13th Annual
Cardiovascular Disease Update

Up to 7.25 Credits

Saturday, October 12, 2019 | 7 a.m. – 3:30 p.m.

Renaissance Cleveland Hotel
24 Public Square, Cleveland, Ohio 44113

PRESENTED BY:

University Hospitals
Harrington Heart & Vascular Institute

SPONSORED BY:

SCHOOL OF MEDICINE
CASE WESTERN RESERVE UNIVERSITY
OVERVIEW
Cardiovascular disease is the leading cause of death in the United States for both men and women. Treatment approaches are helping prolong and improve the quality of life in many patients with advanced heart disease. During this symposium, we will provide an in-depth review of current advances in the care of patients with complex cardiovascular disease. At the end of this case-based program, practitioners should be able to incorporate many of the tips and tools into their daily practice.

- Treating High Risk Patients with Heart Disease
- Latest Advances in Diagnosis and New Management Strategies
- Interactive Case-Based Symposium

LEARNING OBJECTIVES
- Examine the impact of emerging treatment approaches in patients with complex structural heart disease, arrhythmias, heart failure and vascular disease
- Assess the latest diagnostic approaches to help guide treatment
- Review the latest information in preventive cardiology
- Utilize guideline and evidence-based strategies to lower risk

WHO SHOULD ATTEND
The intended audience for this activity includes cardiologists, internists, family practitioners, nurse practitioners and physician assistants.

ACCREDITATION STATEMENT
Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Case Western Reserve University School of Medicine designates this live activity for a maximum of 7.25 AMA PRA Category 1 Credits™. Physicians should claim only the credits commensurate with the extent of their participation in the activity.
7 – 7:55 a.m.  Registration and Continental Breakfast

7:55 – 8 a.m.  Welcome
Marco Costa, MD, PhD, MBA and
Sanjay Rajagopalan, MD

**TRACK ONE  MEDICAL AND DEVICE THERAPIES FOR MANAGING HEART FAILURE**
Moderators: Chantal ElAmm, MD and
Guilherme Oliveira, MD

8 – 8:30 a.m.  Plenary Session One
Clyde Yancy, MD

8:30 – 8:50 a.m.  Next Generation Personalized Medicine Approaches for Heart Failure
Milton Packer, MD

8:50 – 9:10 a.m.  Rhythm Device Therapy for Heart Failure
James Fang, MD, FACC, FAHA

9:10 – 9:20 a.m.  10-Minute Consult: How Do I Evaluate Cancer Patients at Risk for Heart Failure?
Guilherme Oliveira, MD

9:20 – 9:30 a.m.  Discussion and Q&A

**TRACK TWO  CARDIOVASCULAR PREVENTION**
Moderators: Chris Longenecker, MD and
Sanjay Rajagopalan, MD

9:30 – 9:50 a.m.  An Update on PCSK-9 Inhibitors: New Data and Guideline Recommendations
Laurence Sperling, MD, FACC, FACP, FAHA, FASPC

9:50 – 10:10 a.m.  Treatment of Resistant Hypertension
Robert Brook, MD
<table>
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<th>Time</th>
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<tr>
<td>10:10 – 10:30 a.m.</td>
<td>Optimal Medical Management in 2019 for My Patient with PAD</td>
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<td>Khendi White-Solaru, MD</td>
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<td>10:30 – 10:40 a.m.</td>
<td>Discussion and Q&amp;A</td>
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<td>10:40 – 10:55 a.m.</td>
<td>Break: Refreshments and Exhibits</td>
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<td><strong>TRACK THREE</strong></td>
<td><strong>STATE OF THE ART CONCEPTS IN ELECTRICAL DISORDERS</strong></td>
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<td>Moderators: Judith Mackall, MD and Albert Waldo, MD</td>
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<td>10:55 – 11:15 a.m.</td>
<td>Primary Prevention Implantable Cardioverter-Defibrillators in 2019:</td>
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<td>How to Decide Which Patients Benefit</td>
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<td>Anne Curtis, MD, MACP, FACC, FHRS, FAHA</td>
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<td>11:15 – 11:35 a.m.</td>
<td>Evaluating the Patient with Syncope: Using the Guidelines to Diagnose and Treat</td>
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<td>Brian Olshansky, MD, FACC, FAHA, FHRS, FESC</td>
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<td>11:35 – 11:45 a.m.</td>
<td>10-Minute Consult: Is My AF Patient a Candidate for Left Atrial Appendage Closure?</td>
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<td>Hiram Bezerra, MD, PhD</td>
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<td>11:45 – 11:55 a.m.</td>
<td>Discussion and Q&amp;A</td>
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<td>11:55 a.m. – 1 p.m.</td>
<td>Lunch Break</td>
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<td><strong>TRACK FOUR</strong></td>
<td><strong>MAKING A DIFFERENCE IN PATIENTS WITH VASCULAR AND LYMPHATIC DISEASE</strong></td>
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<td>Moderators: Heather Gornik, MD and Mehdi Shishehbor, DO, MPH, PhD</td>
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<td>1 – 1:20 p.m.</td>
<td>Fibromuscular Dysplasia: What Every Cardiovascular Specialist Should Know</td>
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<td>Heather Gornik, MD</td>
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1:20 – 1:40 p.m. Anticoagulation for VTE in 2019: State-of-the-Art Updates
   Geoffrey Barnes, MD, MSc, FACC, RPVI

1:40 – 2 p.m. Antithrombotic Therapy for Atherosclerotic Vascular Disease
   Schuyler Jones, MD

2 – 2:10 p.m. 10-Minute Consult: My Patient Has a Peripheral Bypass Graft for PAD: Are There Things I Have to Do?
   Teresa Carman, MD

2:10 – 2:20 p.m. Discussion and Q&A

TRACK FIVE RESTORING STRUCTURAL HEART AND CORONARY FUNCTION
Moderators: Guilherme Attizzani, MD and Hiram Bezerra, MD, PhD

2:20 – 2:40 p.m. New Approaches to Shock in STEMI: Insights from DTU Trial
   Seth Bilazarian, MD, FACC, FAHA, FSCAI

2:40 – 3:10 p.m. Plenary Session Two: Non-Culprit Total Revascularization in STEMI
   Deepak Bhatt, MD, MPH, FACC, FAHA, FSCAI, FESC

3:10 – 3:20 p.m. 10-Minute Consult: My Patient has Severe MR and Heart Failure: Would She Benefit from a MitraClip?
   Guilherme Attizzani, MD

3:20 – 3:30 p.m. Discussion and Q&A

3:30 p.m. Closing Remarks
**ACTIVITY DIRECTORS**

Marco Costa, MD, PhD, MBA  
President, UH Harrington Heart & Vascular Institute  
Chief Innovation Officer, University Hospitals  
Professor, Case Western Reserve University  
School of Medicine

Sanjay Rajagopalan, MD  
Chief, Division of Cardiovascular Medicine, UH Harrington Heart & Vascular Institute  
Director, Case Cardiovascular Research Institute  
Professor, Case Western Reserve University  
School of Medicine

**GUEST SPEAKERS**

Geoffrey Barnes, MD, MSc, FACC, RPVI  
Assistant Professor, Cardiovascular Medicine and Vascular Medicine  
University of Michigan Health System

Seth Bilazarian, MD, FACC, FAHA, FSCAI  
Chief Medical Officer, Abiomed  
Instructor of Medicine, Harvard Medical School

Robert Brook, MD  
Director, Hypertension Center  
Professor, Cardiovascular Medicine  
University of Michigan Health System

Anne Curtis, MD, MACP, FACC, FHRS, FAHA  
SUNY Distinguished Professor  
Charles and Mary Bauer Professor and Chair, Department of Medicine  
Jacobs School of Medicine and Biomedical Sciences  
University at Buffalo

James Fang, MD, FACC, FAHA  
Chief, Cardiovascular Medicine  
Director, Cardiovascular Service Line, University of Utah Health Care  
Professor, University of Utah School of Medicine

**Schuyler Jones, MD**  
Director, Duke Adult Cardiac Catheterization Laboratories  
Associate Professor of Medicine  
Duke University and Duke Clinical Research Institute

**Brian Olshansky, MD, FACC, FAHA, FHRS, FESC**  
Professor Emeritus of Medicine  
University of Iowa Carver College of Medicine  
Mercy Heart Center & Vascular Institute

**Milton Packer, MD**  
Distinguished Scholar in Cardiovascular Science  
Baylor University Medical School

**Laurence Sperling, MD, FACC, FACP, FAHA, FASPC**  
Katz Professor in Preventive Cardiology  
Director of the Emory Heart Disease Prevention Center  
Professor of Global Health  
Hubert Department of Global Health  
Rollins School of Public Health at Emory University

**PLENARY SPEAKERS**

Deepak 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

**Clyde Yancy, MD**  
Vice Dean, Diversity & Inclusion  
Magerstadt Professor of Medicine, and Professor of Medical Social Sciences  
Chief, Division of Cardiology  
Northwestern University, Feinberg School of Medicine  
Associate Director, Bluhm Cardiovascular Institute Northwestern Memorial Hospital
UNIVERSITY HOSPITALS SPEAKERS

* denotes planning committee member

*Mauricio Arruda, MD
Director, Electrophysiology Center, UH Harrington Heart & Vascular Institute
Associate Professor, Case Western Reserve University School of Medicine

*Guilherme Attizzani, MD
Co-Director, Valve & Structural Heart Disease Center, UH Harrington Heart & Vascular Institute
Associate Professor, Case Western Reserve University School of Medicine

Hiram Bezerra, MD, PhD
Director, Cardiovascular Imaging Core Laboratory, UH Harrington Heart & Vascular Institute
Associate Professor, Case Western Reserve University School of Medicine

Teresa Carman, MD
Director, Vascular Medicine and Medical Director, Center for Wound Care, UH Cleveland Medical Center
Director, Anticoagulation Monitoring Service, UH Harrington Heart & Vascular Institute
Assistant Professor, Case Western Reserve University School of Medicine

Chantal El Amm, MD
Director, Maternal Cardiology Clinic, UH Harrington Heart & Vascular Institute
Assistant Professor, Case Western Reserve University School of Medicine

*Heather Gornik, MD
Co-Director, Vascular Center, and Director, Fibromuscular Dysplasia & Arterial Dissection Program, UH Harrington Heart & Vascular Institute
Associate Professor, Case Western Reserve University School of Medicine

*Christopher Longenecker, MD
Director, Research & Innovation Center, UH Harrington Heart & Vascular Institute
Director, HIV Cardio-Metabolic Risk Clinic, John T. Carey Special Immunology Unit, UH Cleveland Medical Center
Assistant Professor, Case Western Reserve University School of Medicine

Judith Mackall, MD
Director, Electrophysiology Fellowship Program, UH Harrington Heart & Vascular Institute
Associate Professor, Case Western Reserve University School of Medicine

*Guilherme Oliveira, MD
Director, Advanced Heart Failure & Transplant Center, and Director, Cardio-Oncology Program, UH Harrington Heart & Vascular Institute
Professor, Case Western Reserve University School of Medicine

*Mehdi Shishehbor, DO, MPH, PhD
Director, Interventional Cardiovascular Center, and Co-Director, Vascular Center, UH Harrington Heart & Vascular Institute
Professor, Case Western Reserve University School of Medicine

Albert Waldo, MD
Electrophysiology Center, UH Harrington Heart & Vascular Institute
Professor, Case Western Reserve University School of Medicine

Khendi White-Solaru, MD
Vascular Center, UH Harrington Heart & Vascular Institute
Assistant Professor, Case Western Reserve University School of Medicine

*David Zidar, MD, PhD
Co-Director, LDL Apheresis Program, UH Harrington Heart & Vascular Institute
Assistant Professor, Case Western Reserve University School of Medicine
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This program will be supported by grants from industry. A complete list of supporters will be provided in the syllabus materials distributed at the meeting. Acceptance of funding in support of this program does not constitute endorsement of any product or manufacturer.

* U.S. News & World Report ranking awarded to UH Cleveland Medical Center, University Hospitals’ flagship academic medical center.
TUITION AND FEES
$100 | Fee includes CME sessions, breakfast and lunch.
Discounted valet and self-parking at the Renaissance available.

WAYS TO REGISTER
1. Register online at TinyUrl.com/2019CVD.
2. Mail this registration form with payment to:
   Registrar, CME Program
   10524 Euclid Avenue, Cleveland, Ohio 44106-6026
3. Fax this form with your credit card number to 216-201-6749.

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QUESTIONS?
Contact the CME Program at Medcme@case.edu or 216-983-1239.