



EVIDENCE-BASED DRUG THERAPY UPDATE

MAY 9-10, 2019
CROWNE PLAZA HOTEL
4831 TANGER OUTLET BLVD
NORTH CHARLESTON, SC

www.musc.edu/cme



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COURSE FACULTY

CONFERENCE CHAIRS

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

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

FACULTY

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

Jennifer Bain, M.D.
Associate Professor
Clinical Services Director
Department of Family Medicine
Medical University of South Carolina

Russell Blackwelder, M.D., MDiv
Assistant Professor
Director of Geriatric Education
MUSC Department of Family Medicine
Associate Medical Director, The Village at Summerville

Nicole Bohm, Pharm.D., BCPS
Associate Professor
Clinical Pharmacy and Outcomes Sciences
Medical University of South Carolina

Sarah Bradford, M.D.
Assistant Professor
Department of Medicine
Medical University of South Carolina

Michael Corvino, Pharm.D.
Adjunct Assistant Professor, CSU Physician Assistant Program
Clinical Pharmacist, Fetter Heal Care Network
Diabetes Educator, Palmetto Pharmacist Network,

Kristen Hood Watson, M.D.
Assistant Dean for Resident Inclusion
Assistant Professor
Department of Family Medicine
Medical University of South Carolina

Lisa Mims, M.D., MS
Associate Program Director
Assistant Professor
Trident/MUSC Family Medicine Residency Program
Medical University of South Carolina

Anita Ramsetty, M.D., CCMS
Medical Director and Faculty Advisor, CARES Clinic
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



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COURSE AGENDA

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

THURSDAY, MAY 9, 2019

7:15 am Registration & Breakfast

8:00 Contraception Update, *Jennifer Bain, M.D.*

Identify appropriate contraception options for patients based on indications, side effects, route of administration, length of use and effectiveness.

9:00 MAT 101- Everything You Need to Know About Medication Assisted Treatment of Opioid Disorders, *Sarah Bradford, M.D.*

Contrast the pharmacologic features of methadone, buprenorphine, and naltrexone; Describe the goals of an initial evaluation for patients with opioid use disorder; Describe factors to consider in treatment planning to determine if Office-Based Opioid Treatment (OBOT) is appropriate for the patient; Identify ways to train to get a buprenorphine waiver; Identify where you can refer patients for MAT in your practice area.

10:00 Break

10:15 Overcoming Obesity: Medication and Lifestyle Management, *Kristen Hood Watson, M.D.*

Identify when to prescribe weight loss medications; Appropriately prescribe weight loss medications based on the individual patient; Advise patients on diet plans based on current evidence; Advise patients on exercise goals; Incorporate other behavioral strategies into weight management plans.

11:15 Thyroid Update, *Anita Ramsetty, M.D.*

Assess the need for added thyroid hormone lab studies in specific situations; Recall existing data in treating subclinical hypothyroidism; Discuss the question of using T3.

12:15 pm Lunch on your own

1:45 DOACs in CAT, HIT, and Other News, *Nicole Bohm, Pharm.D.*

Compare benefits and risks of DOACs to standard of care anticoagulation in the treatment of cancer-associated thrombosis; Identify patients with heparin-induced thrombocytopenia who may be candidates for DOACs; Recognize patient-specific factors that may compromise safety or effectiveness of DOAC therapy.

2:45 Hyperlipidemia Update, *Michael Corvino, Pharm.D.*

Identify patient-specific risk-enhancing factors that would indicate a patient's need for statin therapy; Incorporate the updated goals for LDL-C levels into current practice models; Utilize non-statin pharmacotherapy options for certain patients; Examine the supporting evidence responsible for the updated guidelines.

3:45 Break

4:00 Cognitive Impairment and Dementia: Getting There or Getting Nowhere? *Russell Blackwelder, M.D.*

Articulate updates in Dementia care and research; Apply current recommendations and evidence in patients at risk of cognitive impairment.

5:00 Conclude for the Day

FRIDAY, MAY 10, 2019

7:15 am Registration & Breakfast

8:00 Clinical Updates of the Infectious Kind, *Lisa Mims, M.D.*

Describe the new IDSA guidelines regarding treatment of Clostridium difficile colitis; Compare the antiviral treatment option for influenza; Compare the treatment modalities for impetigo.

(continued on the following page)

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FRIDAY, MAY 25, 2018 (Continued)

9:00 The Right Drug at the Right Time: Evidence-based, Cost-Effective Clinical Choices to Improve Patient Outcomes in Patients with Heart Failure with Reduced EF and in Patients with Hypertension, *Wayne Weart, Pharm.D.*

Compare and contrast the AHA/ACC/HFSA recommended pharmacologic therapies including target doses for patients with heart failure with reduced ejection fraction (HFrEF); Prescribe a guideline directed medical therapy to include specific medications and doses to a patient with HFrEF; recommend a target or goal blood pressure for a specific patient with hypertension based upon the current guidelines/data; Recommend an evidence-based, cost effective antihypertensive medication regimen to a patient with hypertension.

10:00 Break

10:15 Drug and Device Updates for COPD, *Charlie Strange, M.D.*
Interpret spirometry; Adjust medication classes on the basis of both symptoms and exacerbation frequency; Improve medication compliance in their patients by better understanding the definition of an exacerbation; Determine when a CT scan is indicated for obstructive lung diseases.

11:15 Drug Update for Asthma, *Charlie Strange, MD*
Incorporate spirometry into the definition of asthma to improve the specificity of diagnosis; Discuss with patients the removal of boxed warnings from some inhalers but not others regarding increased risk of asthma death; Incorporate a checklist for patients who are poorly controlled on current asthma therapy; Determine when to refer patients for biologic therapy for asthma.

12:15 pm Lunch on your own

1:45 New Updates in Osteoporosis, *Scott Bragg, Pharm.D.*
Identify patients who need osteoporosis screening; Determine how long patients should continue bisphosphonates or other treatments; Reduce a patient's risk of fracture in both primary and secondary prevention

2:45 Sweetening the Deal: Cardiovascular Protection with Diabetes Medications, *Morgan Adams, Pharm.D.*
Discuss the history of cardiovascular outcomes trials (CVOT) for diabetes medications; Compare the design and results of CVOT for DPP-4 inhibitors, thiazolidinediones, SGLT2 inhibitors, and GLP-1 receptor agonists; Describe the role of CVOT in the 2019 ADA treatment algorithm.

3:45 Break

4:00 New Drug Update 2018-2019, *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 2019 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.

5:00 Conclude until 2020

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*



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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.

OVERALL LEARNING OBJECTIVES

At the completion of this conference, you should be better able to:

- Deliver practical updates and reviews covering the newest information and evidence-based guidelines on pharmacologic therapies for the most common health conditions prevalent in today's healthcare environment
- Focus on strategies to improve quality, safety and efficiency in patient care during the ever-changing healthcare market
- Practice a team approach and apply the most evidence-based, non-biased and balanced healthcare decisions in a timely and accurate manner
- Prescribe appropriate diagnostic and therapeutic strategies in a cost-effective manner considering legal and liability exposure

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.

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 program is accredited for a maximum of 14.0 live contact hours of ACPE credit for pharmacists (visit <https://cop.sc.learningexpressce.com> to view the full activity announcement for pharmacists, including learning objectives for pharmacists, ACPE UAN numbers, and activity types). To obtain maximum credit, participants must attend all sessions during the two-day conference. In order to have credit transmitted to the NABP CPE Monitor system, participants must: 1) update their online profile at <https://cop.sc.learningexpressce.com> with the correct NABP e-profile ID number and birth month/date, and 2) complete the pharmacist-specific program evaluations on the Learning Express site for all sessions attended within 30 days of the event. If this process is completed greater than 60 days following the event, the credit will be automatically rejected by the NABP CPE Monitor. Detailed instructions on how to have credit transmitted to the NABP CPE Monitor will be provided to program attendees.

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 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@muscd.edu

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REGISTRATION INFORMATION

	Full Conference	5/9	5/10
Practicing Physicians	\$400	\$200	\$200
NP's, PA's, RPh, Residents	\$400	\$200	\$200
Students (MUSC)	\$200	\$100	\$100
Printed Course Syllabus	\$35	\$35	\$35

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

No pre-registrations will be accepted after **May 6, 2019**. 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 <https://tinyurl.com/2019EBDTU>
- **Mail:** Please send registration form with check payable to "Medical University of South Carolina" or credit card information to: Elizabeth Gossen, 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)

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 **Monday, April 8, 2019**.

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:
<https://tinyurl.com/CrownePlaza-EBDTU>



CANCELLATIONS

A refund will be made upon written request **prior to April 9, 2019**, 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.

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. A printed syllabus is available upon request at the time of your registration for an additional fee of \$35.00.

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.

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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.
- Printed Course Syllabus:**
- YES, I do want a copy of the printed syllabus for \$35.
- NO, I do not want a printed copy of the course syllabus.

PLEASE SELECT THE APPROPRIATE RATE(S)

	Full Conference	5/9	5/10
Practicing Physicians	<input type="radio"/> \$400	<input type="radio"/> \$200	<input type="radio"/> \$200
NP's, PA's, RPh, Residents	<input type="radio"/> \$400	<input type="radio"/> \$200	<input type="radio"/> \$200
Students (MUSC)	<input type="radio"/> \$200	<input type="radio"/> \$100	<input type="radio"/> \$100
Printed Course Syllabus	<input type="radio"/> \$35	<input type="radio"/> \$35	<input type="radio"/> \$35

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 Elizabeth Gossen, 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 <https://tinyurl.com/2019EBDTU>

CANCELLATIONS

A refund will be made upon written request **prior to April 9, 2019**, 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.

Register Online!
www.musc.edu/cme

Evidence-Based Drug Therapy Update 2019

Learning Objectives for Pharmacists

THURSDAY, MAY 9, 2019

7:15 am **Registration & Breakfast**

8:00 **Contraception Update**

Jennifer Bain, MD; Associate Professor, Clinical Services Director; Department of Family Medicine, MUSC

ACPE UAN 0062-9999-19-099-L01-P, 1.0 contact hours, knowledge-based

At the completion of this activity, the participant will be able to:

1. Identify appropriate contraception options for patients based on indications, side effects, route of administration, length of use and effectiveness.

9:00 **MAT 101- Everything You Need to Know About Medication Assisted Treatment of Opioid Disorders**

Sarah Bradford, MD; Assistant Professor, Department of Medicine, MUSC

ACPE UAN 0062-9999-19-100-L01-P, 1.0 contact hours, knowledge-based

At the completion of this activity, the participant will be able to:

1. Contrast the pharmacologic features of methadone, buprenorphine, and naltrexone
2. Describe the goals of an initial evaluation for patients with opioid use disorder
3. Describe factors to consider in treatment planning to determine if Office-Based Opioid Treatment (OBOT) is appropriate for the patient
4. Identify ways to train to get a buprenorphine waiver
5. Identify where you can refer patients for MAT in your practice area

10:00 **Break**

10:15 **Overcoming Obesity: Medication and Lifestyle Management**

Kristen Hood Watson, MD; Assistant Dean for Resident Inclusion Assistant, Professor, Department of Family Medicine, MUSC

ACPE UAN 0062-9999-19-101-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Identify when to prescribe weight loss medications
2. Prescribe appropriate weight loss medications based on the individual patient
3. Advise patients on diet plans based on current evidence
4. Advise patients on exercise goals
5. Incorporate other behavioral strategies into weight management plans

11:15 **Thyroid Update**

Anita Ramsetty, MD, CCMS; Medical Director and Faculty Advisor, CARES Clinic, Assistant Professor, Department of Family Medicine, MUSC

ACPE UAN 0062-9999-19-102-L01-P, 1.0 contact hours, knowledge-based

At the completion of this activity, the participant will be able to:

1. Assess the need for added thyroid hormone lab studies in specific situations
2. Recall existing data in treating subclinical hypothyroidism
3. Discuss the question of using T3

12:15 pm **Lunch on your own**

1:45 **DOACs in CAT, HIT, and Other News**

Nicole Bohm, PharmD; Associate Professor, Department of Clinical Pharmacy and Outcomes Sciences, MUSC

ACPE UAN 0062-9999-19-103-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Compare benefits and risks of DOACs to standard of care anticoagulation in the treatment of cancer-associated thrombosis
2. Identify patients with heparin-induced thrombocytopenia who may be candidates for DOACs
3. Recognize patient-specific factors that may compromise safety or effectiveness of DOAC therapy

2:45 **Hyperlipidemia Update**

Michael Corvino, PharmD; Adjunct Assistant Professor, CSU Physician Assistant Program; Clinical Pharmacist, Fetter Health Care Network; Diabetes Educator, Palmetto Pharmacist Network

ACPE UAN 0062-9999-19-104-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Identify patient-specific risk-enhancing factors that would indicate a patient's need for statin therapy
2. Incorporate the updated goals for LDL-C levels into current practice models
3. Utilize non-statin pharmacotherapy options for certain patients
4. Examine the supporting evidence responsible for the updated guidelines

3:45 **Break**

4:00 **Cognitive Impairment and Dementia: Getting There or Getting Nowhere?**

Russell Blackwelder, MD; Assistant Professor, Director of Geriatric Education, MUSC Department of Family Medicine; Associate Medical Director, The Village at Summerville

ACPE UAN 0062-9999-19-105-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Articulate updates in dementia care and research
2. Apply current recommendations and evidence in patients at risk of cognitive impairment

5:00 **Conclude for the Day**

FRIDAY, MAY 10, 2019

7:15 am **Registration & Breakfast**

8:00 **Clinical Updates of the Infectious Kind**

Lisa Mims, MD, MS; Associate Program Director, Assistant Professor; Trident/MUSC Family Medicine Residency Program, MUSC

ACPE UAN 0062-9999-19-106-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Describe the new IDSA guidelines regarding treatment of *Clostridium difficile* colitis
2. Compare the antiviral treatment option for influenza
3. Compare the treatment modalities for impetigo

9:00 **The Right Drug at the Right Time: Evidence-based, Cost Effective Clinical Choices to Improve Patient Outcomes in Patients with Heart Failure with Reduced EF and in Patients with Hypertension**

Wayne Weart, PharmD, BCPS, FASHP, FAPhA; Professor of Clinical Pharmacy and Outcome Sciences, MUSC College of Pharmacy; Professor of Family Medicine, Department of Family Medicine, MUSC

ACPE UAN 0062-9999-19-107-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Compare and contrast the AHA/ACC/HFSA recommended pharmacologic therapies including target doses for patients with heart failure with reduced ejection fraction (HFrEF)
2. Prescribe a guideline directed medical therapy to include specific medications and doses to a patient with HFrEF
3. Recommend a target or goal blood pressure for a specific patient with hypertension based upon the current guidelines/data
4. Recommend an evidence-based, cost effective antihypertensive medication regimen to a patient with hypertension.

10:00 **Break**

10:15 **Drug and Device Updates for COPD**

Charlie Strange, MD; Professor, Division of Pulmonary Medicine and Critical Care; Department of Medicine, USC

ACPE UAN 0062-9999-19-108-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Interpret spirometry
2. Adjust medication classes on the basis of both symptoms and exacerbation frequency
3. Improve medication compliance in their patients by better understanding the definition of an exacerbation
4. Determine when a CT scan is indicated for obstructive lung diseases

11:15

Drug Update for Asthma

Charlie Strange, MD; Professor, Division of Pulmonary Medicine and Critical Care; Department of Medicine, USC

ACPE UAN 0062-9999-19-109-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Incorporate spirometry into the definition of asthma to improve the specificity of diagnosis
2. Discuss with patients the removal of boxed warnings from some inhalers but not others regarding increased risk of asthma death
3. Incorporate a checklist for patients who are poorly controlled on current asthma therapy
4. Determine when to refer patients for biologic therapy for asthma

12:15 pm

Lunch on your own

1:45

New Updates in Osteoporosis

Scott Bragg, PharmD, BCPS; Assistant Professor, MUSC College of Pharmacy and Department of Family Medicine

ACPE UAN 0062-9999-19-110-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Identify patients who need osteoporosis screening
2. Determine how long patients should continue bisphosphonates or other treatments
3. Reduce a patient's risk of fracture in both primary and secondary prevention

2:45

Sweetening the Deal: Cardiovascular Protection with Diabetes Medications

Morgan Adams, PharmD, BCACP; Assistant Professor, Department of Family and Preventive Medicine, University of South Carolina School of Medicine; Columbia, SC

ACPE UAN 0062-9999-19-111-L01-P, 1.0 contact hours, application-based

At the completion of this activity, the participant will be able to:

1. Discuss the history of cardiovascular outcomes trials (CVOT) for diabetes medications
2. Compare the design and results of CVOT for DPP-4 inhibitors, thiazolidinediones, SGLT2 inhibitors, and GLP-1 receptor agonists
3. Describe the role of CVOT in the 2019 ADA treatment algorithm

3:45

Break

4:00

New Drug Update 2018-2019

Wayne Weart, PharmD, BCPS, FASHP, FAPhA; Professor of Clinical Pharmacy and Outcome Sciences, MUSC College of Pharmacy; Professor of Family Medicine, Department of Family Medicine, MUSC

ACPE UAN 0062-9999-19-112-L01-P, 1.0 contact hours, knowledge-based

At the completion of this activity, the participant will be able to:

1. 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 outcome
2. Describe the 2019 updated ACIP/CDC Immunization recommendations and new FDA approved vaccines
3. 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

5:00

Conclude until 2020