Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

APRIL 17-19, 2020

FRANCIS MARION HOTEL

387 KING STREET

HISTORIC CHARLESTON, SC

MUSC
Medical University of South Carolina

Endorsed by HFSA

For More Information:

Visit **www.musc.edu/cme**, Call the Office of CME, 843-876-1925 or email **cmeoffice@musc.edu**

Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

MUSC Medical University of South Carolina

COURSE FACULTY

CONFERENCE DIRECTORS

Sheldon Litwin, M.D.
Spaulding Paolozzi Endowed Chair
Professor of Medicine
Division of Cardiology

CONFERENCE CO-DIRECTORS

Ryan J. Tedford, M.D.
Associate Professor of Medicine
Chief, Heart Failure
Division of Cardiology

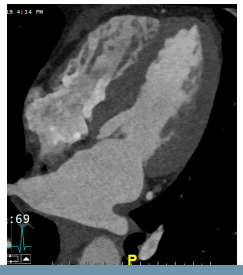
Michael R. Zile, M.D.
Charles Ezra Daniel Professor of Medicine
Medical University of South Carolina
Chief, Division of Cardiology
RHJ Veterans Affairs Medical Center

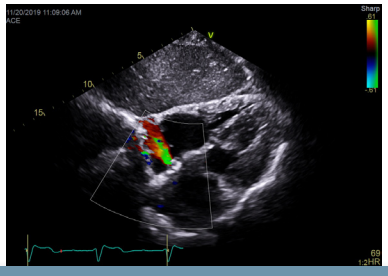
GUEST FACULTY

William T. Abraham, M.D., FACP, FACC
Chief Medical Officer, V-Wave Ltd.
Director, Division of Cardiovascular Medicine
Professor of Internal Medicine, Physiology and Cell Biology
The Ohio State University Wexner Medical Center
Associate Director, Clinical and Translational Research
Dorothy M. Davis Heart and Lung Research Institute

Javed Butler, M.D., MPH, MBA, FACC, FAHA, FESC
Chairman and Professor, Department of Medicine
The University of Mississippi Medical Center

Gregory Lewis, M.D.
Section Head, Heart Failure
Director, Cardiopulmonary Exercise Testing Laboratory
Medical Director, Cardiology ICU and Mechanical Circulatory Support Program
Massachusetts General Hospital





MUSC FACULTY

Rahul Argula, M.D.
Associate Professor of Medicine
Pulmonary, Critical Care, Allergy and Sleep Medicine

Ruth Campbell, M.D.
Professor
Director, Nephrology Fellowship Program
Division of Nephrology, Department of Medicine

Michael R. Gold, M.D., PhD
Professor of Medicine
Michael Assey Chair in Cardiology

Daniel P. Judge, M.D.
Professor of Medicine
Director, Cardiovascular Genetics
Director, Adult Cardiology Fellowship Program

Brian Houston, M.D.
Assistant Professor of Medicine
Division of Cardiology

Christopher D. Nielsen, M.D.
Professor of Medicine
Division of Cardiology

Wing-Kin Syn, M.D.
Associate Professor of Medicine
Division of Gastroenterology & Hepatology

Thomas Todoran, M.D., MSc
Associate Professor
Director, Cardiovascular Clinical Research
Director, Vascular Medicine

J. Marcus Wharton, M.D.
Professor
Frank P. Tourville Professor of Medicine
Director, Fran P. Tourville Sr., Arrhythmia Center
Director, Electrophysiology Fellowship Program
Director, Clinical Cardiac Electrophysiology

Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

MUSC Medical University of South Carolina

TARGET AUDIENCE

This course is intended for cardiovascular specialists, heart failure specialists, practicing cardiologists, cardiovascular advanced practice providers (NP or PA), internists, family physicians and critical care nurses.

KNOWLEDGE GAPS

There are now more patients who have Heart Failure with preserved Ejection Fraction (HFpEF) than those with reduced Ejection Fraction (HFrEF). Making the diagnosis of HFpEF is more challenging than HFrEF as many commonly used screening tools such as physical examination, echocardiography and measurement of natriuretic peptide levels are less sensitive and specific in this population. Most importantly, no therapies have yet been shown to improve major cardiovascular outcome (i.e. reductions in hospitalization rates or lower mortality). Several ongoing studies are evaluating novel treatments for this disorder.

CREDIT DESIGNATION

Physician Credit Statement

The Medical University of South Carolina designates this live activity for a maximum of *14.5 AMA PRA Category 1 Credit(s)™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP: Application for Continuing Medical Education credits has been filed with the American Academy of Family Physicians. Determination of credits is pending.

Other Credit Statements

Nurses: Most states accept CMEs that apply to a specific nursing specialty as nursing continuing education. Please check with your respective State Board of Nursing to ascertain the equivalent number of contact hours offered for *14.5 AMA PRA Category 1 Credit(s)™*.

PAs: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit(s)™* and Prescribed credit from AAFP from organizations accredited by ACCME or a recognized state medical society. The MUSC Office of CME provides certificates to PAs with a statement, approved by AAPA, that PAs may receive a maximum of 14.5 AAPA Category 1 Credits for this conference.

ELECTRONIC SYLLABUS

In our efforts to "go green", the syllabus will be provided online. Information will be emailed to you the week prior to the conference so that you may download/print a copy.

OBJECTIVES

The conference should enable participants to:

- Recognize patients with HFpEF and understand pitfalls of the diagnosis
- Describe the pathophysiology of HFpEF including characteristic hemodynamic alterations and the role of coexisting conditions (i.e., kidney, lung, metabolic, etc)
- Apply rational decisions for diagnostic testing in patients with suspected HFpEF
- Discuss currently available therapies for HFpEF
- Understand potential new therapies for HFpEF and know how to select patients
- Improve ability to practice "precision", patient-centered medicine for patients with HFpEF

ACCREDITATION

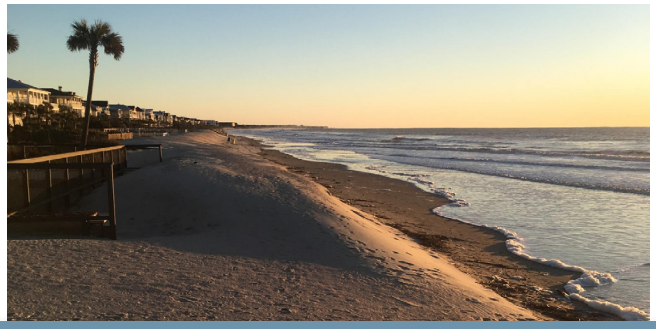
The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

DISCLOSURE

In accordance with the ACCME Essentials & Standards, anyone involved in planning or presenting at this educational activity will be required to disclose any relevant financial relationships with commercial interests in the health care industry. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices will be required to disclose that information at the beginning of their presentation.

AMERICANS WITH DISABILITIES ACT

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call the Office of CME at 843-876-1925.



Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

MUSC Medical University of South Carolina

COURSE AGENDA

FRIDAY, APRIL 17, *COLONIAL BALLROOM*

2:00 pm Registration

2:30 Welcome

2:40 What Does "Preserved EF" Mean? Re-evaluating the Use of Ejection Fraction in Patients with Heart Failure, *Javed Butler, M.D.*

3:15 Subphenotyping of HFpEF, *Gregory Lewis, M.D.*

3:45 Matrix & Fibrosis: Pathophysiology, Diagnosis and Treatment Target, *Michael Zile, M.D.*

4:15 Nonpharmacological Treatments for HFpEF: InterAtrial Shunt Devices, Pericardiectomy, and Exercise Training, *Sheldon Litwin, M.D.*

4:45 Questions

5:00 Reception and Exhibit Showcase
Calhoun Room

WWW.MUSC.EDU/CME

SATURDAY, APRIL 18, *CAROLINA BALLROOM*

7:00 Breakfast and Case Discussions

8:00 Obesity and Weight Management in HFpEF, *Sheldon Litwin, M.D.*

8:30 RV function & RV Failure, *Ryan Tedford, M.D.*

9:00 Invasive Pressure Measurements, Role of Invasive Exercise Testing in HFpEF, *Brian Houston, M.D.*

9:30 Questions

9:40 Break

10:00 Drug Therapy for HFpEF - Neurohormonal Modulation; Which Diuretic is Best?, *Michael Zile, M.D.*

10:30 Pulmonary Embolism as a Contributor to HFpEF: Does Aggressive Early Treatment Mitigate Long Term Consequences? *Thomas Todoran, M.D.*

11:00 Ambulatory Invasive Pressure Monitoring, *William Abraham, M.D.*

11:30 Questions

11:45 Lunch on your Own

1:00 pm Kidney Disease (Acute and Chronic): Role of Dialysis in Chronic and Acute Decompensated HFpEF, *Ruth Campbell, M.D.*

1:30 Atrial Fibrillation & HFpEF: Pathophysiology and Target for Treatment of HFpEF, *J. Marcus Wharton, M.D.*

2:00 NAFLD and HFpEF, *Wing-Kin Syn, M.D.*

2:30 Questions

2:45 Break

3:00 Amyloidosis, a Treatable Form of HFpEF, *Daniel Judge, M.D.*

3:30 Diabetes: Pathophysiology and Evolving Pharmacological Therapy, *Javed Butler, M.D.*

4:00 Pacing for HFpEF? Treating Chronotropic Incompetence and Mid-Range EF with Wide QRS, *Michael Gold, M.D., PhD*

4:30 Questions

4:45 Adjourn

Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

COURSE AGENDA (CONTINUED)

SUNDAY, APRIL 19, *CAROLINA BALLROOM*

7:00 Breakfast and Case Discussions

8:00 Stimulating New Treatments for Heart Failure: Baroreceptor Stimulation/Autonomic Modulation; Phrenic Nerve Stimulation; Myocardial Stimulation (Cardiac Contractility Modulation), *William Abraham, M.D.*

8:30 Abnormalities of Oxygen Utilization Pathways in HFpEF, *Gregory Lewis, M.D.*

9:00 Imaging for Diagnosis and Assessment of HFpEF (Echo, CT, MRI), *Sheldon Litwin, M.D.*

9:30 Questions

9:45 Break

10:00 Pulmonary Disease as Contributing Factor to HFpEF: OSA, COPD, *Rahul Argula, M.D.*

10:30 HCM and Septal Ablation: Part of HFpEF? *Christopher Nielsen, M.D.*

11:00 Biomarkers in HFpEF, *Michael Zile, M.D.*

11:30 Questions

11:45 Wrap Up, *Sheldon Litwin, M.D.*

12:00 Adjourn

REGISTRATION INFORMATION

	Early Bird (on/before 2/28)	Regular (after 2/28)
Practicing Physicians	$299	$349
NP's, PA's, RPh, Residents	$199	$249
MUSC Employees	$199	$199

MUSC Cardiology Faculty & Staff should call the Office of CME at 843-876-1925 to register.

Registration fee includes continental breakfasts, coffee breaks, electronic course syllabus and credit processing.

No pre-registrations will be accepted after **April 12, 2020**. After this date, you must contact the Office of CME at 843-876-1925 to see if space is still available. If space is available you must register on-site. *Note: There will be an increased rate for on-site registrations!*

REGISTRATION METHODS:

(Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

- **Online:** Visit cmetracker.net/MUSC/Catalog and scroll down to find this activity, then click the blue "Register" button.
- **Mail:** Please send registration form with check payable to "Medical University of South Carolina" or credit card information to: Odessa Ussery, Office of CME - MUSC, 96 Jonathan Lucas Street, HE 221A, MSC 754, Charleston, SC 29425
- **Telephone:** 843-876-1925 - Credit card only.
- **Fax:** 843-876-1931 - Credit card only. (Secured area)

HOTEL INFORMATION

The **Francis Marion Hotel**, historic Charleston's landmark full service hotel, is in the heart of Charleston's historic district. Located at Marion Square, the Francis Marion Hotel is only a few blocks from the Charleston Visitor's Center, the South Carolina Aquarium, restaurants, boutiques, galleries, museums, antique shops and night life. The hotel offers valet parking, spa, concierge, retail shops and the Swamp Fox Restaurant & Bar.

Special group rates start at **$289.00**, plus tax, per night. A limited number of guest rooms have been reserved and are being offered on a first come, first serve basis. The room block will be held until **Monday, March 18, 2020; however the room block will fill prior to this date**. In such a case, neither the group rate nor guest room availability can be guaranteed. Therefore, **we recommend you make your reservation as soon as possible**. Reservations can be made by calling the hotel directly at 843-722-0600 or 877-756-2121 and identifying yourself as being a participant in this conference, or by following the online directions below.

To make online reservations: Visit https://tinyurl.com/HFPEF20 and enter group code HEART2020

Parking: Valet parking at the hotel is available at $22++ per day for overnight guests and can be added to your guest folio. In addition, self-parking is available at $17.00 per day, which must be paid directly to the parking garage in cash, MasterCard or Visa. Pricing is subject to change.

Charleston HFpEF Conference

The Latest Knowledge on Heart Failure with preserved Ejection Fraction

MUSC Medical University of South Carolina

Endorsed by HFSA

By Registering for this conference, you acknowledge and agree to the cancellation policy stated below.

Name _____ Personal ID# XXX - XX - _____
(As you would like it printed on your name badge) *(Last four digits of your SSN)*

Address _____

City _____ State _____ Zip _____

Specialty _____ Degree/Credentials _____

Email _____
(Please provide your active email address to ensure proper receipt of all CME Credit documentation.)

Phone (_____) _____ - _____ Fax (_____) _____ - _____

PLEASE READ THE STATEMENTS BELOW AND CHECK THE BOX IF YOU AGREE.

☐ I do NOT want my name included on a list of participants to be included in handouts at the conference.

PLEASE SELECT THE APPROPRIATE RATE(S)

	Early Bird (On/Before 2/28)	Regular (After 2/28)
Practicing Physicians	☐ $299	☐ $349
NP's, PA's, RPh, Residents	☐ $199	☐ $249
MUSC Employees	☐ $199	☐ $199

This fee includes continental breakfasts, coffee breaks, access to online course syllabus and credit processing.

CONFERENCE REGISTRATION MAY BE CHARGED TO:

☐ Enclosed Check Payable to Medical University of South Carolina
☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

_____ _____
Card Number Expiration Date

_____
Name as it appears on card

REGISTRATION METHODS

(Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

- **Mail** registration form with check made out to "Medical University of South Carolina" or credit card information to Odessa Ussery, Office of CME, Medical University of South Carolina, 96 Jonathan Lucas Street, HE221A, MSC 754, Charleston, SC, 29425
- **Telephone:** (843) 876-1925 – Registration by credit card only
- **Fax:** (843) 876-1931 – Registration by credit card only
- **Online:** Visit cmetracker.net/MUSC/Catalog and scroll down to find this activity, then click the blue "Register" button.

CANCELLATIONS

A refund will be made upon written request ***prior to March 17, 2020***, less a $100 cancellation fee. After March 17, no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.
By registering for this conference, you acknowledge and agree to this cancellation policy.

Register Online!
www.musc.edu/cme