

EVIDENCE-BASED DRUG THERAPY UPDATE

MAY 12-13, 2022
CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD
NORTH CHARLESTON, SC

MUSC
Medical University of South Carolina

www.musc.edu/cme



EVIDENCE-BASED
DRUG THERAPY UPDATE

MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC



COURSE FACULTY

CONFERENCE CHAIRS

C. Wayne Weart, Pharm.D., BCPS, FASHP, FAPhA
Professor of Clinical Pharmacy and Outcome Sciences
SC College of Pharmacy, MUSC Campus
Professor of Family Medicine, Department of Family Medicine

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

FACULTY

Kristy Brittain, PharmD, BCPS, CDCES
Associate Professor of Clinical Pharmacy Specialist
SC College of Pharmacy
Department of Family Medicine
Medical University of South Carolina

Vanessa Diaz, M.D.
Professor
Associate Chief Medical Officer
MUSC-Physicians

Anthony DeClue, Pharm.D.
Assistant Professor
SC College of Pharmacy, MUSC Campus
Clinical Pharmacy and Outcome Sciences

John R. Freedy, M.D., Ph.D.
Professor of Family Medicine
Director, Behavioral Science Curriculum
Medical University of South Carolina

Jason Haney, PharmD
Associate Professor
SC College of Pharmacy
Clinical Pharmacy and Outcome Sciences
Medical University of South Carolina

Richard Marchell, M.D.
Associate Professor
Residency Program Director
Department of Dermatology and Dermatologic Surgery
Medical University of South Carolina

Christine Rarrick, PharmD, MBA, BCPS, BCPP
Affiliate Associate Professor
Clinical Pharmacy Specialist-Psychiatry
College of Pharmacy
Medical University of South Carolina

Jenna Reel, PharmD, BCPS
Associate Program Director
Clinical Faculty with
Spartanburg Center for Family Medicine Residency

Morgan Rhodes, Pharm.D., BCACP
Assistant Professor
Department of Family and Preventive Medicine
University of South Carolina School of Medicine
Columbia, SC

Leah Stem, M.D
Assistant Professor
Department of Family Medicine
Medical University of South Carolina

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

MUSC
Medical University of South Carolina

www.musc.edu/cme

EVIDENCE-BASED
DRUG THERAPY UPDATE



MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC

COURSE AGENDA

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

THURSDAY, MAY 12, 2022

7:15 am Registration & Breakfast

8:00 Updates for Chronic Kidney Disease Management in Primary Care
Scott Bragg, Pharm.D.
Recall five strategies for reducing renal function decline with CKD. List first line treatments for common complications of CKD. Develop more comfort with managing new CKD medications. Identify appropriate situations to consult a nephrologist.

9:00 New Diagnostic Strategies and New Triple Therapy Inhalers, *Charlie Strange, M.D.*
Recognize and make a diagnosis of COPD with high certainty. Assess when to order single and combination inhalers for COPD. The learner should be able to establish a care plan for exacerbations of disease.

10:00 Break

10:15 New Guidelines Using SMART Therapy with No Albuterol, *Charlie Strange, M.D.*
Recognize and make a diagnosis of asthma with high certainty. Assess when to order single and combination inhalers for asthma. The learner should be able to establish a care plan for exacerbations of disease.

11:15 Why don't my patients take their medications as directed?!? Social and psychological factors that influence patient adherence.
John Freedy, M.D., Ph.D.
Define "medication nonadherence" including the percentage of adults who are typically medication nonadherent. Recognize and name the most common reasons, including social and psychological reasons, for medication nonadherence. Participants will be able to perform common psychosocial strategies to improve medication adherence (e.g., patient education, medication regimen management, pharmacist consultation for chronic disease co-management, motivational interviewing, medication taking reminders, and adherence incentives).

12:15 pm Lunch on your own

1:45 The Right Treatment MATters: Advances in the Treatment of Opioid Use Disorder, *Christine Rarrick, PharmD*
Describe data related to opioid use and overdose deaths in the United States. Discuss evidence based harm reduction strategies for patients with opioid use disorder (OUD) Select the most appropriate medication assisted treatment (MAT) for OUD given a patient case. Design a safe and effective MAT initiation strategy based on a patient case

2:45 Updates in Heart Failure Management, *Jason Haney, Pharm.D.*
According to current evidence, treatment guidelines, and American College of Cardiology decision pathways in the management of heart failure, the audience should be able to: define the new definition and classifications of heart failure according to ejection fraction, discuss the role of SGLT-2 inhibitors as part of the foundational therapy for heart failure and determine an appropriate phenotype-guided initiation sequence of guideline-directed medical therapy for heart failure in a presented patient.

3:45 Break

4:00 Common Dermatology Conditions, *Richard Marchell, M.D.*
Diagnose and treat common dermatology conditions.

5:00 Conclude for the Day

FRIDAY, MAY 13, 2022

7:15 am Registration & Breakfast

8:00 COVID-19 Treatment Update, *Vanessa Diaz, M.D.*
Identify outpatient treatment options for COVID-19. Describe eligibility criteria for COVID-10 monoclonal antibody infusion. Discuss effectiveness of outpatient treatment options for COVID-19

(continued on the following page)

EVIDENCE-BASED
DRUG THERAPY UPDATE

MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC



FRIDAY, MAY 13, 2022 (Continued)

9:00 New Drug Update 2021-2022,
Wayne Weart, Pharm.D.

Discuss the FDA Warnings and label changes that relate to medication safety and how this information should be applied in the selection and monitoring of evidence-based pharmacotherapy to achieve better patient related outcomes; Describe the 2022 updated ACIP/CDC Immunization recommendations and new FDA approved vaccines; Describe the current information concerning newly FDA approved medications (pharmacology, pharmacokinetics, efficacy and safety data, drug interactions, dosing, monitoring and cost) in the selection of evidence-based pharmacotherapy.

10:00 Break

10:15 Immunization Update 2022
Kristy Brittain, Pharm.D.

Discuss legal and regulatory updates impacting the provision of immunizations. Identify appropriate methods for vaccine administration and emergency response. Discuss current ACIP recommended vaccines for pediatric and adult populations. Apply knowledge utilizing vaccine schedules to a patient case.

11:15 To Bleed or Not to Bleed
Morgan Rhodes, Pharm.D.

Discuss the indications and durations of anticoagulation therapy. Analyze therapeutic options for anticoagulation (direct-acting oral anticoagulants vs vitamin K antagonists). Develop treatment plans for patients requiring anticoagulation. Discuss the use of anticoagulation in special situations (triple therapy with antiplatelets, renal dysfunction, obesity, history of bleeding, cancer)

12:15 pm Lunch on your own

1:45 Addressing Financial Barriers to Medication Adherence
Jenna Reel, Pharm.D.

Define medication adherence and its importance to improving patient health. Recognize the importance of inquiring about medication affordability. Describe methods to help improve medication adherence. Identify ways to help patients overcome financial barriers related to medication adherence.

2:45 STI Updates on Screening and Treatment
Leah Stem, M.D.

Describe new treatment approaches for gonorrhea and chlamydia. Review STI detection for HSV and syphilis. Identify patients who are candidates for PrEP.

3:45 Break

4:00 New Drug Update - Diabetes
Anthony DeClue, Pharm.D.

Describe and discuss the newest guidelines for patients with diabetes including the evidence on which they are based, and when and how to apply them in selected patients.

5:00 Conclude until 2023

CHARLESTON, SC

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



EVIDENCE-BASED
DRUG THERAPY UPDATE



MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC

COURSE DESCRIPTION

The Evidence-Based Drug Therapy Update is designed to assist primary care providers with the how, when and why to consider the application of new knowledge and/or new medications where appropriate based upon the evidence that is available at the time. Areas where considerable new information and/or medications have become available in the last year will be included in this update.

STATEMENT OF PURPOSE

Our primary goal is to provide these practitioners with the most appropriate, up-to-date, cost-effective and evidence based pharmacotherapy information so that they can apply this information to the care of their patients. Our overall goal is to assist these providers in obtaining the best patient oriented outcomes for their patients.

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 $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.

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.

CREDIT DESIGNATION

The Medical University of South Carolina designates this live activity for a maximum of ***14.0 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 credit has been filed with the American Academy of Family Physicians. Determination of credits is pending.

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

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 *14.0 AMA PRA Category 1 Credit(s)™*.

Advanced Practice Registered Nurses: This continuing education activity awards a total of 14.0 PH (pharmacology hours). Hours are for controlled substances are TBD.

PLEASE NOTE: For non-pharmacy attendees, you now receive your CME and CEU credits online. After the conference, you will be emailed instructions and a link to claim your credit online and print your credit certificate. On the registration form, please provide the email address that you actively use to ensure that you receive these important emails.



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

EVIDENCE-BASED
DRUG THERAPY UPDATE



MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC

REGISTRATION INFORMATION

	Early Bird (on or before 2/28/2022)	Regular (after 2/28/2022)
Practicing Physicians (Virtual or in-person)	$400	$450
NP's, PA's, RPh, Residents (Virtual or in-person)	$400	$450
Students (MUSC) (Virtual or in-person)	$200	$250

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 8, 2022**. After this date, you must contact the Office of CME at 843-876-1925 to see if space is still available.

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

1. Mail registration form with check made out to "Medical University of South Carolina" or credit card information or credit card information to
   MUSC Office of CME
   96 Jonathan Lucas Street,
   HE221A, MSC 754,
   Charleston, SC, 29425
2. Telephone: (843) 876-1925 – Registration by credit card only
3. Complete Registration through the Online Registration Portal

ACCOMMODATIONS

A block of rooms have been reserved at the Crowne Plaza Hotel at the discounted rate of **$149.00**, plus 14% tax. This special rate will be offered until **Friday, April 8, 2022.**

Crowne Plaza Hotel
4831 Tanger Outlet Boulevard
North Charleston, SC 29418

To book your Hotel Reservations by phone, call 843-744-4422 or Toll Free 877-747-7301 and reference group "Evidence Based Drug Therapy".

To book your hotel reservations online, visit the following link:
CROWNE PLAZA BOOKING LINK



CANCELLATIONS

A refund will be made upon written request ***prior to April 8, 2022***, less a $100 cancellation fee. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs. The University cannot be responsible for reimbursement of airline or other transportation fares, hotel or rental car charges, including penalties.

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.

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.

EVIDENCE-BASED
DRUG THERAPY UPDATE

MUSC Medical University of South Carolina

MAY 12-13, 2022 | CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD, NORTH CHARLESTON, SC

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 or before 2/28/2022)	Regular (after 3/1/2022)
Practicing Physicians	○ $400	○ $450
NP's, PA's, RPh, Residents	○ $400	○ $450
Students (MUSC)	○ $200	○ $250

PLEASE SELECT THE REGISTRATION TYPE

○ In-Person Registration ○ Virtual Registration

ACCESS TO RECORDED PRESENTATIONS**

- ○ Yes, I would like access to the recorded videos for an additional fee of $100.00
- ○ No, I do not want access to the recorded videos for an additional fee of $100.00

** 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

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

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

1. Mail registration form with check made out to "Medical University of South Carolina" or credit card information or credit card information to
   MUSC Office of CME
   96 Jonathan Lucas Street, HE221A, MSC 754,
   Charleston, SC, 29425
2. Telephone: (843) 876-1925 – Registration by credit card only
3. Complete Registration through the Online Registration Portal

Register Online!
www.musc.edu/cme

CANCELLATIONS

A refund will be made upon written request ***prior to April 8, 2022***, less a $100 cancellation fee. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled 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.*