Duke University Severe Asthma Conference – Mechanisms, Diagnosis, and Treatments

October 3, 2015

 Searle Conference Center

Duke University

Durham, NC



Sponsored by Duke Asthma, Allergy, and Airways Center



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**PROGRAM OVERVIEW**

This daylong, continuing education symposium provides a wide range of current topics by leading experts to help healthcare providers to better understand the mechanism, diagnosis, and therapies for severe asthma. Severe asthma patients experience frequent debilitating symptoms and limitations, often leading to severe exacerbations and represent a very important segment of the asthma population. Topics will be presented to assist healthcare providers in the management of severe asthmatics in the outpatient and inpatient settings. In addition, key areas of research, including the Severe Asthma Research Program, airway biomarkers, and novel airway technology will also be presented. To facilitate interactions between faculty and the audience, each general session presentation will allow for questions and panel discussions will also occur. Come join us for the day to learn more about severe asthma and how to impact outcomes for an important cause morbidity and mortality.

**OBJECTIVES**

The overall goals of this program are to enhance learner’s knowledge and their ability to incorporate evidence-based medicine and best practices into their work settings and communities. At the conclusion of this activity, the participant should be able to:

1. Recognize the perspective of the patient with severe asthma
2. Describe current and future biomarkers used for the diagnosis and management of severe asthma
3. Explain how to define and manage asthma-COPD overlap syndrome
4. Describe the Severe Asthma Research Program and research projects
5. Describe new drug therapies and new information on drugs used in the treatment of severe asthma
6. Describe the environmental factors contributing to obstructive airways diseases
7. Understand the novel application of MRI with hyperpolarized gas in obstructive airways disease
8. Discuss strategies and interventions in managing severe asthma in the ICU setting
9. Discuss strategies to optimize the recognition, diagnosis and management of severe asthma in the pediatric population

**TARGET AUDIENCE**

This program is designed for physicians (including primary care, pulmonologists, hospitalists, allergists, ED), public health practitioners, nurse practitioners, physician assistants, respiratory therapists, and pharmacists involved in the prevention, treatment, and management of patients with Severe Asthma. Providers from North Carolina are invited.

**REGISTRATION**

Online registration and additional information can be found on Duke University’s School of Medicine Continuing Education web link <http://continuingeducation.dcri.duke.edu/severe-asthma-conference-%E2%80%93-mechanisms-diagnosis-and-treatments>

**FEES**

$50 for all healthcare providers (See types of credits available).

Registration fee includes administrative costs, continental breakfast, and lunch.

**CANCELLATION POLICY**

All cancellation requests must be submitted in writing or via email to dcri.cme@dm.duke.edu. Cancellation requests must be received on or before Sept 21. Cancellations before or on this date will receive 50% refund minus a 5% processing fee.

**EVENT CONTACTS**

For registration questions, please contact dcri.cme@dm.duke.edu or 919-668-8916. For program questions, please contact Roy Pleasants at roy.pleasants@duke.edu.

**CREDIT DESIGNATION**



In support of improving patient care, the Duke University Health System Department of Clinical Education and Professional Development is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the health care team.



Physicians: Duke University Health System Department of Clinical Education and Professional Development designates this live activity for a maximum of 5.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Nursing: Duke University Health System Department of Clinical Education and Professional Development designates this activity for up to 5.0 credit hours for nurses. Nurses should claim only credit commensurate with the extent of their participation in this activity.

Pharmacists: Duke University Health System Department of Clinical Education and Professional Development designates this activity for a maximum of 5.0 ACPE credit hours. Universal Activity Numbers: 0851-0000-15-042-L01-P

Respiratory Therapists: 5.0 Contact Hours CRCE Credit Application being made to the American Association for Respiratory Care (AARC) for continuing education contact hours for respiratory therapists

The Duke University School of Medicine designates this live activity as *6.0 AMA PRA Category I Credit(s)TM*

0.6 CEUs from Duke University School of Medicine

6.0 Contact hours CRCE Credit (application being made for the American Association of Respiratory Care (AARC) for continuing education contact hours for respiratory therapists

 6.0 Contact hours ACPE credit. The Office of Continuing Medical education at the Duke Clinical Research Institute is accredited by the Accreditation Council for Pharmacy education as providers of continuing pharmacy education. No partial credit will be offered for pharmacists. To receive CE credit, attendance must be acknowledged at the registration desk upon arrival to the program and the program evaluation completed online

**DISCLOSURE**

The Duke University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee and faculty’s commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

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IACET: Duke University Health System Clinical Education & Professional Development is authorized by IACET to offer 0.5 CEU's to participants who meet all criteria for successful completion of this educational activity. Successful completion is defined as (but may not be limited to) 100% attendance, full participation and satisfactory completion of all related activities, and completion and return of evaluation at conclusion of the educational activity. Partial credit is not awarded.

Duke University Health System Clinical Education & Professional Development has been approved as an Authorized Provider by the International Association for Continuing Education &Training (IACET), 7918 Jones Branch Road, Suite 300, McLean, VA 22102. In obtaining this approval, Duke University Health System Clinical Education & Professional Development has demonstrated that it complies with the ANSI/IACET 1-2013 Standard, which are widely recognized as standards of good practice internationally. As a result of Authorized Provider status, Duke University Health System Clinical Education & Professional Development is authorized to offer IACET CEU’s for its programs that qualify under the ANSI/IACET 1-2013 Standard.

**COMMERCIAL SUPPORT ACKNOWLEDGEMENT**

This CME activity is supported by educational grants. A complete list of supporters will be published in the course syllabus and announced at the Symposium.

**AGENDA (Saturday October 3, 2015)**

 8:30 – 8:45 “Perspective of the patient” – Severe asthma patient

 8:45 - 9:25 “Asthma in the ICU setting”– Neil MacIntyre, MD (Duke University)

 9:25 – 10:05 “Managing the pediatric patient with severe asthma” Michelle Hernandez, MD (UNC Chapel Hill)

 10:05 – 10:45 “Asthma/COPD overlap syndrome” - Jim Donohue, MD (UNC-Chapel Hill)

 10:45 – 11:25 “Environmental factors contributing to severe asthma”- Dave Peden, MD (UNC-Chapel Hill)

 11:25 – 11:45 Panel Discussion

 11:45 – 12:35 Lunch

 12:35 – 1:15 “Status of severe asthma research in 2015” – Gene Bleecker, MD (Wake Forest University)

 1:15 – 1:55 “Current and future treatments for severe asthma” – Wendy Moore, MD (Wake Forest University)

 1:55 -2:35 “Biomarkers for severe asthma” – Loretta Que, MD (Duke University)

 2:35 – 3:15 ”Role of MRI in asthma" – Bastiaan Driehuys, PhD (Duke University)

 3:15 – 3:35 Panel discussion

**CONFERENCE CO-CHAIRS**

Njira Lugogo, MD; Neil MacIntyre, MD; Roy Pleasants, PharmD, John Davies, RRT

**FACULTY**

Undisclosed severe asthma patient

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**Directions and Parking (Searle Conference Center, Duke University Hospital)**

**Address: 10 Searle Dr., Durham, North Carolina 27705**

N.C. 147 (Durham Freeway).

      Take second exit (#15B) off Durham Freeway

      Turn Right onto Fulton St. South.

      Turn Right at the second light unto Erwin Road

      Turn Left at the second light unto Research Drive

      (Go straight through traffic circle)

 5th and Last Building on your left is the Bryan Research Building

      Turn Left at the first street after the Bryan Research Building (Searle Drive)

 Park in Bryan Research parking garage (free parking for attendees)

 Meeting is on lower level of Searle Building (Medical Center Library building)