WMC Health | Heart & Vascular Institute
Westchester Medical Center Health Network

2018

Westchester Cardiovascular Symposium

Heart Failure, Ischemic Heart Disease,
Cardiac Electrophysiology, Valvular Heart Disease,
Hypertrophic Cardiomyopathy

Thursday – Saturday, **October 18 – 20, 2018**

Crowne Plaza Hotel, White Plains, NY

Course Directors

Julio A. Panza, MD

Chief of Cardiology
Westchester Medical Center

Professor of Medicine
New York Medical College

Steven Lansman, MD, PhD

Director of Cardiothoracic Surgery
Westchester Medical Center

Professor of Surgery
New York Medical College

Online Registration Deadline: **Monday October 15, 2018**

For information or questions please contact WMC Conferences at **conferences@wmchealth.org** *or* **914.493.5756**

CME, CNE, and MOC credits applied for

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Director of Cardiothoracic Surgery,
Westchester Medical Center
Professor of Surgery, New York Medical College

Moderators

Howard Cooper, MD
Director, Inpatient Cardiology,
Westchester Medical Center

Alan Gass, MD
Director, Heart Transplant and Mechanical Circulatory Support, Westchester Medical Center

Sei Iwai, MD
Director, Cardiac Electrophysiology Service
Westchester Medical Center
Professor of Clinical Medicine
New York Medical College

Srihari S. Naidu, MD
Director, Cardiac Catheterization Lab
Director, Hypertrophic Cardiomyopathy Program,
Westchester Medical Center

David Spielvogel, MD
Chief, Cardiothoracic Surgery, Director of Heart Transplant,
Westchester Medical Center
Professor of Surgery, New York Medical College

Faculty

Vinay Badhwar, MD, FACS, FACC
Executive Chair, WVU Heart & Vascular Institute
Gordon F. Murray Professor and Chair, Department of Cardiovascular & Thoracic Surgery

Deepak Bhatt, MD MPH
Executive Director of Interventional Cardiovascular Programs,Brigham and Women's Hospital Heart & Vascular Center; Professor of Medicine, Harvard Medical School

Jeffrey Carson, MD
Distinguished Professor of Medicine
Richard C. Reynolds, M.D. Chair in General Internal Medicine, Rutgers, Robert Wood Johnson Medical School

Mina Chung, MD
Department of Cardiovascular Medicine, Heart and Vascular Institute, Department of Molecular Cardiology, Lerner Research Institute, Cleveland Clinic
Professor of Medicine
Cleveland Clinic Lerner College of Medicine of Case Western Reserve University

Deborah B. Diercks, MD, MSc
Professor and Chair, Department of Emergency Medicine
Audre and Bernard Rapoport Distinguished Chair in Clinical Care and Research
University of Texas Southwestern Medical Center

Zayd Eldadah, MD, PhD
Director, Cardiac Electrophysiology;
MedStar Heart and Vascular Institute-Cleveland Clinic Heart and Vascular Institute

Maurice Enriquez-Sarano, MD
Professor of Medicine, Mayo School of Medicine
Consultant, Department of Cardiovascular Medicine, Mayo Clinic, Rochester MN

Brendan Everett, MD MPH
Director, General Cardiology Inpatient Service, Brigham and Women's Hospital; Assistant Professor of Medicine, Harvard Medical School

Mary Jane Farr, MD
Medical Director, Adult Heart Transplantation
Columbia New York-Presbyterian Hospital

Faculty *continued...*

Isaac George, MD
Surgical Director, Structural Health and Valve Center
New York Presbyterian Hospital-Columbia University Medical Center

Josh Goldberg, MD
Surgical Director, Transcatheter Heart Program
Surgical Director, Cardiac Surgery
Westchester Medical Center
Outcomes Research Assistant Professor
New York Medical College

Jason Jacobson, MD
Director, Complex Arrhythmia Ablation Program, Westchester Medical Center, Associate Professor of Medicine, New York Medical College

Robert L. Kormos, MD, FRCS
Director, Artificial Heart Program
Co-Director, Heart Transplantation University of Pittsburgh Medical Center

Marrick Kukin, MD
Professor of Medicine
Icahn School of Medicine at Mount Sinai

Sudir Kushwaha, MD
Director, Heart Transplant/LVAD Clinic, Mayo Clinic

Avi Levine, MD
Attending, Advanced Heart Failure & Cardiac Transplantation, Westchester Medical Center

Chris Liu, MD
Assistant Director, Cardiac Electrophysiology Laboratory, Division of Cardiology, Weill Cornell Medical College, Cornell University

Dan Lustgarten, MD, PhD
Medical Director, Cardiac Electrophysiology Research Laboratory, Professor, University of Vermont College of Medicine

Ramin Malekan, MD
Associate Chief, Cardiothoracic Surgery
Westchester Medical Center
Assistant Professor of Surgery
New York Medical College

Joseph E. Marine, MD, MBA, FACC, FHRS
Associate Professor of Medicine
Vice-Director, Division of Cardiology
Johns Hopkins University School of Medicine

Christa Miliaresis, MD
Pediatric Cardiology
Maria Fareri Childrens Hospital
Westchester Medical Center

Robert Minutello, MD, FACC
Director, Interventional Cardiology Training Program
Weill Cornell New York-Presbyterian Hospital

Khanh Nguyen, MD
Chief, Pediatric and Congenital Cardiac Surgery
Westchester Medical Center
Professor of Surgery, New York Medical College

David S. Owens, MD, MS
Associate Professor
Medicine Cardiology
Director Hypertrophic Cardiomyopathy Clinic
Co-Director Cardiovascular Genetics Clinic
University of Washington Medical Center

Philippe Pibarot, DVM, PhD
Canada Research Chair in Valvular Heart Disease
Quebec Heart and Lung Institute,
Department of Medicine, Laval University

Eric Popjes , MD
Penn State Hershey Medical Center
Heart and Vascular Institute

Harry Rakowski MD,FRCP, FACC, FASE
Professor of Medicine, University of Toronto
Douglas Wigle Chair in HCM Research
Director, Hypertrophic Cardiomyopathy Clinic,
Toronto General Hospital University Health Network

Jonathon Rich, MD
Medical Director, Mechanical Circulatory Support Program, Northwestern Memorial Hospital

Matthew Roe, MD, MHS
Professor of Medicine – Division of Cardiology
Duke University Medical Center
Senior Investigator and Research Fellowship Director
Duke Clinical Research Institute

Lisa Salberg
Founder and CEO
Hypertrophic Cardiomyopathy Association

William H. Sauer, MD
Professor of Medicine;
Director, Cardiac Electrophysiology;
University of Colorado School of Medicine

Warren Sherman, MD, FACC, FSCAI
Chief Medical Officer, LoneStarr Heart

Gilbert H. L. Tang, MD, MSc, MBA, FRCSC, FACC
Surgical Director, Structural Heart Program,
Mount Sinai Health System
Associate Professor, Cardiovascular Surgery, Icahn School of Medicine at Mount Sinai

Andrew Wang, MD
Professor of Medicine
Director, Duke HCM Clinic
Duke University Medical Center

Paul Whelton, MB, MD, MSc
Show Chwan Professor of Global Public Health
Tulane University of Public Health and Tropical Medicine
Tulane University School of Medicine

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Agenda: Thursday, October 18

7:00 - 7:45 am	**Breakfast & Registration**	
7:45 - 8:00 am	**Welcome Remarks**	Julio A. Panza Steven Lansman
Heart Failure		Moderator: **Alan Gass**
8:00 - 8:25 am	**Door to Mechanical Circulatory Support Time: A New Matrix in Heart Failure**	Jonathon Rich
8:25 - 8:50 am	**Medical Therapy for Advanced Heart Failure: Is There Any?**	Marrick Kukin
8:50 - 9:15 am	**The New UNOS Classification: Why Was it Needed and Will it Help?**	Mary Jane Farr
9:15 - 9:40 am	**Mitral Valve Disease in Heart Failure: Surgical, Interventional or Advanced Therapy**	Robert Minutello
9:40 - 10:00 am	**Networking Break, Exhibit Viewing**	
10:00 - 10:25 am	**3rd Generation LVADs: Has Anything Changed?**	Avi Levine
10:25 - 10:50 am	**The Future of Mechanical Circulatory Support**	Robert L. Kormos
10:50 - 11:15 am	**Cardiac Transplantation in 2018**	Sudir Kushwaha
11:15 - 11:40 am	**Cell Therapy: The Holy Grail of Heart Failure and Always Will Be**	Warren Sherman
11:40 - 12:40 pm	**Lunch, Exhibit Viewing**	
Ischemic Heart Disease		Moderator: **Howard Cooper**
12:40 -1:05 pm	**Anti-inflammatory Therapy For Coronary Artery Disease**	Brendan Everett
1:05 - 1:30 pm	**Combining Anti-Platelet And Anticoagulant Agents In Patients With SIHD**	Deepak Bhatt
1:30 - 1:55 pm	**The 2017 ACC/AHA Blood Pressure Guideline: Application In Clinical Practice**	Paul Whelton
1:55 - 2:20 pm	**Case Presentation And Panel Discussion**	Howard Cooper (moderator)
2:20 - 2:40 pm	**Networking Break, Exhibit Viewing**	
2:40 - 3:05 pm	**Red Blood Cell Transfusion Thresholds In Cardiac Patients: How Low Can You Go?**	Jeffrey Carson
3:05 - 3:30 pm	**Role and Timing of CABG in Acute MI**	Deborah B. Diercks
3:30 - 3:55 pm	**How to Use High-Sensitivity Troponin Assays to Rule-Out ACS**	Matthew Roe
3:55 - 4:20 pm	**Case Presentation and Panel Discussion**	Howard Cooper (moderator)
4:20 pm	**Adjourn**	

Agenda: Friday, October 19

7:15 - 8:00 am	**Breakfast & Registration**	
Cardiac Electrophysiology		Moderator: **Sei Iwai**
8:00 - 8:25 am	**PVC-Induced Cardiomyopathy**	Chris Liu
8:25 - 8:50 am	**Arrhythmia Issues in Cardiac Sarcoid**	William H. Sauer
8:50 - 9:15 am	**Role of Imaging in Management of Ventricular Arrhythmias**	Jason Jacobson
9:15 - 9:40 am	**Insights from Atrial Fibrillation Genomics: From Bedside to Bench and Back Again**	Mina Chung
9:40 - 10:00 am	**Networking Break, Exhibit Viewing**	
10:00 - 10:25 am	**His Bundle Pacing: Ready for Prime-Time?**	Dan Lustgarten
10:25 - 10:50 am	**Is Pacing Useful in Vasovagal Syncope?**	Zayd Eldadah
10:50 - 11:15 am	**The Role of the Subcutaneous ICD in Management of SCD**	Joseph Marine
11:15 - 11:45 am	**Clinical Case / Panel discussion**	Sei Iwai (moderator)
11:45 - 12:40 pm	**Lunch, Exhibit Viewing**	
Valvular Heart Disease		Moderator: **David Spielvogel**
12:40 - 1:00 pm	**Aortic Valve Replacement - When and How**	Maurice Enriquez-Sarano
1:00 - 1:20 pm	**Low Gradient Aortic Stenosis: Diagnostic and Therapeutic Challenges**	Philippe Pibarot
1:20 - 1:40 pm	**Robotic Mitral Valve Repair: Quality at All Levels of Complexity**	Vinay Badhwar
1:40 - 2:00 pm	**Transcatheter Mitral Valve Replacement**	Gilbert Tang
2:00 - 2:20 pm	**Transcatheter Tricuspid Repair**	Isaac George
2:20 - 2:40 pm	**Networking Break, Exhibit Viewing**	
2:40 - 3:00 pm	**Congenital Heart Surgery in the Adult**	Khanh Nguyen
3:00 - 3:20 pm	**Surgery for Chronic Thromboembolic Pulmonary Hypertension**	Ramin Malekan
3:20 - 3:40 pm	**TEVAR and Hybrid Aortic Procedures**	Josh Goldberg
3:40 - 4:00 pm	**Panel Discussion**	
4:00 pm	**Adjourn**	

Agenda continues next page...

Agenda: Saturday, October 20

Controversies and Cases in Hypertrophic Cardiomyopathy

7:00 - 7:50 am	**Registration and Breakfast**	
7:50 - 8:00 am	**Welcome and Introduction**	Srihari S. Naidu (moderator)
8:00 - 8:20 am	**What We Know and What We Don't Know**	Harry Rakowski
8:20 - 8:40 am	**The Case for the COE: Where's the data?**	Lisa Salberg
8:40 - 9:00 am	**HCM in Children and Young Adults**	Christa Miliaresis
9:00 - 9:20 am	**The Case for and Against Screening Our Youth**	David Owens
9:20 - 9:40 am	**Break and Exhibits**	
9:40 - 10:00 am	**Two Sides to the Coin: Alcohol Ablation**	Srihari S. Naidu
10:00 - 10:20 am	**Two Sides to the Coin: Surgical Myectomy**	David Spielvogel
10:20 - 10:40 am	**Are We Ignoring Heart Transplantation?**	Eric Popjes
10:40 - 11:00 am	**Are We Putting In Too Many ICDs?**	Jason Jacobson
11:00 - 11:20 am	**The Holy Grail: Novel Therapies in HCM**	Andrew Wang
11:20 - 11:40 am	**Case Presentation w/Panel Discussion 1**	Julio A. Panza (moderator)
11:40 - 12:00	**Case Presentation w/Panel Discussion 2**	Julio A. Panza (moderator)
12:00 Noon	**Adjourn**	

For directions to the Crowne Plaza and more information please visit: **https://goo.gl/CLzWaz**

Venue Information

Crowne Plaza Hotel
66 Hale Ave
White Plains, NY 10601
914-682-0050

Registration Fees

Physicians $350
Nursing/Physician Assistants/Technicians. $200
Fellows/Residents/Students. $125
General Public (Sat. only) $25
Industry Professionals. $400

Credit Information

CME, CNE, and MOC credits applied for

Registration Information

Please visit our website at:
www.westchestermedicalcenter.com/cme
for registration and payment.

Online Registration available until Monday, October 15, 2018 (Walk-in registration will be available day of the conference)

Cancellation Policy: Full refunds are available prior to October 8, 2018. After this date you may send an alternate to the event without additional charge. To request a cancellation or to make a change to the registration record, please send an email to **conferences@wmchealth.org** or call **914.493.5756**

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Course Description

The Westchester Cardiovascular Symposium is a 2.5-day conference that will address current, controversial, and challenging issues in the fields of heart failure, valvular heart disease, ischemic heart disease, cardiac electrophysiology, and hypertrophic cardiomyopathy. The hypertrophic cardiomyopathy session will be open to patients and interested members of the community, in addition to physicians and health care professionals, and highlights the acquisition of this new program.

This annual update includes a review of clinical guidelines, disease condition and natural history, diagnostic modalities, current treatment and future therapies pertaining to the fields. Attendees will be able to broaden their understanding of disease processes, patient screening and evaluation, diagnostic workup and treatment advances in the field. The faculty consists of leading experts in the field of cardiovascular medicine from around the country, chosen specifically for the individual topics. Presentations are made in both didactic and interactive fashions, including live debates and case discussions.

The symposium provides an annual opportunity for health professionals to update their knowledge and clinical practice of ischemic heart disease, heart failure, valvular heart disease, cardiac electrophysiology, and hypertrophic cardiomyopathy. Topics include the latest clinical guidelines, echo and CT imaging, surgical and catheter-based treatment, and future technologies.

Learning Objectives

This symposium has two primary objectives: to provide an educational platform on heart failure, ischemic heart disease, valvular heart disease, cardiac electrophysiology and hypertrophic cardiomyopathy in a comprehensive program that includes interactive discussions and case presentations offered by experts in the field, and to provide an opportunity for health professionals in the New York Hudson Valley region to network and exchange ideas on patient management and clinical practice. The hypertrophic cardiomyopathy session also provides an opportunity for patient and community education and interaction. Upon completion of the CME activity, participants will be able to:

- Understand the importance of certain interventions in the timely delivery of the best care for patients with ST segment elevation myocardial infarction (STEMI). Utilize the most appropriate antithrombotic treatments for ACS patients destined to undergo CABG, PCI, or noninvasive medical therapy.
- Recognize the new developments and the increasing role of mechanical assist devices in the treatment of patients with advanced heart failure. Accordingly, select appropriate patients who may benefit from the implementation of this therapy.
- Understand the importance of certain interventions in the prevention of ischemic heart disease, including the treatment of hypertension and hypercholesterolemia. Utilize the most appropriate antiplatelet agents for patients with stable and unstable coronary artery disease.
- Recognize new developments in technologies and approaches to revascularization for patients with complex coronary artery disease, including chronic total occlusions and left main disease.
- Understand the pathophysiology of cardiac arrhythmias underlying various diagnoses including different etiologies of cardiomyopathy, atrial fibrillation, complete heart block, syncope, and sudden cardiac death. .
- Understand current diagnosis and management modalities in hypertrophic cardiomyopathy, including advanced imaging, electrophysiology devices, surgery and alcohol septal ablation, and a review of national guidelines, and define roles for community screening to prevent sudden cardiac death in children and adults. Understand future therapies including novel pharmacotherapy and gene-based individualized therapy.

Target Audience

This educational program is designed for physicians including cardiovascular specialists, internists, primary care practitioners, nurse practitioners, nurses, physician assistants, technicians and other health professionals involved in the evaluation, diagnosis and management of patients with ischemic heart disease, heart failure, valvular heart disease, cardiac arrhythmias and hypertrophic cardiomyopathy. The hypertrophic cardiomyopathy session is also designed for patients with this disease, family members, and members of the wider community interested in this disease.

CME Accreditation Statement

This activity has been planned and implemented in accordance with the Accreditation Requirements and Policies of the Medical Society of the State of New York (MSSNY) through the joint providership of the Westchester Academy of Medicine and Westchester Medical Center Health. The Westchester Academy of Medicine is accredited by MSSNY to provide Continuing Medical Education for physicians.

The Westchester Academy of Medicine designates this live activity for a maximum of 17 AMA PRA Category I Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CNE Accreditation Statement

This activity has been submitted to the Emergency Nurses Association for approval to award contact hours. The Emergency Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

ABIM MOC Recognition Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 17 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of the CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

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Westchester Medical Center
100 Woods Road
Valhalla, New York 10595

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