



The Medical University of South Carolina
Department of Family Medicine Presents

THERAPY UPDATES IN PRIMARY CARE — 2025 —

February 17-20, 2025

The Hyatt Place
Historic District
Charleston, South Carolina



THERAPY UPDATES IN PRIMARY CARE 2025

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COURSE FACULTY

COURSE DIRECTOR

Scott Bragg, Pharm.D., BCPS
Associate Professor
MUSC College of Pharmacy and
Department of Family Medicine
SC College of Pharmacy, MUSC Campus

Alec DeCastro, M.D.
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Associate Professor
Department of Family Medicine
Medical University of South Carolina

C. Wayne Weart, Pharm.D, BCPS, FASHP, FAPhA
Professor of Clinical Pharmacy & Outcome Sciences
SC College of Pharmacy MUSC Campus
Professor, Department of Family Medicine
Medical University of South Carolina

FACULTY

Russell Blackwelder, M.D., M.Div., C.M.D.
Associate Professor
Director of Geriatric Education
Director of Community Geriatrics
MUSC Department of Family Medicine

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Charlie Strange, M.D.
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Division of Pulmonary Medicine, Critical Care,
Allergy and Sleep Medicine
Medical University of South Carolina

Kristy Brittain, Pharm.D., BCPS, CDCES
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Clinical Pharmacy and Outcomes Sciences
Clinical Pharmacy Specialist, MUSC Health
Director, PGY-1
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Medical University of South Carolina
College of Pharmacy
Clinical Pharmacy Specialist | Pharmacotherapy

Geoff McLeod, D.O., FAAFP, CAQSM
Associate Professor Of Family Medicine
& Assistant Program Director
MUSC Sports Medicine Fellowship
MUSC Health at The Citadel

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Joseph Ritchie, M.D.
Palative Care Physician
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Associate Professor
College of Medicine
Department of Dermatology
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Medical University of South Carolina

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Director, Division of Hospital Medicine
Assistant Dean for Career Advising
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Associate Director of the Office of
Programs to Enhance Diversity, Hollings Cancer Center

Peter L Loper, Jr, M.D., MEd, FAAP
Program Director
MUSC Orangeburg Psychiatry
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Daniel Silverman, M.D.
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College of Medicine
Department of Medicine
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Leah Stem, M.D., MEd.
Assistant Professor
College of Medicine
Department of Family Medicine
Medical University of South Carolina

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COURSE DESCRIPTION

The purpose of this conference is to review common problems and chronic conditions in family medicine and provide practical approaches to their prevention, evaluation and treatment.

TARGET AUDIENCE & SCOPE OF PRACTICE

The conference is designed for family medicine, internal medicine, and other primary care providers, residents, physician assistants, nurse practitioners and pharmacists.

PROGRAM OBJECTIVES

At the conclusion of this conference, the participant should be able to:

- Describe current diagnosis and therapy for conditions seen in primary care.
- Discuss controversial and emerging issues in primary care.
- Explain new trends in the diagnosis and management of typical presentations to primary care.

CANCELLATIONS

A refund for conference registration will be made upon written request prior to **January 17, 2025**, however, \$100.00 will be retained for administrative costs. No refunds will be made after this date. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs. The Medical University cannot be responsible for reimbursement of airline or other transportation fees, hotel or rental car charges, including penalties. By registering for this conference, you acknowledge and agree to this cancellation policy.

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

The Medical University of South Carolina designates this live activity for a maximum of **20 AMA PRA Category 1 Credit(s)[™]**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Pharmacy Accreditation: The Medical University of South Carolina is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing education. This activity is eligible for ACPE credit; see final CPE activity announcement for specific details

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is approved.

Nursing Credit: 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 **20 AMA PRA Category 1 Credit(s)[™]**.

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 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.

ELECTRONIC SYLLABUS - PLEASE NOTE!

We're going green! In our efforts to "go green", the syllabus will be provided on our website, www.musc.edu/cme. Information will be emailed to you the week prior to the conference so that you may download a copy. Internet connection will also be available in the meeting room.

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COURSE AGENDA

At the end of each presentation, learners should be better able to achieve the respective objectives stated.

MONDAY, FEBRUARY 17, 2025

7:30 am Registration and Breakfast

8:00 Drug-Drug Interactions in Primary Care
Scott Bragg, Pharm.D.

Identify 3 clinically relevant drug-drug interactions in primary care. Discuss best practices for preventing harm from drug-drug interactions. Apply clinical decision support tools to patient care scenarios.

9:00 New Drug Update 2023-2024, Wayne Weart, Pharm.D.

Compare and contrast Vonoprazan, a first-in-class potassium-competitive acid blocker (PCAB) with the proton pump inhibitors (PPI's). Discuss the 2024 ACG Clinical Guideline: Treatment of Helicobacter pylori Infection. Describe the 2022 ACC Expert Consensus Decision Pathway on the Role of Non-statin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk and the evidence they are based upon. Discuss the evidence resulting in the Accelerated FDA Approval of Lecanemab-Leqembi an amyloid beta-directed antibody indicated for the treatment of Alzheimer's disease in patients with mild cognitive impairment or mild dementia stage of disease. Discuss the evidence for the FDA approved and potential treatments of Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) the new name for non-alcoholic fatty liver disease (NAFLD).

10:00 Break/Exhibitors

10:15 Another Year, Another Heart Failure Update: What's New and What's Important in 2025?
Daniel Silverman, M.D.

Feel comfortable discussing the presumed pathophysiology of heart failure syndromes (HFpEF & HFrEF). Treat an ambulatory patient with heart failure with reduced ejection fraction with currently recommended, guideline-directed medical therapy. Identify a patient not responding to traditional therapy who might benefit from enrollment in a clinical trial. Recognize a patient with heart failure who is struggling, and feel comfortable reaching out to a heart failure specialist

11:15 Osteoporosis Update 2025
Erin Mashack, D.O.

Define osteopenia and osteoporosis. Identify the modifiable and non-modifiable risk factors associated with osteoporosis. Recognize the long-term health impacts of osteoporotic fractures. Determine who should be considered for treatment using various diagnostic and screening tools. Distinguish between the different medications available to treat osteoporosis and their side effect profiles.

12:15 Lunch on your own

1:30 From Diagnosis to Daily Life: Managing Adult ADHD in Primary Care
Elizabeth Weed, Pharm.D.

Apply DSM-5 criteria and screening tools to accurately assess and diagnose ADHD in adults. Compare different ADHD medications, including their benefits and risks, to tailor treatment plans for individual patients. Identify risks and side effects of ADHD medications.

2:30 Updates in Hospital Medicine for the Busy Primary Care Provider,
Marc Heincelman, M.D.

Confirm one clinical practice based upon an updated hospital medicine article. Modify one clinical practice based upon an updated hospital medicine article.

3:30 pm Adjourn for the day

TUESDAY, FEBRUARY 18, 2025

7:30 am Registration and Breakfast

8:00 Asthma 2025
Charlie Strange, M.D.

Competent with establishing an accurate diagnosis of asthma. Recognize why albuterol is less favored than an ICS containing reliever medication for asthma. Discuss triggers for initiation of biologic therapy for asthma

9:00 COPD 2025
Charlie Strange, M.D.

Versed with establishing an accurate diagnosis of chronic obstructive pulmonary disease (COPD). Recognize when guidelines suggest using a triple combination inhaler. Discuss the importance of non-pharmacologic therapy for COPD.

10:00 Break/Exhibitors

10:15 Resistant HTN
Leah Stem, M.D., MEd

Differentiate these terms: HTN, secondary HTN, resistant HTN. Describe proper technique for blood pressure measurements. Manage common clinical scenarios with uncontrolled HTN.

11:15 The New and The Old: Geriatric Update
Russel Blackwelder, M.D.

Counsel patients on many of the latest medications used for older adults. Identify areas that need further attention in the care of geriatric populations. Implement preventative measures to improve outcomes for older adults.

12:15 Lunch on your own

1:30 Immunization Update
Kristy Brittain, Pharm.D.

Discuss updates to ACIP vaccination recommendations in the adult population. Apply knowledge utilizing vaccine schedules and ACIP recommendations to a patient case

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2:30 **USPSTF Guidelines Update, Nicholas Shungu, M.D.**
Interpret USPSTF recommendations based on their level of evidence.
Apply recent evidence-based USPSTF recommendation updates to your care for patients

3:30 pm **Adjourn for the day**

WEDNESDAY, FEBRUARY 19, 2025

7:30 am **Registration and Breakfast**

8:00 **Serious Illness Communication Training**
Joseph Ritchie, M.D.
Describe the evidence-based benefits of serious illness conversations for patients and families. Describe your role in improving serious illness conversations. List the components of the Serious Illness Conversation Guide.

9:00 **Screening, Assessment, and Management of Opioid Use Disorder in the Primary Care Setting, Peter Loper, M.D.**
Identify two tools for opioid use screening. Describe the components of opioid use assessment. Create an evidenced based treatment plan for opioid use disorder.

10:00 **Break/Exhibitors**

10:15 **Trigger Points and Myofascial Pain: What's Old, What's New, and What's Relevant, Geoffrey McLeod, D.O.**
Appropriately identifying myofascial trigger and appropriately develop a plan of care based on the current spectrum of therapeutic options available.

11:15 **Pharmaceutical-Assisted Obesity Treatment**
Tori Sullivan, M.D.
Discuss non-pharmacologic obesity treatment options with patients. Analyze and present patients with risks and benefits of weight loss medications. Implement pharmacologic weight loss treatments. Recognize options for more advanced obesity treatment.

12:15 pm **Adjourn for the day**

THURSDAY, FEBRUARY 20, 2025

7:30 am **Registration and Breakfast**

8:00 **Male Fertility and Testosterone Replacement Therapy**
Solomon Hayon, M.D.
Review the epidemiology of male infertility and its relation to overall health. Summarize general aspects of male infertility workup and treatment options. Review fertility implications of testosterone replacement therapy and understand possible treatment pathways.

9:00 **Therapeutic Update in Dermatology for Primary Care**
Laura Winterfird, M.D.
Incorporate hormonal therapy into acne management. Discuss the initial workup and management of non-scarring hair loss. Diagnose and follow a treatment algorithm for hidradenitis suppurativa. Use morphologic features of cutaneous lesions to formulate differential diagnoses and therapeutic plans for rashes presenting in the primary care setting

10:00 **Break/Exhibitors**

10:15 **Essential Atrial Fibrillation Guideline Updates for Primary Care Providers**
Jason Haney, Pharm.D.
Interpret the clinical evidence supporting changes to atrial fibrillation (AF) care as represented in the 2023 ACC/AHA guidelines. Translate treatment guidelines into clinical practice for patients with AF to support optimal patient care. Identify patient- and health-related factors associated with increased risk of AF, including cardiovascular comorbidities.

11:15 **Updates in Diabetes Care**
Eric Matheson, M.D.
Implement evidence-based strategies for diabetes diagnosis and screening. Develop individualized treatment plans based on patient-centered goals. Utilize pharmacotherapy effectively in the management of diabetes. Manage diabetes-related complications

12:15 pm **Adjourn until 2025**



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REGISTRATION INFORMATION

	<i>On or Before 2/16/2025</i>	<i>After 2/16/2025</i>
Registration (4-day in person)	\$749	\$795
Registration (4-day Virtual)	\$775	\$835
Registration (Monday/Tuesday In-person)	\$450	\$495
Registration (Monday/Tuesday Virtual)	\$475	\$535
Registration (Wednesday/Thursday In-person)	\$350	\$395
Registration (Wednesday/Thursday Virtual)	\$375	\$435
MUSC Faculty and Health Professionals	\$375	\$375

Registration fee includes continental breakfasts, coffee breaks, electronic course syllabus and credit processing. Pre-registrations will be accepted until February 1, 2024 or until the conference capacity is reached. After this date, you must contact the MUSC Office of CME (cmeoffice@musc.edu or 843-876-1925) to see if space is still available. **Please note:** for virtual registrations, a minimum number of participants must register to be able to offer the virtual meeting. If this minimum is not met, you will be notified by January 17, 2025, and will be given the option to change to in-person registration or receive a full refund. If the virtual registration option is canceled, the video access option would also be canceled and a refund will be issued to anyone that purchased access to the videos. 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 \$100.00 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 1.0 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

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

- **Online:** Visit
- **Mail:** Please send registration form with checks* payable to "Medical University of South Carolina" or credit card information to:
MUSC Office of CME, 96 Jonathan Lucas Street, HE 601, MSC 754, Charleston, SC 29425
- **Telephone:** 843-876-1925 - Credit card only.

ACCOMMODATIONS

THE HYATT HOTEL • 560 KING STREET, CHARLESTON, SC 29403 • (843) 414-0722

Nestled in the heart of Charleston's Upper King Historic District between the Restaurant District and Museum Row, Hyatt Place Charleston/Historic District offers a rooftop bar, restaurants, and exceptional service close to some of the most popular things to do in Charleston. Return to our spacious rooms to relax and spend a beautiful evening at our rooftop bar offering more than 40 craft beers and stunning city views. The Hyatt Place Charleston/Historic District has all the amenities you need for a luxurious stay.

Special group rates start at **\$209.00**, 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 Friday, **January 24, 2025** however the room block may be filled 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 843-414-0722 or 877-803-7534 and identifying yourself as being a participant in this meeting, or by following the online directions below.

Link for online reservations: [Therapy Updates in Primary Care](#)

Online Booking Code: G-MFMM

Parking: Valet parking at the hotel is available at \$42.00 plus tax, per day and can be added to your guest folio. In addition, self-parking is available at \$20.00 per day.

QUESTIONS?

Call the Office of CME at 843-876-1925
or email cmeoffice@musc.edu



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REGISTRATION FORM

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

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

- 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..

PLEASE SELECT THE APPROPRIATE RATE(S)

	Early Bird (On/Before 2/16/2025)	Regular (After 2/16/2025)
Registration (4-day in person)	<input type="checkbox"/> \$749	<input type="checkbox"/> \$795
Registration (4-day Virtual)	<input type="checkbox"/> \$775	<input type="checkbox"/> \$835
Registration (Monday/Tuesday In-person)	<input type="checkbox"/> \$450	<input type="checkbox"/> \$495
Registration (Monday/Tuesday Virtual)	<input type="checkbox"/> \$475	<input type="checkbox"/> \$535
Registration (Wednesday/Thursday In-person)	<input type="checkbox"/> \$350	<input type="checkbox"/> \$395
Registration (Wednesday/Thursday Virtual)	<input type="checkbox"/> \$375	<input type="checkbox"/> \$435

ACCESS TO RECORDED PRESENTATIONS**

- Yes, I would like access to the recorded videos for an additional fee \$100
- No, I do not want access to the recorded videos for an additional fee N/A

** 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

Please note: for virtual registrations, a minimum number of participants must register to be able to offer the virtual meeting. If this minimum is not met, you will be notified by January 27, 2025, and will be given the option to change to in-person registration or receive a full refund. If the virtual registration option is canceled, the video access option would also be canceled and a refund will be issued to anyone that purchased access to the videos.

CONFERENCE REGISTRATION MAY BE CHARGED TO:

- Enclosed Check Payable to MUSC MasterCard Visa Discover American Express

Card Number _____ Expiration Date _____

Name as it appears on card _____ CVV Security Code _____ Authorized amount to be charged _____

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
MUSC Office of CME
96 Jonathan Lucas Street
HE 601, MSC 754
Charleston, SC, 29425
- Email/Scan completed registration form to cmeoffice@musc.edu
- Complete registration through the Online Registration Portal

Register Online!
www.musc.edu/cme

CANCELLATIONS

A refund will be made upon written request prior to January 17, 2025 less a \$100 cancellation fee. After January 5, 2024 no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for cancelled programs. By registering for this conference, you acknowledge and agree to this cancellation policy