Dear Colleague,

Please join me along with world renowned expert faculty and colleagues for the Inova Heart and Vascular Institute 2015 Advanced Heart Failure Symposium: Success with Failure. The symposium will take place October 16-17, 2015, at the Fairmont Hotel in Washington, D.C.

At Inova Heart and Vascular Institute, we are dedicated to fostering an academic environment that will expand knowledge and, ultimately, improve patient outcomes. We are thrilled to launch this inaugural symposium, an event for medical professionals who are eager to learn more about innovative practices in Advanced Heart Failure.

We are committed to making this one of the most interactive and effective educational opportunities available. The stage is set for a great annual meeting.

Sincerely,

Christopher O’Connor

Christopher O’Connor, MD, FACC
CEO and Executive Director, Inova Heart and Vascular Institute
Professor of Medicine (adj), Duke University
Editor-in-Chief, JACC: Heart Failure
Overview

The Inova Heart and Vascular Institute 2015 Advanced Heart Failure Symposium provides clinicians with a working knowledge of clinically relevant and up-to-date topics using a combined lecture and case study approach. This interactive, evidence-based conference combines prestigious speakers and cutting-edge clinical research for a practical overview of commonly encountered problems in clinical cardiology, focusing on the prevention, diagnosis and treatment of advanced heart failure.

Statement of Need

Heart failure is a growing public health and economic crisis in the United States and worldwide. In the U.S., hospital discharges for heart failure rose from 399,000 in 1979 to 1,093,000 in 2006, an increase of 176%. That figure has held steady since then, with a discharge estimate of 1,023,000 for 2010, but it may be just a temporary pause as projections show heart failure prevalence will increase 46% from 2012 to 2030, at which point, more than 8 million adults will be living with heart failure in the United States. With approximately 870,000 new cases of heart failure diagnosed annually in adults age 55 years or older, heart failure is now the leading cause of hospitalization among U.S. adults older than 65 years.

Educational Objectives

Upon completion of this course, participants should be able to:

- Review and discuss best practices for acute heart failure therapy, including acute treatment and preventing re-hospitalization.
- Delineate the best practices for when to refer advanced heart failure patients for evaluation for heart transplant or mechanical cardiac support.
- Discuss how new developments in genetics, sports cardiology and cardio-oncology impact heart failure management.
FRIDAY • OCTOBER 16

Reception 6:30 – 8:30 pm
Welcome & Networking Reception

SATURDAY • OCTOBER 17

Registration 7:00 – 7:50 am
Continental Breakfast and Exhibits

Non-CME Breakout Session 7:00 – 7:50 am
ENTRESTO™ (sacubitril/valsartan): Recent Updates
This is a promotional speaker program and is not accredited for CME. The speakers involved in the program are presenting on behalf of Novartis Pharmaceuticals Corporation.

Opening Remarks 7:50 – 8:00 am
Christopher O’Connor, MD – Inova Heart and Vascular Institute
Shashank Desai, MD – Inova Heart and Vascular Institute

Session 1 8:00 – 8:35 am
PREVENTING HEART FAILURE AND READMISSIONS
Moderators: Robert Cole, MD – Emory University
Christopher O’Connor, MD – Inova Heart and Vascular Institute

8:00 – 8:10 am
Can We Prevent Heart Failure with Remote Monitoring and Exercise?
David Whellan, MD – Thomas Jefferson University

8:10 – 8:20 am
The Heart Failure Readmission Problem
Christopher M. O’Connor, MD – Inova Heart and Vascular Institute

8:20 – 8:35 am
Panel Discussion
Robert Cole, MD – Emory University
Christopher May, MD – Inova Heart and Vascular Institute
Christopher O’Connor, MD – Inova Heart and Vascular Institute
David Whellan, MD – Thomas Jefferson University

Session 2 8:35 – 9:55 am
NOVEL APPROACHES TO HEART FAILURE MANAGEMENT
Moderators: G. Michael Felker, MD – Duke University
Milton Packer, MD – UT Southwestern

8:35 – 8:50 am
Guidelines and Beyond: New Drug Therapies for Heart Failure with Reduced Ejection Fraction
Milton Packer, MD – UT Southwestern
8:50 – 9:05 am
Novel Pharmacologic Therapies for Acute Heart Failure
G. Michael Felker, MD, MHS – Duke University

9:05 – 9:20 am
Novel Therapies for HFpEF Management
Peter Carson, MD – Washington DC Veterans Affairs Medical Center

9:20 – 9:35 am
Device Therapies: The Old and the New
William Abraham, MD – Ohio State University

9:35 – 9:55 am
Panel Discussion
William Abraham, MD – Ohio State University
Michael Bristow, MD, PhD – University of Colorado
Peter Carson, MD – Washington DC Veterans Affairs Medical Center
G. Michael Felker, MD, MHS – Duke University
Milton Packer, MD – UT Southwestern
Gurusher Panjrath, MD – Inova Heart and Vascular Institute

Exhibits & Networking Break 9:55 – 10:15 am

Session 3 10:15 – 12:00 pm
HEART FAILURE CO-MORBIDITIES
Moderators: JoAnn Lindenfeld, MD – Vanderbilt University
William Abraham, MD – Ohio State University

10:15 – 10:25 am
Comorbid Conditions: Angina, Depression and Renal Dysfunction
Stephen Gottlieb, MD – University of Maryland

10:25 – 10:35 am
Dyspnea: Is it the Lung or the Heart?
Steven Nathan, MD – Inova Heart and Vascular Institute

10:35 – 10:45 am
The Treatment of Mitral Valve Disease in Heart Failure: Emerging Concepts
JoAnn Lindenfeld, MD – Vanderbilt University

10:45 – 10:55 am
Cardio-Oncology
Stuart Russell, MD – Johns Hopkins University
10:55 – 11:05 am
Heart Failure and HIV
Monica Shah, MD – National Heart, Lung, and Blood Institute

11:05 – 11:15 am
The Obesity Epidemic
Hector Ventura, MD – Ochsner Medical Center

11:15 – 11:25 am
Atrial Fibrillation: The Intersection of Heart Failure and Electrophysiology
Jonathan Piccini, MD – Duke University

11:25 – 12:00 pm
Panel Discussion
William Abraham, MD – Ohio State University
Stephen Gottlieb, MD – University of Maryland
JoAnn Lindenfeld, MD – Vanderbilt University
Paul Massimiano, MD – Inova Heart and Vascular Institute
Steven Nathan, MD – Inova Heart and Vascular Institute
Jonathan Piccini, MD – Duke University
Stuart Russell, MD – Johns Hopkins University
Monica Shah, MD – National Heart, Lung, and Blood Institute
Adam Strickberger, MD – Inova Heart and Vascular Institute
Hector Ventura, MD – Ochsner Medical Center

Lunch & Keynote
12:00 – 1:30 pm
EUGENE BRAUNWALD, MD

12:00 – 12:30 pm
Lunch

12:30 – 1:00 pm
The War on Heart Failure
Eugene Braunwald, MD – Distinguished Professor of Medicine at Harvard Medical School, and Chairman of the TIMI Study Group

1:00 – 1:30 pm
A Conversation with Dr. Braunwald
Moderator: Merdad Ghafoori, DO – Inova Heart and Vascular Institute
Session 4  1:30 – 3:00 pm
ADVANCED HEART FAILURE
Moderators:  Shashank Desai, MD – Inova Heart and Vascular Institute
Joseph Rogers, MD – Duke University

1:30 – 1:45 pm
Identifying the Appropriate Patient for Mechanical Support
Shashank Desai, MD – Inova Heart and Vascular Institute

1:45 – 2:00 pm
Heart Transplantation in 2015
JoAnn Lindenfeld, MD – Vanderbilt University

2:00 – 2:15 pm
Complications from VAD Therapy: Bleeding and Clotting
Joseph Rogers, MD – Duke University

2:15 – 2:30 pm
Surgical Approaches to Advanced Heart Failure
Anthony Rongione, MD – Inova Heart and Vascular Institute

2:30 – 3:00 pm
Panel Discussion
Shashank Desai, MD – Inova Heart and Vascular Institute
JoAnn Lindenfeld, MD – Vanderbilt University
Christopher May, MD – Inova Heart and Vascular Institute
Joseph Rogers, MD – Duke University
Anthony Rongione, MD – Inova Heart and Vascular Institute
Ramesh Singh, MD – Inova Heart and Vascular Institute

Exhibits & Networking Break  3:00 – 3:20 pm

Session 5  3:20 – 4:30 pm
THE ROLE OF BIOMARKERS AND OMICS IN ADVANCED HEART FAILURE
Moderators:  Michael R. Bristow, MD, PhD – University of Colorado
James Januzzi, MD – Massachusetts General Hospital

3:20 – 3:30 pm
NT-proBNP: What Have We Learned and Where are We Going?
G. Michael Felker, MD, MHS – Duke University


\[(Session 5 continued)\]

3:30 – 3:40 pm  
**Biomarkers in Heart Failure – Beyond NT-proBNP**  
James Januzzi, MD – Massachusetts General Hospital

3:40 – 3:50 pm  
**microRNAs and other Omics Approaches**  
Palak Shah, MD – Inova Heart and Vascular Institute

3:50 – 4:00 pm  
**Should Genetics Influence Medication Use?**  
Mona Fiuzat, PharmD – Duke University

4:00 – 4:10 pm  
**Looking to the Future of Personalized Medicine**  
Michael R. Bristow, MD, PhD – University of Colorado

4:10 – 4:30 pm  
**Panel Discussion**  
Michael Bristow, MD, PhD – University of Colorado  
G. Michael Felker, MD – Duke University  
Mona Fiuzat, PharmD – Duke University  
James Januzzi, MD – Massachusetts General Hospital  
Palak Shah, MD – Inova Heart and Vascular Institute

4:30 – 4:45 pm  
**Wrap Up and Closing Remarks**

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**Non-CME Breakout Session**  
5:00 – 5:45 pm  
**Meet the Expert: Biomarkers in the New Era of Heart Failure**  
This is a promotional session and is not accredited for CME. The speakers involved in the program are presenting on behalf of Roche.  
James Januzzi, MD – Massachusetts General Hospital  
Christopher O’Connor, MD – Inova Heart and Vascular Institute

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**Supporters and Sponsors**

The Inova Heart and Vascular Institute 2015 Advanced Heart Failure Symposium gratefully acknowledges the support and sponsorship provided by the following organizations.
INova Heart and Vascular Institute  
2015 Advanced Heart Failure Symposium:  
Success With Failure

Faculty

William Abraham, MD, FACP, FACC, FESC  
- Professor of Internal Medicine  
- Chief of the Division of Cardiovascular Medicine  
- Ohio State University

Eugene Braunwald, MD, MACC  
- Chairman, TIMI Study Group  
- Professor Harvard University

Michael Bristow, MD, PhD, FACC  
- Professor of Medicine  
- University of Colorado

Peter Carson, MD, FACC  
- Cardiologist  
- Washington DC Veterans Affairs Medical Center

Robert Cole, MD  
- Assistant Professor of Medicine  
- Emory University

Shashank Desai, MD, FACC  
- Medical Director  
- Inova Heart and Vascular Institute

Michael Felker, MD, MHS, FACC, FAHA  
- Professor of Medicine  
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Mona Fliazat, PharmD, FACC  
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Merdod Ghafoori, DO, FACC, FAHA  
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- CME Program Director  
- Chief Patient Experience Officer  
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Stephen Gottlieb, MD, FACC, FAHA  
- Professor of Medicine  
- University of Maryland

James Januzzi, MD, FACC, FESC  
- Roman DeSanctis Endowed Scholar  
- Massachusetts General Hospital  
- Hutter Family Professor of Medicine  
- Harvard Medical School

JoAnn Lindenfeld, MD, FACC, FAHA  
- Director, Heart Failure and Transplant Program  
- Vanderbilt University

Paul Massimiano, MD  
- Cardiac and Vascular Surgeon  
- Inova Heart and Vascular Institute

Christopher May, MD, FACC  
- Medical Director  
- Inova Heart and Vascular Institute

Steven Nathan, MD, FCCP  
- Medical Director, Lung Transplant Program Director  
- Advanced Lung Disease Program Co-Director  
- Inova Pulmonary Hypertension Program  
- Inova Heart and Vascular Institute

Christopher O’Connor, MD, FACC  
- Executive Director and CEO  
- Inova Heart and Vascular Institute  
- Professor of Medicine (Adj)  
- Duke University  
- Editor-in-Chief  
- JACC: Heart Failure

Milton Packer, MD, FACC  
- Professor and Chair for the Department of Clinical Sciences  
- University of Texas Southwestern Medical Center

Gurush Panjratth, MD, FACC, FAHA  
- Assistant Professor of Medicine  
- Director of Heart Failure and Mechanical Circulatory Support Program  
- George Washington University  
- Heart Failure Cardiologist  
- Inova Heart and Vascular Institute

Jonathan Piccini, MD, MHS, FACC, FHRS  
- Associate Professor of Medicine  
- Duke University

Joseph Rogers, MD, FACC  
- Professor of Medicine  
- Duke University Medical Center

Anthony Rongione, MD  
- Thoracic and Cardiac Surgeon  
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- Inova Heart and Vascular Institute

Hector Ventura, MD, FACC  
- Section Head, Advanced Heart Failure and Cardiomyopathy  
- Ochsner Medical Center

David Whellan, MD, MHS, FACC, FAHA  
- James C. Wilson Professor of Medicine  
- Associate Provost for Clinical Research  
- Thomas Jefferson University  
- Associate Dean for Clinical Research  
- Sidney Kimmel Medical College  
- Executive Director  
- Jefferson Clinical Research Institute
Registration Information

Registration Fees
Physicians: $150
Nurses, Allied Health, and Other Medical Professionals: $125

Advance registration is encouraged as space is limited. Registration is available online www.inova.org/cardioCME. The registration fees include conference attendance and all planned meals.

Cancellation Policy

Written notice of cancellation received by October 2, 2015 will receive a refund of total registration paid, less a $25 administrative fee. The registration fee is non-refundable for cancellations received after October 2, 2015.

Accommodations

Guest rooms at the Fairmont Washington DC are available to attendees at a discounted rate of $289. In order to receive the special rate, reservations must be made before September 16, 2015. Please note that rooms at the group rate are limited and may be sold out before the cut-off date. Instructions for making hotel reservations will be provided once your registration is confirmed.

Questions?

Contact Rebecca Hanson at 703-776-3068 or rebecca.hanson@inova.org
Target Audience

The Inova Heart and Vascular Institute 2015 Advanced Heart Failure Symposium is designated for cardiovascular clinicians, internists, hospitalists, primary care physicians, fellows and residents in training, advanced practice nurses, nurses in cardiology and other medical professionals.

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Medical Society of Virginia (MSV) through the Inova Health System Office of Continuing Medical Education. The Inova Health System Office of Continuing Medical Education is accredited by the Medical Society of Virginia to provide continuing medical education for physicians.

The Inova Office of Continuing Medical Education designates this educational activity for a maximum of 7 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Physicians may claim up to 7 credits in Type 1 CME on the Virginia Board of Medicine Continued Competency and Assessment Form required for renewal of an active medical license in Virginia.

Faculty Disclosure

In accordance with Continuing Medical Education requirements on disclosure, information regarding any relationships between presenters and commercial interests (if any) will be disclosed at the conference. The faculty is expected to disclose to the program audience any real or apparent conflicts of interest related to the content of their presentations. The faculty is also required to identify any reference to off-label usage or research data included in their presentations.