You’re invited to the 12th Annual Update in Pulmonary Hypertension!

12th Annual Update in Pulmonary Hypertension

REGISTER TODAY for this one-day conference presenting a critical analysis of the current state of knowledge in the field of Pulmonary Hypertension Medicine.

12.12.2014
Boston Marriott Cambridge
Cambridge, MA

Jointly provided by Tufts University School of Medicine Office of Continuing Education and Tufts Medical Center, Pulmonary, Critical Care and Sleep Medicine
### CONFERENCE AGENDA

**7:00 AM**  
Registration, Light Breakfast and Exhibits Open

**7:45–8:00**  
Welcome  
*Nicholas S. Hill, M.D.*

#### GENERAL SESSION  
**Moderator: Nicholas S. Hill, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>8:00–8:30</td>
<td>Pulmonary Artery Hypertension: New Molecules &amp; New Insights</td>
<td>Ioana Preston, M.D.</td>
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<td>8:30–8:40</td>
<td>Discussion</td>
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<td>8:40–9:10</td>
<td>The RV in Pulmonary Hypertension: What’s Right, What’s Wrong?</td>
<td>Mardi Gomberg-Maitland, M.D.</td>
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<td>9:10–9:20</td>
<td>Discussion</td>
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<td>9:20–9:50</td>
<td>Your PH Patient Needs the Knife: Successful Strategies for Perioperative Risk Management</td>
<td>R. James White, M.D., PhD.</td>
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<td>9:50–10:00</td>
<td>Discussion</td>
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**10:00–10:30**  
Refreshment Break and Exhibits

#### CONCURRENT SESSIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
<th>Nursing Session</th>
<th>Patient Session*</th>
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| 10:30–11:00 | The New Drugs—A Primer  
*Endothelin Pathway*  
*Richard Channick, M.D.* | Transitioning PH Patients from Hospital to Home  
Moderator:  
*Karen Visnaw, B.S., R.N.*  
Panelists:  
*Marlon Villacorta, B.S.N., R.N.*  
*M. Charles Schröder, M.S.W., L.I.S.C.W.* | Update from the Pulmonary Hypertension Association (PHA)  
*Rino Aldrighetti, President, PHA* |
| 11:00–11:30 | *NO-cGMP Pathway*  
*James Klinger, M.D.* |  |  |
| 11:30–12:00 | *Prostaglandin Pathway*  
*Aaron Waxman, M.D.* |  |  |

**12:00–1:00 PM**  
Lunch and Exhibits Open

#### AFTERNOON PLENARY SESSIONS  
**Moderator: Kari Roberts, M.D.**

**MINI-SYMPOSIUM ON CHOOSING THERAPIES IN 2014: A CASE-BASED DISCUSSION**

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<tr>
<th>Time</th>
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</table>
| 1:00–1:30 | Exercise-Induced Pulmonary Arterial Hypertension (PAH)  
Moderator:  
*Corey Ventetuolo, M.D.* |  |
| 1:30–2:00 | Functional Class II, IIIa PAH  
Moderator:  
*Kari Roberts, M.D.* |  |
| 2:00–2:30 | Functional Class IIIb, IV PAH  
Moderator:  
*Joel A. Wirth, M.D.* |  |
| 2:30–3:00 | The Failing PAH Patient  
Moderator:  
*Terence Trow, M.D.* |  |
| 3:00–3:30 | Break and Exhibits |  |
| 3:30–4:30 | The Great Debate:  
*Inhaled Therapies Are Dead*  
*Harrison Farber, M.D.*  
*Inhaled Therapies Are Very Much Alive*  
*Nicholas S. Hill, M.D.* |  |
| 4:45–6:00 | Wine, Cheese, and Posters  
Facilitators:  
*Mary Jo Farmer, M.D.*  
*Raymond J. Foley, D.O.* |  |

*patient sessions are not certified*
12th Annual Update in Pulmonary Hypertension

12.12.2014

Course Director
Nicholas S. Hill, M.D.

Co-Directors
Ioana Preston, M.D.
Kari Roberts, M.D.

Nursing Session Committee
Karen Visnaw, B.S., R.N.
Rosemary Tsacoyianis, M.S., R.N.

Nurse Planner
Catherine B. Wall, R.N., M.S.N., P.N.P-B.C., C.P.O.N.

TARGET AUDIENCE
This educational activity is targeted for the physician (generalists and specialists in pulmonary, cardiology and rheumatology) along with fellows, residents, nurse practitioners, nurses and other healthcare practitioners involved in the diagnosis and care of patients diagnosed with pulmonary arterial hypertension. The conference is also available to patients, caregivers and industry representatives.

GOAL
The goal of this activity is to provide an update on new pathophysiologic concepts likely to lead to new therapeutic approaches and illustrate a variety of diagnostic and therapeutic approaches to various World Health Organization Groups of Pulmonary Hypertension using case-based presentations and discussions from expert panels. We will discuss the pathophysiology of exercise limitation in Pulmonary Hypertension as well as its use as a therapeutic tool. All presentations will be based on current evidence-based guidelines, research and patient-centered outcomes.

LEARNER OBJECTIVES
At the conclusion of the activity, learners will be able to:

1) Identify the current classification, guidelines, and evolving clinical science in Pulmonary Arterial Hypertension as it applies to other disciplines and patient care.
2) Discuss the current and evolving therapeutic approaches in PH and how they drive systemic interventions and practice improvements.
3) Discuss effects of current therapies on patient-centered outcomes such as functional capacity and quality of life indexes, and postulate on the applications of new pharmacotherapies.
4) Debate the merits of inhaled therapies given the recent availability of multiple new oral therapies for PH patients.

ACCREDITATION

PHYSICIANS: This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Tufts University School of Medicine (TUSM) and Tufts Medical Center, Pulmonary, Critical Care and Sleep Medicine. TUSM is accredited by the ACCME to provide continuing medical education for physicians.

TUSM 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.†

NURSES: Tufts University School of Medicine, Office of Continuing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation (COA). This activity provides 6.5 contact hours for nurses.†

REGISTRATION FORM
Date: Friday, December 12th, 2014
Location: Boston Marriott Cambridge, Cambridge, MA

All the fields below are required to process your registration, attendance and post-meeting evaluation forms.

First Name
Last Name

Credentials (circle)
MD DO PhD RN Other (Fill in)

Employer (Clinical or Business Affiliation)

Mailing Address

Telephone

Email Address

Meeting Fees (Circle one – one registration form per person)

$195 Physicians
$295 Industry Attendees (non-booth personnel)

$115 Fellows, Residents, Nurses and other medical professionals
$10 Patients, families and caregivers (refundable at the conference)

Electronic handouts of PPTs are typically available 48 hours prior to, and post, meeting. Wireless internet will be available during the conference.

Please PRINT CLEARLY or TYPE. Make checks payable to Ganesco, Inc. MAIL this registration form with your check to Ganesco, PO Box 1161, Umatilla, FL 32784; OR register and pay online at www.ganesco.com.

For more information on attending and/or to register online, please visit www.ganesco.com.

Cancellation Policy: Registration fee, less $25 administration charge, is refundable if the cancellation request is made to Ganesco by 12.5.2014 via fax (904.212.2044) or phone (412.370.1749). Ganesco is the conference management company.

Cancellation Fee: If cancelled after 12.5.2014, fees are non-refundable.

Refundable at the conference: This fee is refundable only if the cancellation request is made to Ganesco by 12.5.2014 via fax (904.212.2044) or phone (412.370.1749). Ganesco is the conference management company.

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This activity addresses the following ACGME/ABMS/IOC competencies: Patient Care, Medical Knowledge, Interpersonal and Communication Skills, Professionalism, Systems-based Practice, Practice-based Learning and Improvement and Effective Use of Evidence-based Medicine.

DISCLOSURE
Disclosure information from faculty and all other persons in control of content will be provided to participants prior to the beginning of the educational activity.

COMMERCIAL SUPPORT AND EXHIBITORS
A list of commercial supporters and exhibitors will be provided to participants in activity materials.

POLICY DISCLOSURES
ADA/OEO NON-DISCRIMINATION POLICY
Tufts University School of Medicine (TUSM) considers all applicants and activity participants without regard to race, color, national origin, age, religious creed, sex or sexual orientation. TUSM is an Equal Opportunity Employer. TUSM does not discriminate on the basis of a disability in admission, access to treatment, or employment in their programs and activities as identified in the Americans with Disabilities Act. If you have a physical disability, please inform Ganéscó by 11.29.2014 at 412.370.1749 to help us better serve you.

PRIVACY AND CONFIDENTIALITY POLICY
To view the privacy and confidentiality policy of Tufts University School of Medicine, Office of Continuing Education (TUSM OCE), please see http://medicine.tufts.edu/Education/Continuing-Education/Privacy-and-Confidentiality-Policy.

CERTIFICATION
For questions regarding certification, please contact Tufts University School of Medicine, Office of Continuing Education at med-oce@tufts.edu or call 617.636.6579.

FACULTY AFFILIATIONS AND CREDENTIALS

Rino Aldrighetti, President, Pulmonary Hypertension Association, Silver Spring, MD
Richard Channick, M.D., Associate Professor of Medicine, Harvard Medical School; Director, Pulmonary Hypertension and Thromboendarterectomy Program, Massachusetts General Hospital, Boston, MA
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