



The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome

JULY 17-18, 2021

A VIRTUAL CME CONFERENCE

For More Information:

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



The Global Liver Institute is pleased to support the Medical University of South Carolina's 2021 Virtual Charleston Metabolic Disorders Conference from July 17 - 18, 2021.



The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome



COURSE FACULTY

CONFERENCE DIRECTOR

Wing-Kin Syn, M.D., Ph.D.

Professor of Medicine
Division of Gastroenterology & Hepatology, MUSC
Staff Physician, Ralph H Johnson VAMC

CONFERENCE CO-DIRECTOR

Sheldon Litwin, M.D., FACC, FAHA, FASE, FSCCT

Alicia Spaulding-Paolozzi Endowed Chair
South Carolina Center of Economic Excellence
Professor of Medicine, Cardiology and Radiology
Director of Echocardiography
Medical University of South Carolina
Associate Editor, Journal of the American Society of Echocardiography

GUEST FACULTY

Andy Basu, M.D.

Harrison Professor of Medicine
Division of Endocrinology
University of Virginia
Charlottesville, VA

Anna Mae Diehl, M.D.

Professor of Medicine
Florence McAlister Distinguished Professor of Medicine
Professor in Molecular Genetics and Microbiology
Duke University
Durham, North Carolina

Michael Fuchs, M.D., Ph.D.

Professor of Medicine
Chief of Hepatology and Liver Transplantation
Division of Gastroenterology, Hepatology and Nutrition
Richmond Veterans Affairs Medical Center &
Virginia Commonwealth University

Anthony Hollenberg, M.D.

Chair, Weill Department of Medicine
Cornell University
Physician-in-Chief, New York-Presbyterian Hospital
New York, NY

Neha J. Pagidapati, M.D., M.P.H.

Assistant Professor of Medicine
Duke University
Durham, NC

Zobair M. Younossi, M.D., M.P.H., FAACP, FACG, AGAF

Chairman, Department of Medicine
Inova Fairfax Medical Campus
Professor of Medicine, Virginia Commonwealth University, Inova Campus
Affiliate Professor of Biomedical Sciences at George Mason University
Fairfax, Virginia

MUSC FACULTY

Jan Basile, M.D.

Professor of Medicine
Seinsheimer Cardiovascular Health Program
Ralph H Johnson VA Medical Center

Ruth C. Campbell, M.D., M.S., P.H.

Professor of Medicine
Division of Nephrology

Harsha Karanchi, M.D.

Assistant Professor of Medicine
Division of Endocrinology, Diabetes and Metabolism

Chitra Lal, M.D.

Associate Professor of Medicine
Division of Pulmonary and Critical Care Medicine

Aundrea E. Loftley, M.D.

Assistant Professor of Medicine
Division of Endocrinology, Diabetes and Metabolism

Robert Moran, M.D.

Assistant Professor of Medicine
Division of Gastroenterology and Hepatology

Christopher Nielsen, M.D.

Director, Adult Cardiac Catheterization Laboratories
Professor of Medicine
Division of Interventional Cardiology

J. Marcus Wharton, M.D.

Professor of Medicine, Division of Cardiology
Frank P. Tourville Professor of Medicine
Director, Frank P. Tourville Sr., Arrhythmia Center
Director, Electrophysiology Fellowship Program
Director, Clinical Cardiac Electrophysiology

The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome



CONFERENCE DESCRIPTION

The conference sessions will focus on current and emerging best practices for the management of obesity, diabetes, non-alcoholic fatty liver disease, and cardiovascular disease

- Rising incidence and prevalence of Obesity and T2DM
- Parallel increase in prevalence of NAFLD; up to 40% of the US population affected
- Introducing current and new treatment strategies to address these multiple overlapping disorders (with common pathogenic mechanisms)

These conditions are seen by all physicians and are often not captured or under-diagnosed. Our aim is to bring attention to these common disorders and need for early identification of those at highest risks

TARGET AUDIENCE

The target audience includes cardiologists, endocrinologists, hepatologists, primary care providers, hospitalists, mid-level providers, PharmDs, dietitians, nurses and others who manage or are interested in the management of metabolic risk factors. All trainees in the relevant fields and representatives from both the pharmaceutical and biotech industries are encouraged to attend.

Physician Credit Statement

The Medical University of South Carolina designates this live activity for a maximum of 10.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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 10.0 *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 10.0 AAPA Category 1 Credits for this conference.



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 10.0 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.

OBJECTIVES

At the completion of this virtual conference, participants should be able to:

- Identify metabolic risk factors
- Identify complications of the metabolic syndrome
- Implement new diabetes guidelines
- Discuss new drugs to treat T2DM, including GLP1 agonists, SGLT2 inhibitors, and DPP4 inhibitor
- Diagnose, risk stratify, and treat non-alcoholic fatty liver disease including use of new metabolic and antifibrotic strategies
- Manage ischemic heart disease and heart failure, highlighting role of lifestyle measures, weight management and metabolic approaches
- Manage hypertension in accordance with updated guidelines
- Implement specific steps to set up a metabolic clinic

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.

ELECTRONIC SYLLABUS

The conference syllabus will be provided online. Information will be emailed to you the week of the conference so that you may download/print a copy.

The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome



COURSE AGENDA

SATURDAY, JULY 17

Moderators: Sheldon Litwin & Wing-Kin Syn, Conference Chairs

7:50am Join Live Stream Session

DIABETES

8:00 Welcome and Introductions

8:10 Insulin Resistance and Type 2 Diabetes Mellitus: Update on Diabetes Guidelines, *Aundrea E. Loftley, M.D.*

8:40 Diabetes Complications, *Harsha Karanchi, M.D.*

9:10 New Drugs to Treat Diabetes Mellitus and Associated Complications, *Andy Basu, M.D.*

9:40 BREAK

HEPATOLOGY

10:00 Epidemiology & Costs of NAFLD, *Zobair Younossi, M.D.*

10:30 Clinical Presentation and Risk Factors for NAFLD
Michael Fuchs, M.D.

11:00 Identifying High Risk Individuals with NAFLD
Wing-Kin Syn, M.D.

11:30 Management of NAFLD including Novel Therapies for NAFLD, *Anna Mae Diehl, M.D.*

12:00 BREAK

OBESITY/METABOLIC DISEASE AND HEART FAILURE

Moderators: Wing-Kin Syn, Conference Chairs

12:30 Update on Heart Failure with Preserved Ejection Fraction: A Metabolic Disease? *Sheldon Litwin, M.D.*

1:00 Lifestyle Measures for Prevention and Treatment of Heart Failure, *Sheldon Litwin, M.D.*

1:30 Key Pearls in Evaluating and Treating Hypertension, *Jan Basile, M.D.*

2:00 Ischemic Heart Disease: Do We Treat Diabetics Differently? *Chris Nielsen, M.D.*

SATURDAY, JULY 17 CONTINUED

2:30 BREAK

2:50 Setting Up and Running "Cardiometabolic Clinic"
Neha J. Pagidapati, M.D.

3:20 Heart Disease in Women: Different From Men?
Neha J. Pagidapati, M.D.

3:50 Atrial Fibrillation and Obesity, *Marcus Wharton, M.D.*

4:20 Chronic Kidney Disease: Obesity and Diabetes as Causative/Complicating Factors, *Ruth C. Campbell, M.D.*

4:50 Adjourn for the Day

SUNDAY, JULY 18

Moderators: Sheldon Litwin & Wing-Kin Syn, Conference Chairs

7:50am Join Live Stream Session

OTHER ENDOCRINE/METABOLIC DISORDERS

8:00 Sleep Disordered Breathing: New Treatments
Chitra Lal, M.D.

8:30 PCOS and T2DM Guidelines, *Aundrea E. Loftley, M.D.*

9:00 Hypothyroidism and Metabolic Syndrome
Anthony Hollenberg, M.D.

9:30 Obesity: Management - Medical Therapy, Lifestyle
Harsha Karanchi, M.D.

10:00 Obesity: Management - Drugs, Endoscopy, Surgery
Robert Moran, M.D.

10:30 Wrap Up

The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome

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 \$50.00 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 0.5 *AMA PRA Category 1 Credit(s)*[™] for each video. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

REGISTRATION INFORMATION

	Early Bird (on/before 6/17)	Regular (after 6/17)
Live Streaming	\$125	\$175
Access to recorded videos	\$50	\$50

MUSC Cardiology Faculty & Staff should email the Office of CME at cmeoffice@musc.edu to request a faculty registration form

Registration fee includes electronic course syllabus and credit processing.

No pre-registrations will be accepted after July 14, 2021. After this date, you must contact the MUSC Office of CME at cmeoffice@musc.edu for availability. **No registrations will be accepted after Thursday, July 15, 2021.**

REGISTRATION METHODS:

Please use ONE of these methods to register.

1. Mail registration form with check* or credit card information to:

Odessa Ussery
MUSC Office of CME
96 Jonathan Lucas Street
HE221A, MSC 754
Charleston, SC 29425

*Checks should be made out to "Medical University of South Carolina"

2. Email/Scan completed registration form to cmeoffice@musc.edu

3. Complete registration through the [Online Registration Portal](#)

CANCELLATION

A refund will be made upon written request prior to June 17, 2021 less a \$50 cancellation fee. After June 17, 2021, no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs.

By registering for this conference, you acknowledge and agree to this cancellation policy

The Charleston Metabolic Disorder Conference

An Interdisciplinary Update on the Management of the Metabolic Syndrome

July 17 - 18, 2021



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)

Live Streaming

Early Bird (On/Before 6/17)

\$125

Regular (After 6/17)

\$175

Access to Recorded Presentations*

Yes, I would like access to the recorded videos for an additional fee
No, I do not want access to the recorded videos for an additional fee

\$50
 N/A

\$50
 N/A

MUSC Divisions of Cardiology, Gastroenterology/Hepatology, and Endocrinology faculty & staff should email the Office of CME at cmeoffice@musc.edu to request a registration form.

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 _____ CVV Security Code _____

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
- Email/Scan completed registration form to cmeoffice@musc.edu
- Complete registration through the [Online Registration Portal](#)

CANCELLATIONS

A refund will be made upon written request prior to June 17, 2021 less a \$50 cancellation fee. After June 17, no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs.

By registering for this conference, you acknowledge and agree to this cancellation policy

Register Online!
www.musc.edu/cme