transit train from the airport to the Terminal Tower in downtown Cleveland and from there take a taxi to the InterContinental Hotel & Bank of America Conference Center.

## Information

For further information about this summit, contact the Cleveland Clinic Center for Continuing Education at:

Local: 216-448-0770  
Toll Free: 800-238-6750

Web Address: [www.ccfme.org/Lung10](http://www.ccfme.org/Lung10)

For questions about registering, call 216-448-0777, or e-mail [cmeregistration@ccf.org](mailto:cmeregistration@ccf.org)

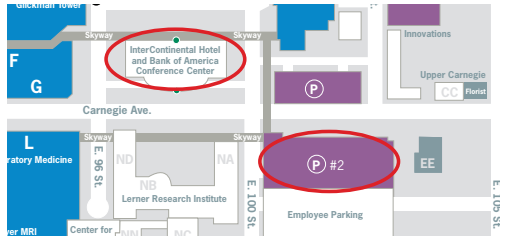
For emergency phone calls during the summit, call 216-707-4100 and ask for the Cleveland Clinic Lung Summit Registration Desk.

## Registration and Cancellation

Preregistrations are accepted by fax or online until 4:00 pm ET, Tuesday, August 17, 2010. To register after this date you must do so on-site. In case of cancellation, a full refund will be made if canceled by August 3, 2010. After August 3, a \$50 cancellation fee will be deducted from your refund. Written notification of your cancellation is required to process your refund. **NO REFUNDS WILL BE ISSUED AFTER SEPTEMBER 30, 2010.**

## Parking

Parking is available in the 100th Street Visitor's Parking Garage for a charge of \$10 per day. Valet parking is available at the hotel for an additional charge.



## Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this educational activity for a maximum of 15 *AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association Council on Continuing Medical Education for Category 2 credit.

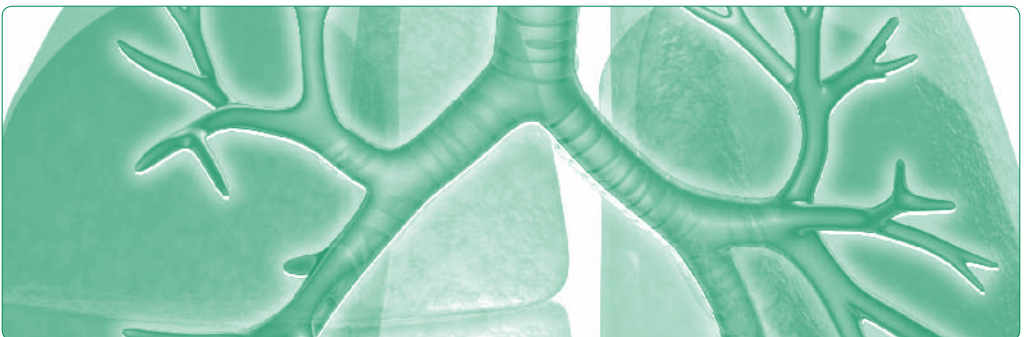
The Ohio Board of Nursing will accept at face value the number of contact hours awarded for an educational activity that has been approved for CE by a nationally accredited system of CE approval. Therefore, the 15 *AMA PRA Category 1 Credits™* will be accepted for nursing credits.

## Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

## Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify the Cleveland Clinic Center for Continuing Education at 216-448-0770 or toll free at 800-238-6750 at least two weeks prior to the activity.



# Registration Form

## Lung Summit: Innovations in Pulmonary and Critical Care Medicine

Course 011690 • Office Use Only

Fee \_\_\_\_\_ Date \_\_\_\_\_

MOP \_\_\_\_\_ CXL/Fee \_\_\_\_\_

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InterContinental Hotel and Bank of America Conference Center | Cleveland, OH

### Fees

Fee includes syllabus, continental breakfast, and lunch.

	Before	Onsite
<input type="checkbox"/> Physician	\$475.00	\$525.00
<input type="checkbox"/> Cleveland Clinic Alumnus	\$285.00	\$335.00
<input type="checkbox"/> Resident*/Fellow*	\$100.00	\$150.00
<input type="checkbox"/> Nurses	\$225.00	\$275.00
<input type="checkbox"/> Allied Health/Other	\$225.00	\$275.00
<input type="checkbox"/> CompreCare Affiliate Member (ID# _____)	\$308.75	\$308.75

\* Letter from Program Director must be received in our office prior to the summit in order to receive this fee. Payment must be received prior to admittance to the Summit. Purchase orders are not accepted.

### Register Online

[www.ccfcm.org/Lung10](http://www.ccfcm.org/Lung10)

**ONCE YOU REGISTER ONLINE, PLEASE DO NOT FAX A REGISTRATION FORM.**  
CCF main campus, family health centers, and CCHS community hospital employees (physicians and non-physicians) please register online at the above web address.

### Complete the information below if registering by mail or fax

#### PLEASE PRINT

Last Name:	First Name:	MI:		
Degree/Title:	Specialty:			
Office/Institution:				
Preferred Mailing Address:				
City:	State:	Zip:		
Phone:	Fax:			
Email Address:				
Practice Type:	<input type="checkbox"/> Office-Based	<input type="checkbox"/> Hospital Staff	<input type="checkbox"/> Resident/Fellow	<input type="checkbox"/> Other

#### MAKE CHECK PAYABLE TO: The Cleveland Clinic Education Foundation OR CHARGE TO THE FOLLOWING ACCOUNT:

<input type="checkbox"/> Visa	<input type="checkbox"/> MasterCard	<input type="checkbox"/> American Express	<input type="checkbox"/> Discover
Card Number:	Expiration Date:		
3 or 4 Digit Verification Number:			
Signature:			

*not valid without signature*

**Fax Number:** 216-448.0783

**Mailing address:** The Cleveland Clinic Educational Foundation  
PO Box 931653, Cleveland, OH 44193-1082

**For questions about registering, call 216.448.0777 or email [CMRegistration@ccf.org](mailto:CMRegistration@ccf.org)**



**Cleveland Clinic**

The Cleveland Clinic Foundation  
Center for Continuing Education  
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Cleveland, OH 44195

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**Cleveland Clinic**  
Over 75 Years of Excellence in  
CONTINUING MEDICAL EDUCATION