Inova Heart and Vascular Institute
Cardiovascular Symposium
Contemporary Strategies For Practice Excellence In Cardiovascular Disease
April 15 - 16, 2016
The Ritz Carlton, Tysons Corner
McLean, Virginia
Inova Heart and Vascular Institute

Cardiovascular Symposium

Contemporary Strategies For Practice Excellence In Cardiovascular Disease

April 15 - 16, 2016
The Ritz Carlton, Tysons Corner, McLean, Virginia
Dear Colleague,

Please join us along with world renowned expert faculty and a few hundred of your colleagues for the Inova Heart and Vascular Institute 2016 Cardiovascular Symposium: Contemporary Strategies for Practice Excellence in Cardiovascular Disease. The symposium will take place on April 15-16, 2016 at The Ritz Carlton, Tysons Corner in McLean, Virginia.

Building on past success, this unique symposium continues to be the premier cardiovascular event in Virginia. This program offers a comprehensive review of contemporary strategies in detection, prevention, and treatment of cardiovascular disease through a balanced mix of lectures, interactive discussions, and case presentations. We have assembled a group of internationally recognized faculty who will discuss and present novel information across the broad spectrum of cardiology, including forward-looking sessions focusing on genomics and personalized medicine. By attending this symposium, you will have the opportunity to collaborate with our distinguished expert faculty and an exceptional community of healthcare practitioners, pharmaceutical, medical device, and technology providers to translate the most current clinical information into real world solutions that will undoubtedly make an immediate impact on your day-to-day patient care.

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

Merdod Ghafouri, DO, FACC, FAHA
Medical Director and Chief Patient Experience Officer
Inova Heart and Vascular Institute
Featured Speakers

April 15, 2016

Victor J. Dzau, MD, FACC
President, National Academy of Medicine; Chair, IOM Division Committee, National Academies of Sciences, Engineering, and Medicine; Chancellor Emeritus and James B. Duke Professor of Medicine, Duke University

Keynote Speaker
General Colin Powell, USA (Retired)
64th Secretary of State of the United States of America
Chairman of the Joint Chiefs of Staff (1989-1993)

April 16, 2016

Robert Califf, MD, MACC
Commissioner
U.S. Food and Drug Administration (FDA)
### Friday • April 15, 2016

#### Session 1

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 a.m. - 8:00 a.m.</td>
<td>Registration, Continental Breakfast, Exhibits</td>
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<tr>
<td>7:15 a.m. - 7:50 a.m.</td>
<td><strong>Non-CME Breakout Session, Sponsored by Boehringer-Ingelheim</strong>&lt;br&gt;Reducing The Risk Of Thrombotic Events Across Multiple Indications: A Focus On Non-Valvular Atrial Fibrillation (NVAF) And Introducing Praxbind&lt;br&gt;Don Fintel, MD</td>
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<tr>
<td>8:00 a.m. - 8:10 a.m.</td>
<td><strong>Opening Remarks</strong>&lt;br&gt;Merdod Ghafouri, DO&lt;br&gt;Christopher O’Connor, MD</td>
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<tr>
<td>8:10 - 8:30 a.m.</td>
<td><strong>Featured Speaker</strong>&lt;br&gt;Molecular Approaches to Cardiac Regeneration&lt;br&gt;Victor Dzau, MD</td>
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<td>8:30 - 8:45 a.m.</td>
<td><strong>AHA/ACC Guidelines for Statin Therapy: Controversies</strong>&lt;br&gt;Anthony DeMaria, MD</td>
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<td>8:45 - 9:00 a.m.</td>
<td><strong>PCSK9 Inhibitors: How, Who, and When?</strong>&lt;br&gt;Steven Nissen, MD</td>
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<tr>
<td>9:00 - 9:15 a.m.</td>
<td><strong>What is the LDL Target in Ischemic Heart Disease?</strong>&lt;br&gt;Paul Ridker, MD, MPH</td>
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<tr>
<td>9:15 - 9:45 a.m.</td>
<td><strong>Panel Discussion and Audience Participation</strong>&lt;br&gt;Moderator: Steven Nissen, MD&lt;br&gt;Anthony DeMaria, MD&lt;br&gt;Paul Ridker, MD, MPH&lt;br&gt;Tariq M. Haddad, MD</td>
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<tr>
<td>9:45 - 10:15 a.m.</td>
<td>Exhibit and Networking Break</td>
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<td>(Concurrent events)</td>
<td><strong>Non-CME Breakout Session, Sponsored by Novartis</strong>&lt;br&gt;Highlights of Management of Heart Failure With Reduced Ejection Fraction: Superiority of a Novel Therapy to a Standard of Care Medication</td>
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#### Session 2

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<th>Time</th>
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<tbody>
<tr>
<td>10:15 - 10:45 a.m.</td>
<td><strong>Human Genomics, Precision Medicine, and Improving Human Health</strong>&lt;br&gt;Eric Green, MD, PhD</td>
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<tr>
<td>10:45 - 11:00 a.m.</td>
<td><strong>Genomics and Cardiovascular Disease: From Science to Clinical Implication</strong>&lt;br&gt;Robert Roberts, MD</td>
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<tr>
<td>11:00 - 11:15 a.m.</td>
<td><strong>Application of Big Data in Clinical Care</strong>&lt;br&gt;Steve Harvey</td>
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<tr>
<td>11:15 - 11:30 a.m.</td>
<td><strong>Where Do We Stand with Personalized Antiplatelet Therapy?</strong>&lt;br&gt;Paul Gurbel, MD</td>
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<td>11:30 a.m. - 12:00 p.m.</td>
<td><strong>Panel Discussion and Audience Presentations</strong>&lt;br&gt;Moderator: Eric Green, MD, PhD&lt;br&gt;Robert Roberts, MD&lt;br&gt;Steve Harvey&lt;br&gt;Paul Gurbel, MD</td>
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<tr>
<td>Time</td>
<td>Session 2</td>
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<tr>
<td>12:00 - 2:00 p.m.</td>
<td>Lunch and Keynote Speaker</td>
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<tr>
<td>12:00 - 1:00 p.m.</td>
<td>Lunch</td>
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<td>1:00 - 1:30 p.m.</td>
<td>Keynote Lecture - General Colin Powell</td>
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<tr>
<td>1:30 - 2:00 p.m.</td>
<td>Conversation with General Colin Powell</td>
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<td>Merdod Ghafouri, DO</td>
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<td>2:00 - 2:30 p.m.</td>
<td>Exhibit and Networking Break</td>
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<th>Time</th>
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<tr>
<td>2:30 - 2:45 p.m.</td>
<td>Approach to Patients with Atrial Fibrillation: Is Ablation that Good?</td>
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<td>Is Drug Therapy that Bad?</td>
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<td>Douglas Packer, MD</td>
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<td>2:45 - 3:00 p.m.</td>
<td>Cardiovascular Implications of Testosterone Replacement Therapy: Are Men at Risk?</td>
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<td>Anita Wokhlu, MD</td>
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<td>3:00 - 3:15 p.m.</td>
<td>Management of Women with Heart Disease</td>
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<td>Michelle O’Donoghue, MD</td>
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<td>3:15 - 3:30 p.m.</td>
<td>Most Important Clinical Trials that Will Change Your Clinical Practice in the Next Year</td>
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<td>Patrick O’Gara, MD</td>
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<td>3:30 - 4:00 p.m.</td>
<td>Panel Discussion and Audience Participation</td>
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<td>Moderator: Patrick O’Gara, MD    Douglas Packer, MD</td>
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<td>Kelly Epps, MD, MSHP                                                      Anita Wokhlu, MD</td>
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<td>Michelle O’Donoghue, MD                                                   Mark Stauder</td>
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<td>Christopher O’Connor, MD</td>
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<td>4:00 - 4:25 p.m.</td>
<td>Transforming Healthcare Through Innovation</td>
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<td>Mark Stauder</td>
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<td>4:25 - 4:40 p.m.</td>
<td>Creating Value Through Patient-Focused Advances in Medical Technology</td>
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<td>Michael A. Mussallem</td>
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<td>4:40 - 5:00</td>
<td>Panel Discussion and Audience Participation</td>
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<td>Moderator: Mark Stauder         Michael A. Mussallem                 Christopher O’Connor, MD</td>
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<td>Patrick Christiansen, PhD</td>
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<td>5:00 - 7:00 p.m.</td>
<td>Networking Reception</td>
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<td>Sponsored by Signature Partners</td>
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Saturday • April 16, 2016

7:00 - 8:20 a.m. Continental Breakfast, Exhibits

7:30 - 8:20 a.m. Non-CME Breakout Session, Sponsored by Amgen
Insights on Repatha® (evolocumab): A Clinical Perspective
James Underberg, MD

8:20 - 8:25 a.m. Virginia Chapter of the ACC
Robert Shor, MD

8:25 - 9:00 a.m. Featured Speaker
U.S. Food and Drug Administration: Priorities and Vision
Robert Califf, MD

9:00 - 9:15 a.m. Carotid Revascularization: What You Need to Know to Prevent Ischemic Stroke
Christopher White, MD

9:15 - 9:30 a.m. CAD: The Evaluation of Chest Pain and Noninvasive Testing
Pamela Douglas, MD

9:30 - 9:45 a.m. Advances in the Treatment of Heart Failure
Christopher O’Connor, MD

9:45 - 10:00 a.m. Biomarkers for Diagnosis and Prognosis in Cardiovascular Disease
Christopher deFilippi, MD

10:00 - 10:15 a.m. Heart Failure 2016: Does Anyone Care Anymore About Optimal Medical Therapy?
Milton Packer, MD

10:15 - 10:30 a.m. Treating Obesity: When Lifestyle Changes Are Not Enough
Lee Kaplan, MD, PhD

10:30 - 11:00 a.m. Question and Answer Session with Panel Discussion
Moderator: Christopher O’Connor, MD Lee Kaplan, MD, PhD
Christopher deFilippi, MD Milton Packer, MD
Pamela Douglas, MD Christopher White, MD
Kathy Hebert, MD, MPH, MMM

11:00 - 11:15 a.m. Exhibit and Networking Break

11:15 - 11:30 a.m. Office and Emergency Room Management of Atrial Fibrillation
Kenneth Ellenbogen, MD

11:30 - 11:45 a.m. Stroke Risk Stratification for Atrial Fibrillation
Daniel Singer, MD

11:45 a.m.- 12:00 p.m. Hypertension: Goals of Treatment
Aram Chobanian, MD

12:00 - 12:15 p.m. Controversies in Antithrombotic Therapy
Deepak Bhatt, MD, MPH

12:15 - 12:45 p.m. Question and Answer Session with Panel Discussion
Moderator: Kenneth Ellenbogen, MD Aram Chobanian, MD
Aysa Arshad, MD Daniel Singer, MD
Deepak Bhatt, MD, MPH Marc Wish, MD

12:45 p.m. Adjourn
Faculty

Aysha Arshad, MD, FACC, FHRS, FAHA
Cardiologist - Electrophysiologist, Inova Cardiology

Deepak L. Bhatt MD, MPH, FACC, FAHA, FSCAI, FESC
Executive Director of Interventional Cardiovascular Programs, Brigham and Women’s Hospital Heart & Vascular Center; Professor of Medicine, Harvard Medical School

Patrick Christiansen, PhD
Chief Executive Officer, Inova Fairfax Medical Campus

Aram V. Chobanian, MD
President Emeritus, Boston University; Dean Emeritus, Boston University School of Medicine

Christopher deFilippi, MD, FACC
Vice Chief for Academic Affairs, Inova Heart and Vascular Institute; Director of Chest Pain Unit and Director of Cardiovascular Phase I Unit, Inova Fairfax Hospital; Adjunct Professor of Medicine, VCU

Anthony N. DeMaria, MD, FACC
Judith and Jack White Chair in Cardiology Professor of Medicine; Founding Director, Sulpizio Family Cardiovascular Center University of California, San Diego

Pamela S. Douglas MD, MACC, FASE, FAHA
Ursula Geller Professorship for Research in Cardiovascular Diseases; Duke University Medical Center

Victor J. Dzau, MD, FACC
President, National Academy of Medicine Chair, IOM Division Committee, National Academies of Sciences, Engineering and Medicine; Chancellor Emeritus and James B. Duke Professor of Medicine, Duke University

Kenneth A. Ellenbogen, MD
Kontos Professor; Chairman, Division of Cardiology, VCU School of Medicine

Kelly Epps, MD, MSHP, FACC
Interventional Cardiologist, Inova Cardiology; Director, Center for Women’s Cardiovascular Health, Inova Heart and Vascular Institute

Merod Ghafori, DO, FACC, FAHA
Medical Director; Chief Patient Experience Officer, Inova Heart and Vascular Institute

Eric Green, MD, PhD
Director, National Human Genome Research Institute, National Institutes of Health

Paul A. Gurbel, MD, FACC, FAHA
Director of Interventional Cardiology, Director of Cardiovascular Medicine Research, Director, Inova Center for Thrombosis Research and Drug Development, Inova Heart and Vascular Institute; Professor of Medicine, Johns Hopkins University School of Medicine; Adjunct Professor of Medicine; Duke University School of Medicine

Tariq M. Haddad, MD, FACC
Director of Research, Virginia Heart VCU/Medical College of Virginia Assistant Professor of Medicine

Steve Harvey
Vice President, Watson Health at IBM

Kathy Arcement Hebert, MD, MMM, MPH, FACC
Chief Medical Officer, Cardiology, General Electric; Robert Wood Johnson Health Policy Fellow

Lee M. Kaplan, MD, PhD
Director, Obesity, Metabolism and Nutrition Institute, Massachusetts General Hospital; Associate Professor of Medicine, Harvard Medical School

Michael Mussallem
Chairman of the Board and CEO, Edwards Lifesciences Corporation

Steven E. Nissen, MD, MACC
Professor of Medicine, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University

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

Michelle O’Donoghue, MD, MPH, FACC
Associate Physician, Brigham and Women’s Hospital; Investigator, TIMI Study Group; Affiliate Physician, Massachusetts General Hospital

Patrick T. O’Gara, MD, MACC
Senior Physician, Brigham and Women’s Hospital; Professor of Medicine, Harvard Medical School

Douglas L. Packer, MD
Professor of Medicine, Mayo Clinic/ St. Mary’s Campus

Milton Packer, MD, FACC
Distinguished Scholar in Cardiovascular Science, Baylor University Medical Center

Paul M Ridker, MD, MPH, FACC, FAHA
Eugene Braunwald Professor of Medicine, Harvard Medical School; Director, Center for Cardiovascular Disease Prevention, Brigham and Women’s Hospital

Robert Roberts, MD, FRCPC, FRSM, MACC, FAHA, FESC, FRSC, LLD (Hon.)
Professor, University of Arizona College of Medicine – Phoenix; Department Chair, International Society Cardiovascular Translational Research (ISCTR).

Robert A. Shor, MD, FACC
Staff Cardiologist, Inova Heart and Vascular Institute; Partner, Virginia Heart; Immediate Past Chair of the Board of Governors, American College of Cardiology

Daniel E. Singer, MD
Professor of Medicine, Harvard Medical School; Professor in the Department of Epidemiology; Harvard T.H. Chan School of Public Health; Associate Chief for Research, Division of General Internal Medicine, Massachusetts General Hospital

Mark Stauder
President and Chief Operating Officer, Inova

Todd Stottlemyer
CEO, Inova Center for Personalized Health

Hamid Taheri, MD, FACC, FSCAI
Cardiologist, Inova Cardiology Assistant Clinical Professor of Medicine, George Washington University

Christopher J. White, MD, MSCAI, FACC, FAHA, FESC
Professor and Chairman of Medicine, Chief of Medical Services; System Chair for Cardiovascular Diseases; Medical Director, John Ochsner Heart & Vascular Institute

Marc Wish, MD, FACC, FHRS
Cardiac Electrophysiologist, IMG Arrhythmia

Anita Wokhu, MD
Assistant Professor of Medicine, University of Florida Gainesville, Division of Cardiovascular Medicine North Florida/ South Georgia VA Medical Center Institute
Target Audience
The Inova Heart and Vascular Institute 2016 Cardiovascular 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 interested in cardiovascular disease management.

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

- Discuss emerging pharmacological and lifestyle strategies in treatment of dyslipidemia.
- Recognize emerging role of genomics in cardiovascular medicine and its impact on public health.
- Employ evidence based management strategies for the evaluation and treatment of heart failure.
- Make better informed decisions regarding the appropriate treatment for atrial fibrillation.

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.

Credit Designation
The Inova Office of Continuing Medical Education designates this educational activity for a maximum of 10.25 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 10.25 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.

Registration
Register online: inovaheart.org/cme

- Physicians: $250
- Nurses, Allied Health: $200
- Inova Employees: $100
- Signature Partners Physicians: $100
- Students, Residents, Fellows: $75
- Industry Representatives (Pharmaceutical and Medical Device companies): $450

The registration fee includes course tuition, all planned meals.

Cancellation
Full registration fees are refundable if registration is cancelled no later than April 1 via email to Rebecca Hanson, rebecca.hanson@inova.org. Refund requests will not be considered after April 1.

Space is limited and advanced registration is encouraged. Walk-in registrations are welcomed on a space available basis the day of the event.

Symposium Location and Accommodations
The Ritz Carlton, Tysons Corner
1700 Tysons Boulevard, McLean, VA 22102
(20 minutes from downtown Washington D.C.)

We have reserved a block of guest rooms for attendees at a discounted rate at The Ritz Carlton, Tysons Corner. In order to receive the special rate, reservations must be made before March 25, 2016. Note that rooms at the discounted rate are limited and may be sold out before the cut-off date. After March 25, reservations will be taken on a space and rate availability basis.

- Rate: $189 per night plus applicable taxes
- Reservation Phone Number: 800.241.3333
- Reference the Inova Cardiovascular Symposium when making reservations by phone.
- Group Code: RBSRBSA (when booking online)
- Link to Book Reservations: www.ritzcarlton.com
Supporters and Sponsors

The Inova Heart and Vascular Institute 2016 Cardiovascular Symposium gratefully acknowledges the support of the following organizations and companies:

Signature Partners is a collaborative model engaging physicians in the network to improve clinical care, identify best practices and increase efficiency in healthcare delivery. Signature Partners offers physicians an electronic medical record, quality and efficiency reporting capabilities, assistance with care coordination, and quality improvement coaches. Signature Partners has a value-based contract in place with the fastest growing insurance plan in Northern Virginia, and is one of the largest Medicare ACOs in the region. Physicians joining the Signature Partners network remain fully independent.

Find out how you can benefit from being part of our growing Signature Partners Network by calling 855-744-6895 or emailing us at signaturepartners@inova.org.
Upcoming Programs

June 10, 2016  Patient Safety Movement Foundation Mid-Year Planning Meeting
               Inova Fairfax Medical Campus, Physician’s Conference Center

September 2016 Patient Experience Symposium
               Inova Center for Personalized Health, Conference Center

October 14 - 15, 2016 Advanced Heart Failure Symposium
                     Washington, DC

 IHVI16#  Register online: inovaheart.org/cme
“Best conference I have attended.
Excellent, engaging faculty.”

“The in-depth update on active cardiac issues
will help me better address patient problems.”

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McLean, Virginia

Registration • inovaheart.org/cme