



# 47<sup>TH</sup> CARDIOLOGY UPDATE

EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025

The Hyatt Place Hotel  
Historic Charleston, South Carolina  
During Spoleto Festival USA

For more information, contact the MUSC Office  
of CME: 843-876-1925, [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu),  
or visit [musc.edu/cme](https://musc.edu/cme)

Offering in-person  
and  
virtual attendance



# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

### COURSE FACULTY



**Nicholas Amoroso, M.D.**  
Associate Professor of Medicine  
Division of Cardiology

**Jan Basile, M.D.**  
Professor of Medicine  
Division of Cardiology

**Travis Benzing, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Bishu Dhakal, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Kathy Dye, NP**  
Division of Cardiology

**Michelle Esposito, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Maranda Ferguson, NP**  
Division of Cardiology

**Valerian Fernandes, M.D.**  
Professor of Medicine  
Division of Cardiology

**Jan Griffin, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Jason S. Haney, Pharm.D., BCPS, BCCCP**  
Professor of Clinical Pharmacy  
& Outcomes Sciences  
Medical University of South Carolina  
College of Pharmacy  
Clinical Pharmacy Specialist | Pharmacotherapy

#### COURSE DIRECTOR

**Michael R. Gold, MD, PhD**  
Michael Assey Professor of Medicine  
Division of Cardiology

#### ASSISTANT COURSE DIRECTOR

**Christopher D. Nielsen, MD**  
Director, Adult Cardiac Labs  
Director, Interventional Fellowship Program  
Professor of Cardiology

#### MUSC FACULTY

**Gregory Jackson, M.D.**  
Advanced Heart Failure -Cardiac Transplantation  
Assistant Professor of Medicine  
Director of Heart Failure Programs,  
Ralph H. Johnson VA Medical Center

**Anne Kroman, D.O, PhD**  
Assistant Professor of Medicine  
Division of Cardiology

**Sheldon Litwin, M.D., FACC, FAHA, FASE**  
Alicia Spaulding-Paolozzi Endowed Chair  
SC Center of Economic Excellence  
Professor of Medicine, Cardiology & Radiology  
Director of Echocardiography  
Associate Editor, Journal of the American  
Society of Echocardiography

**Pamela Morris, M.D.**  
Professor of Medicine, Cardiology  
Medical University of South Carolina  
Paul V. Palmer Endowed Chair in Cardiovascular  
Disease Prevention  
Director, Seinsheimer Cardiovascular Health  
Program  
Trustee, American College of Cardiology

**Richelle Peveler, NP**  
Division of Cardiology

**Andrew Schreiner M.D.**  
Associate Professor of Medicine  
Division of General Internal Medicine

**Molly Silkowski, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Daniel Silverman, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Daniel Steinberg, M.D.**  
Endowed Chair, Edna M. Sutton Endowed  
Chair in Structural Heart Disease  
Professor of Medicine  
Division of Cardiology

**Thomas Todoran, M.D.**  
Associate Professor of Medicine &  
Surgery  
Division of Cardiology & Vascular Surgery

**Ashley Waring, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Ramsey Wehbe, M.D.**  
Assistant Professor of Medicine  
Division of Cardiology

**Marcus Wharton, M.D.**  
Professor of Medicine  
Division of Cardiology

**Michael R. Zile, M.D.**  
Charles Ezra Daniel Professor of Medicine  
Distinguished University Professor  
Division of Cardiology  
RHJ Department of Veterans Affairs  
Medical Center, Charleston, SC

# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

### NEEDS STATEMENT AND PROGRAM OVERVIEW

The management of patients with cardiac disease continues to evolve. The goal of this program is to provide the most current evidence-based diagnostic and treatment strategies for your patients. Related areas to cardiology will be covered such as management of hypertension, pulmonary embolus of cardiac patients and management of heart failure. The program structure will focus on case-based presentations including lectures, breakfast cases, panel discussions, and use of our audience response system to provide opportunities for all participants to interact with the conference faculty. This three day program in clinical cardiology is designed for the cardiologist, primary care physician, internist, practicing cardiovascular specialist, cardiovascular nurse and physician assistant.

### CANCELLATIONS

A refund will be made upon written request prior to April 29, 2025; however \$100 will be retained for administrative costs. No refunds will be made after April 29, 2025. We reserve the right to cancel the conference if necessary. Full registration fees will be refunded for canceled programs. The Medical University of South Carolina 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.

### DISCLOSURE STATEMENT

In accordance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education anyone involved in planning or presenting this educational activity will be required to disclose any financial relationships with any ineligible companies. An ineligible company is any entity whose primary business is producing, marketing, selling, reselling, or distributing healthcare products used by or on patients. Any financial relationships with these ineligible companies have been mitigated by the MUSC Office of CME. Speakers who incorporate information about off-label or investigational use of drugs or devices will be asked 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.



### CREDIT DESIGNATION STATEMENT

#### PHYSICIAN CREDIT

The Medical University of South Carolina designates this live activity for a maximum of 13.0 AMA PRA Category 1 Credit(s)<sup>™</sup>. 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 CREDITS

American Academy of Nurse Practitioners National Certification Program accepts AMA PRA Category 1 Credit<sup>™</sup> from organizations accredited by ACCME.

American Academy of Physician Assistants (AAPA) accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit(s)<sup>™</sup> from organizations accredited by ACCME. PAs may receive a maximum of 13.0 AAPA Category 1 Credits for completing this activity.



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 13.0 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 CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participants completion information to ACCME for the purpose of granting ABIM MOC credit.

For those interested in receiving MOC, the MOC assessment will be held at the end of each day and will last no more than 15 minutes each day.

### ACCREDITATION STATEMENT

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

**QUESTIONS?** Call the Office of CME at 843-876-1925 or email [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)

# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

### COURSE AGENDA

Thursday, May 29

- 7:30am Sign in and Breakfast
- 7:55 Join Live Stream Session/Welcome
- 8:00 **The First Pillar of AF Management: Risk Factor Modification with Focus on Obesity**  
*Marcus Wharton, M.D.*
- 8:25 **Ventricular Arrhythmia Identification & Management**  
*Bishnu Dhakal, M.D.*
- 8:50 **Case Studies**  
*Richelle Peveler, NP & Maranda Ferguson, NP*
- 9:15 **Cardiac Implantable Devices Gone Wrong: Diagnosis and Management of Malfunctioning Pacemakers and Defibrillators**  
*Anne Kroman, D.O., PhD*
- 9:40 **Atrial Fibrillation Essentials in 2025: Practical Pearls for the Busy Cardiologist**  
*Rory Dowd, MBBS*
- 10:05 **BREAK with EXHIBITORS**
- 10:25 **Update in Evaluation and Management of Elevated Lp(a): Status of CV Outcomes Trials**  
*Ashley Waring, M.D.*
- 10:50 **Update in Treatment of Obesity: Focus on Status of New Therapies**  
*Sheldon Litwin, M.D.*
- 11:15 **Approach to Liver Disease in the Patient with Cardiometabolic Risk**  
*Andrew Schreiner M.D.*
- 11:40 **Evolving Guidelines for Diagnosis and Management of HTN**  
*Jan Basile, M.D.*
- 12:05 **Update in Preventive Imaging**  
*Travis Benzing, M.D.*
- 12:30 **MOC Assessment**
- 12:40 **Adjourn for the Day**

Friday, May 30

- 7:15am Sign in and Breakfast
- 7:25 Join Live Stream Session/Welcome
- 7:30 **Best Cases of the Year**  
*Molly Silkowski, D.O.*
- 8:00 **The Future is Here: Artificial Intelligence and Imaging in Heart Failure**  
*Ramsey Wehbe, M.D.*
- 8:30 **Transforming Heart Failure into Heart Success: Heart Failure Transitions of Care**  
*Kathy Dye, NP*
- 9:00 **Cardiac Genetics and Genomics**  
*Daniel Judge, M.D.*
- 9:30 **BREAK with EXHIBITORS**
- 9:50 **Don't Sleep on It: Heart Failure and Sleep Disordered Breathing**  
*Gregory Jackson, M.D.*
- 10:20 **Reaching a New Peak: Results of SUMMIT and GLP-1 agonists in HFpEF**  
*Michael Zile, M.D.*
- 10:50 **Emerging Treatment Strategies and Clinical Trials for Cardiac Amyloidosis**  
*Jan Griffin, M.D.*
- 11:20 **Pharm To Patient: Integrating the Pharmacy Team into Heart Failure Clinical Management**  
*Jason Haney, PharmD*
- 11:50 **No Longer Limited Options: New and Emerging Treatments for HFpEF**  
*Daniel Silverman, M.D.*
- 12:50 **MOC Assessment**
- 1:00 **Adjourn for the Day**

# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

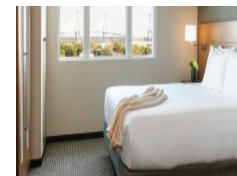
### COURSE AGENDA, CONTINUED

Saturday, May 31

- 7:30am Sign in and Breakfast
- 7:25 Join Live Stream Session/Welcome
- 7:30 Bring Your Interesting Cases
- 8:30 Who and How to Close Patent Foramen Ovale?  
*Christopher Nielsen, M.D.*
- 9:00 Treatment of In-Stent Restenosis  
*Valerian Fernandes, M.D.*
- 9:30 Renal Denervation for Treatment of Hypertension  
*Thomas Todoran, M.D.*
- 10:00 BREAK with EXHIBITORS
- 10:20 TBA Topic  
*Michele Esposito, M.D.*
- 10:50 New Treatments for Tricuspid Valve Disease  
*Nicholas Amoroso, M.D.*
- 11:20 Update on TAVR for Aortic Stenosis  
*Daniel Steinberg, M.D.*
- 11:50 Closing Remarks
- 11:55 Adjourn/MOC Assessment
- 12:10 Adjourn until 2026

### CONFERENCE HOTEL INFORMATION

The Hyatt Place Hotel  
560 King Street  
Charleston, SC 29403  
(843) 414-4900



A block of rooms has been reserved at the Hyatt Place Charleston, 560 King Street, Charleston, SC 29403. The conference rate is **\$269++** and the room block for conference registrants will be held until **Monday, April 28, 2025**. *The room block may fill prior to April 29, 2024 and availability cannot be guaranteed. We suggest you make your reservation as soon as possible.* To make your reservation, please call the hotel at 1-800-993-4751 and reference the Cardiology Conference. You can make your reservations by going to the following link: <https://www.hyatt.com/en-US/group-booking/CHSZH/G-CAR1> or the following QR Code:



**Parking:** Valet parking at the hotel is available at \$48.00 plus tax, per day with unlimited in and out privileges. Self-parking is available at \$24.00 per day for a 24-hour period, without in and out privileges. Self-parking is located in the Charleston County Municipal Parking Garage next to the hotel and charges are paid directly to PMC Parking System, which manages the garage. Rates are subject to change with notice.

Make your hotel Reservation before April 28 !

### ACCESS TO RECORDED PRESENTATIONS

The MUSC Office of CME, with the permission of each speaker, will be recording each presentation of the conference. The videos will be posted online after the conference and be available for those who are not able to live stream the entire conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date. The non-refundable fee for this service is \$150.00 and is **only available to individuals registered for the conference**. Access to the videos will be granted to attendees who purchase this option in advance of the conference.

Credit Designation: The Medical University of South Carolina designates this enduring material for a maximum of 2.5 *AMA PRA Category 1 Credit(s)*<sup>TM</sup> for each section. Physicians should only claim the credit commensurate with the extent of their participation in the activity.



# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

### REGISTRATION INFORMATION

	On or Before 3/31/2025	On or After 4/1/2025
Physicians in Practice	\$625.00	\$700.00
Residents & All Other Health Professionals	\$525.00	\$600.00
Industry	\$650.00	\$725.00

The fee for in-person attendance includes tuition, breaks, online syllabus, and certificates of attendance. The fee for live streaming the meeting includes tuition, online syllabus, and certificates of attendance.

No pre-registrations will be accepted after **May 23, 2025**. 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:** Complete registration through the [Online Registration Portal](#)
- **Mail:** Please send registration form with check payable to "Medical University of South Carolina" or credit card information to: Franny Russell, Office of CME - MUSC, 96 Jonathan Lucas Street, HE 601, MSC 754, Charleston, SC 29425
- **Telephone:** 843-876-1925 - Credit card only.
- **Fax:** 843-876-1931 - Credit card only. (Secured area)
- **Email:** Email/Scan Scan completed registration form to [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)

### TOUR HISTORIC CHARLESTON AND EXPERIENCE SPOLETO FESTIVAL USA 2025

#### SPOLETO FESTIVAL USA - MAY 21 - JUNE 8, 2025



Photos © Spoleto Festival USA

"For 17 days and nights each spring, Spoleto Festival USA fills Charleston, South Carolina's historic theaters, churches, and outdoor spaces with performances by renowned artists as well as emerging performers in opera; theater; dance; and chamber, symphonic, choral, and jazz music. Now approaching its 42nd season, Spoleto Festival USA is internationally recognized as America's premier performing arts festival." -[SpoletoUSA.org](http://SpoletoUSA.org)

For more information, call 843-722-2764 or visit [spoletousa.org](http://spoletousa.org)

### CHARLESTON, SOUTH CAROLINA

Charleston is America's most beautifully preserved architectural and historic treasure. Formal gardens magnify the beauty of stately old homes and church bells toll the hour as history unfolds around each corner. Browse through Charleston's famous open-air market and marvel at sweetgrass baskets and other crafts. Visit the inviting boutiques, art galleries and antique shops along Meeting and King Streets. Enjoy many of the South's most celebrated restaurants. **Experience Charleston and it's Southern hospitality!**

*Voted #1 City in the USA by the readers of Condé Nast Traveler and Travel & Leisure Magazines*

# 47<sup>TH</sup> CARDIOLOGY UPDATE

## EVIDENCE-BASED MANAGEMENT

May 29 - 31, 2025 • Hyatt Place Hotel, Charleston, South Carolina

### REGISTRATION FORM

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 TO

- YES I give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.
- NO I do not give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.

#### REGISTRATION TYPE

PLEASE SELECT THE REGISTRATION TYPE

In-Person Registration

Virtual Registration

#### REGISTRATION FEES & METHOD OF PAYMENT

	On or Before 3/31/2025	On or After 4/1/2025
Physicians in Practice	<input type="checkbox"/> \$625.00	<input type="checkbox"/> \$700.00
All Other Health Professionals	<input type="checkbox"/> \$525.00	<input type="checkbox"/> \$600.00
Industry	<input type="checkbox"/> \$650.00	<input type="checkbox"/> \$725.00

I would like access to the recorded videos for an additional fee of \$150\*  YES  NO

\*The videos will be posted online after the conference. Viewing the videos will offer the same amount of CME credit and can be viewed for up to 14 days following the posting date

The fee for in-person attendance includes tuition, breaks, online syllabus, and certificates of attendance. The fee for live streaming the meeting includes tuition, online syllabus, and certificates of attendance.

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

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_ CVV Code \_\_\_\_\_

Name as it appears on card \_\_\_\_\_

(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:  
MUSC Office of CME, 96 Jonathan Lucas Street, HE601, MSC 754, Charleston, SC, 29425
- **Telephone:** (843) 876-1925 – Registration by credit card only.
- **Fax:** (843) 876-1931 – Registration by credit card only.
- **Email:** Scan & email completed registration form to [cmeoffice@muscd.edu](mailto:cmeoffice@muscd.edu)



[www.musc.edu/cme](http://www.musc.edu/cme)

#### CANCELLATION

A refund will be made upon written request prior to **April 29, 2025** less a \$100 cancellation fee. 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.*