

Innovations in Heart Failure and Pulmonary Hypertension

“Rise of the Machines”

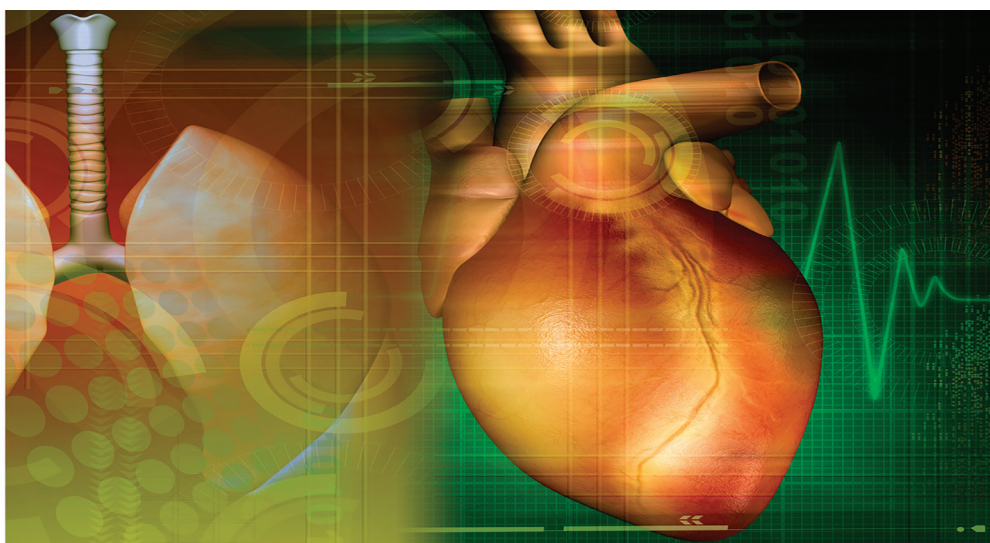
Management of Acute Heart Failure

Friday, October 5, 2018

Omni William Penn

530 William Penn Place

Pittsburgh, Pennsylvania



Sponsored by

Cardiovascular Institute
Allegheny General Hospital
Allegheny Health Network
Pittsburgh, Pennsylvania



Pennsylvania
CHAPTER



Allegheny
Health Network

Conference Co-Directors

Raymond Benza, MD, FACC

Professor of Medicine
Temple University School of Medicine
James Magovern Chair for Cardiovascular Research
Program Director, Advanced Heart Failure,
Transplantation, Mechanical Circulatory Support and
Pulmonary Vascular Diseases
Cardiovascular Institute
Allegheny Health Network
Pittsburgh, PA

Manreet Kanwar, MD, FACC

Associate Professor of Medicine
Temple University School of Medicine
Section of Advanced Heart Failure,
Transplantation, MCS and Pulmonary
Vascular Diseases
Cardiovascular Institute
Allegheny Health Network
Pittsburgh, PA

Srinivas Murali, MD, FACC

Professor of Medicine
Temple University School of Medicine
System Chief, Division of Cardiovascular Medicine
Co-Chair, Cardiovascular Medicine
Allegheny Health Network
Pittsburgh, PA

Invited Faculty

Suresh R. Mulukutla, MD, FACC

Associate Professor of Medicine
University of Pittsburgh
Director, HVI Center for Outcomes
and Innovation
University of Pittsburgh Medical Center
Governor-PA Chapter, American
College of Cardiology
Pittsburgh, PA

Jonathan D. Rich, MD, FACC, FHSA

Associate Professor of Medicine
Northwestern University, Feinberg School of Medicine
Medical Director, Mechanical , Circulatory Support Program
Director, Advanced Heart Failure and Transplant Fellowship
Bluhm Cardiovascular Institute
Northwestern Memorial Hospital
Chicago, IL

John Cherian, MD

Attending Cardiologist
Weirton Medical Center
Weirton, WV

Sathish Magge, MD

Attending Cardiologist
Trinity Health System
Steubenville, OH

Charan S. Nandra, MD

Attending Cardiologist
Trinity Health System
Steubenville, OH

Laxman Prajapat, MD

Attending Cardiologist
Butler Health System
Butler, PA

Greg Suero, MD

Attending Cardiologist
Cardiac Care Center
Wheeling Hospital
Wheeling, WV

Ryan Zuzek, MD

Attending Cardiologist
St. Clair Hospital
Pittsburgh, PA

Allegheny Health Network Faculty

Craig Alpert, MD, FACC

Section of Advanced Heart Failure, Transplantation,
MCS and Pulmonary Vascular Diseases
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Stephen H. Bailey, MD

Associate Professor of Cardiothoracic Surgery
Drexel University College of Medicine
System Chief, Division of Cardiac Surgery
Surgical Director, Cardiac Transplantation and
MCS Program
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Matthew Becker, MD, FACC

Director of Structural Heart and Peripheral
Vascular Medicine
Cardiovascular Institute
Saint Vincent Hospital
Erie, PA

Mithun Chakravarthy, MD

Section of Interventional Cardiology
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Michael Culig, MD

Chief, Division of Cardiac Surgery
Cardiovascular Institute
Forbes Hospital
Pittsburgh, PA

Azam Hadi, MD

Section of Advanced Heart Failure,
Transplantation, MCS and Pulmonary
Vascular Diseases
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Scott Halbreiner, MD

Assistant Professor of Surgery
Drexel College of Medicine
Department of Cardiovascular and
Thoracic Surgery
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Amish Mehta, MD

Attending Cardiologist
Cardiovascular Institute
Jefferson Hospital
Clairton, PA

Amresh Raina, MD

Associate Professor of Medicine,
Temple University School of Medicine
Associate Director, Pulmonary
Hypertension Program
Section of Heart Failure/Transplantation,
MCS and Pulmonary Vascular Diseases
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

George Shaw, MD, FACC

Section of Cardiac Electrophysiology
Cardiovascular Institute
Allegheny General Hospital
Pittsburgh, PA

Venkatraman Srinivasan, MD, FACP

Clinical Associate Professor of Medicine
Temple University School of Medicine
Chief, Division of Cardiovascular Medicine
Cardiovascular Institute
Pittsburgh, PA

Symposium Overview and Intended Audience

The Cardiovascular Institute is pleased to offer this exciting educational opportunity highlighting innovations in heart failure and pulmonary hypertension. This course will provide a review of the latest innovations in the management of heart failure and cardiogenic shock including novel medical and surgical treatments and new insights into the pathogenesis and treatment strategies for pulmonary hypertension and right heart failure patients. It is intended for cardiologists, cardiothoracic surgeons, internists, pulmonologists, critical care specialists, physician assistants, nurse practitioners, cardiovascular nurses, pharmacists and other healthcare professionals who have direct responsibility for, or interest in, advanced cardiovascular patient care.

Statement of Need

Both heart failure and pulmonary hypertension remain a major burden on society with a very high morbidity and mortality. Heart failure is the leading cause of cardiovascular death and the number one cause of hospitalization in the United States. Pulmonary hypertension often co-exists with heart failure and worsens morbidity and mortality. Heart failure is also a leading cause of cardiogenic shock which carries with a greater than 80% in hospital mortality. Several large clinical trials conducted over the past two decades have shown that pharmacologic interventions, surgery, and device- therapy can dramatically reduce the morbidity and mortality associated with both heart failure and pulmonary hypertension. Based on evidence, new clinical practice guidelines have been developed for medical and surgical management of these patients.

Despite these evidence based guidelines, it has been shown that providers do not consistently follow recommendations in clinical practice. Unfortunately this often results in patients being referred late in the disease for advanced therapies, leading to their unsuitability for such therapies.

Educational Objectives

At the conclusion of the conference, participants should have the ability to:

- Improve compliance with evidence-based guidelines for the medical management of heart failure
- Explore mechanisms and processes that can impact patient outcomes such as mortality and readmission rates
- Apply published guidelines for medical and surgical management of advanced heart failure and pulmonary hypertension patients
- Determine appropriate timing for device-based therapies and advanced therapies for heart failure and pulmonary hypertension patients
- Apply knowledge of state-of-the-art diagnostic and treatment modalities in the clinical spectrum of heart failure
- Improve understanding of cardiogenic shock and its management
- Apply knowledge of state-of-the-art diagnostic and treatment modalities in right heart failure and pulmonary hypertension

Intended Outcome

We want to positively impact patient care in Western Pennsylvania by providing up-to-date information to all healthcare professionals caring for patients with heart failure and pulmonary hypertension.

Accreditation

AMA PRA Category I Credits™

Physicians

Allegheny General Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Allegheny General Hospital designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Credits

American Nurses Credentialing Center (ANCC) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

American Academy of Nurse Practitioners (AANP) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

American Academy of Physician Assistants (AAPA) accepts AMA PRA Category 1 Credits™ from organizations accredited by the ACCME.

Non-Physicians

Allegheny General Hospital certifies participation in this educational activity, which has been designated for a maximum of 6.75 *AMA PRA Category 1 Credits™*.

Acknowledgement

Thank you to the Pennsylvania Chapter of the American College of Cardiology for their support of the conference.

Disclosure of Significant Relationships with Relevant Commercial Companies

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the policy of Allegheny General Hospital, presenters must disclose all relevant financial relationships, which in the context of their presentation(s), could be perceived as a real or apparent conflict of interest, (e.g., ownership of stock, honorarium, or consulting fees). Any identifiable conflicts will be resolved prior to the activity. Any such relationships will be disclosed to the learner prior to the presentation(s).

Friday, October 5, 2018

7:00 am *Registration/Continental Breakfast and Visit Exhibitors*

7:55 am Welcome Remarks/Overview
Srinivas Murali, MD, FACC

8:00 am American College of Cardiology Update
Suresh Mulukutla, MD

Session #1 **Diagnosis and Management of Acute Cardiogenic Shock-Focus on Left Ventricle**
Moderators: Srinivas Murali, MD, Scott Halbreiner, MD

8:30 am Pathophysiology of Acute Cardiogenic Shock
Azam Hadi, MD

8:45 am Temporary Mechanical Support in Cardiogenic Shock
Mithun Chakravarthy, MD

9:15 am The Cannulas are in: What now? End points of Cardiogenic Shock
Craig Alpert, MD

9:30 am Case Presentation and Panel Discussion
Karthikeyan Ranganathan, MD

10:00 am *Break and Visit Exhibits*

Session #2 **Cardiogenic Shock-Focus on Right Ventricle**
Moderators: Raymond Benza, MD, Amresh Raina, MD

10:20 am Right Ventricle Failure in advanced HF and PAH
Jonathan Rich, MD

10:40am Acute RV Failure-Medical Management
Amresh Raina, MD

11:00 am Durable Mechanical Support for Right Ventricle Failure
Jonathan Rich, MD

11:20 am Case Presentation and Panel Discussion

Friday, October 5, 2018

11:45 am **Lunch and Learn, Visit Exhibits**

Session #3 Panel Discussion on Cardiogenic Shock
Moderators: Srinivas Murali, MD, Azam Hadi, MD

**Panelists: Matthew Becker, MD; John Cherian, MD;
Michael Culig, MD; Satish Magge, MD; Amish Mehta, MD;
Charan Nandra, MD; Laxman Prajapat, MD,
Venkatram Srinivasan, MD; Greg Suero, MD;
Ryan Zuzek, MD**

Session #4 Durable LV Support-When, how and for whom?
Moderators: Stephen Bailey, MD, Manreet Kanwar, MD

1:00 pm Patient Selection for Durable Mechanical
Circulatory Support
Manreet Kanwar, MD

1:20 pm An Update on LVADs-What's New?
Stephen Bailey, MD

1:40 pm Arrhythmia Issues on Durable Support
George Shaw, MD

2:00 pm Pulmonary Hypertension in End Stage Heart Failure
Raymond Benza, MD

2:20 pm Case Presentation and Panel Discussion

2:45 pm Closing Remarks and Adjournment

Conference location

Omni William Penn Hotel
530 William Penn Place
Pittsburgh, Pennsylvania 15219

Parking/Driving Directions

Parking will be available in the Mellon Square Garage and will be validated. Parking is on a first come, first serve basis.

DRIVING DIRECTIONS

FROM PITTSBURGH INTERNATIONAL AIRPORT – 30 MINUTES/19 MILES

Follow the signs to Pittsburgh via I-279 North (Fort/Pitt Bridge and Tunnel). Go through the tunnel. Take the Liberty Avenue Exit (straight off the bridge). Proceed approximately 3 blocks and turn right on Sixth Avenue. At the third intersection, turn right onto William Penn Place. The hotel is located on the left.

FROM THE NORTH — VIA I-79 SOUTH

Take I-79S to I-279S. Proceed on I-279S to I-579S (Veteran's Bridge). From I-579S take the Sixth Avenue/Exit (Mellon Arena), bear right on Sixth Avenue and cross Grant Street. Go one block and turn left on William Penn Place to the hotel's main entrance on the left.

FROM THE SOUTH & WEST — VIA I-79 NORTH

From I-79N, follow the signs to I-376 East to Pittsburgh. Follow I-376E to Pittsburgh (Fort/Pitt Tunnel.) Go through the tunnel. Take the Liberty Avenue Exit (straight off the bridge). Continue for approximately 3 blocks. Turn right on Sixth Avenue. At the third intersection, turn right onto William Penn Place. The hotel is located on the left.

FROM THE EAST — VIA I-76W & I-376W

Take I-76 (Pennsylvania Turnpike) and exit on to I-376W towards Pittsburgh. Take the Grant Street Exit (on the left) to Grant Street. Follow Grant Street 6 blocks to Sixth Avenue and then turn left onto Sixth Avenue. Immediately turn left onto William Penn Place to the hotel's main entrance.

Refund Policy

A refund of the registration fee, less a \$5.00 processing fee, will be made when a written request or a telephone request followed by a written confirmation is received prior to October 1, 2018. After this date, refunds cannot be made. Fees will not be refunded for failure to attend.

Registration Information

The registration fee includes the course materials, continental breakfast, lunch and break refreshments.

Fee: Physicians \$150

Nurses and Other Health Care Professionals \$75

Allegheny Health Network Physicians, Nurses, Trainees and Staff \$20

Deadline: October 1, 2018

Registrations will be taken after the deadline date on a space-available basis

To Register: To register online, please go to www.aghcme.org. To mail or fax your registration, please complete the registration form and return it with the registration fee or fax to:

**Continuing Medical Education
Allegheny General Hospital
320 East North Avenue
Pittsburgh, Pennsylvania 15212-4772
Fax 412.359.8218**

The preferred method of payment is by VISA, MasterCard, American Express or Discover; however checks will be accepted made payable to Allegheny General Hospital.

Additional Information

For additional information concerning the conference, please contact the Continuing Medical Education office by e-mail at bernice.sulkowski@ahn.org or by telephone at **412-359-4952**.



REGISTRATION FORM

Registration for Innovations in Heart Failure and Pulmonary Hypertension is required. Please complete this registration form and return it with your payment no later than **September 30, 2018**.

Name _____

Degree _____

Specialty _____

Affiliation _____

Address _____

City _____ State _____ Zip _____

E-mail _____

Day Telephone () _____

FAX# () _____

Method of Payment: Credit Card Check

Credit Card Type: Visa MasterCard American Express Discover

Total Amount _____

Credit Card # _____

Exp. Date _____

Name on Card _____

Signature* _____

** By signing this form, I authorize Allegheny General Hospital to charge my credit card for the above amount. My signature also indicates that I will not dispute this charge in the future through my credit card company.*

If you require assistance with hearing, vision or mobility to make this conference accessible to you, please check this box and contact the CME office at **(412) 359-4952** at least two weeks prior to the conference date.

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Allegheny General Hospital
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