



Western
University
OF HEALTH SCIENCES

College of Pharmacy

APhA PHARMACIST & PATIENT-CENTERED DIABETES CARE

A CERTIFICATE TRAINING PROGRAM

MAY 22, 2024

Location

Zoom

Time

5:30 p.m. – 9:30 p.m.

8 CONTACT HOURS

TECHNOLOGY REQUIREMENTS

Computer and internet access is required to complete this activity. Please visit APhA's website to view the Technology System Requirements to have a positive learning experience.

PHARMACISTS: \$450.00

Fee for WesternU Faculty, Preceptors and Alumni: \$425.00*

* Contact Renee Cook at rcook@westernu.edu for a discount code

Cancellations made 10 days in advance of class date are fully refundable less a \$125 administrative fee. If canceled in less than 10 days, there is no refund, however, you may reschedule for the same WesternU COP/APhA course within 24 months from the date of the original course, if available.

REGISTER NOW

pharmacyce.westernu.edu

CE Accreditation

Target Audience: Pharmacists in all practice settings

Activity Type: Application and Practice-based

Learning Level: Level 3



The American Pharmacists Association is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The Pharmacist and Patient-Centered Diabetes Care certificate training program is approved for a total of 8 contact hours of continuing pharmacy education (CPE) credit (0.8 CEUs). The ACPE Universal Activity Numbers (UAN) for this activity are listed below.

- Successful completion of the self-study component involves passing the self-study assessment with a grade of 70% or higher and will result in 4 contact hours of CPE credit (0.4 CEUs). ACPE UAN: 0202-0000-23-436-H01-P
- Successful completion of the live seminar component involves attending the full live seminar, successfully demonstrate competency in the utilization and/or evaluation of these devices, and completing the online assessment and evaluation. Successful completion of this component will result in 4 contact hours of CPE credit (0.4 CEU). ACPE UAN: 0202-0000-23-437-L01-P / 0202-9999-23-437-L01-P

To obtain 8 contact hours of CPE credit (0.8 CEUs) for APhA's The Pharmacist and Patient-Centered Diabetes Care certificate training program, the learner must complete all components listed above, and CLAIM credit for each component. Participants will need to have a valid APhA (pharmacist.com) username and password, as well as a CPE Monitor account to claim credit. After credit has been claimed, please visit CPE monitor for your transcript. The Certificate of Achievement will be available online upon successful completion of the necessary activity requirements on the participant's My Training page on www.pharmacist.com.

APhA continuing pharmacy education policy provides you with two opportunities to successfully complete the continuing pharmacy education assessment. Please note that you will not be permitted to submit the assessment a third time. The current policy of the APhA Education Department is not to release the correct answers to any of our CPE tests. This policy is intended to maintain the integrity of the CPE activity and the assessment.

Release Date: December 20, 2023

Expiration Date: December 20, 2026 - PLEASE NOTE: NO Home Study credit granted after this date; Live Credit can only be granted within 60 days from the day of the seminar attended.

CLASS OVERVIEW

APhA's "The Pharmacist and Patient-Centered Diabetes Care" Certificate Training Program was the recipient of the 2015 Award, Alliance for Continuing Education in the Health Professions', for outstanding Live CE Activity. This award recognizes an organization for innovation and excellence in the design, educational format, and instructional delivery of a live CE activity or educational initiative.

The American Pharmacists Association (APhA) developed The Pharmacist and Patient-Centered Diabetes Care Certificate Training Program, is an educational experience designed to equip pharmacists with the knowledge, skills, and confidence needed to provide effective, evidence-based diabetes care. The program provides comprehensive instruction in current diabetes concepts and standards of care and incorporates case studies and hands-on skills training focused on the situations most likely to be encountered—as well as the services most needed—in community and ambulatory care practice settings. Participants will gain experience evaluating and adjusting drug therapy regimens for patients with type 1 and type 2 diabetes, counseling patients about lifestyle interventions, analyzing and interpreting self-monitoring of blood glucose results, and assessing the overall health status of patients to identify needed monitoring and interventions.



INSTRUCTOR



Hyma Gogineni, MS, PharmD, TTS

Assistant Professor of Pharmacy Practice and Administration
Western University of Health Sciences
College of Pharmacy

COURSE GOALS AND LEARNING OBJECTIVES

The goal of The Pharmacist and Patient-Centered Diabetes Care is to teach the pharmacist how to integrate diabetes education and management into practice. This overriding goal incorporates the goal of pharmaceutical care, which is to ensure that patients make the best use of their medications and achieve the desired therapeutic outcomes.

Specific program goals are to:

- Provide comprehensive instruction on current standards of care for patients with diabetes.
- Increase pharmacists' ability to apply pharmacotherapeutic information and serve as the drug therapy expert on the diabetes health care team.
- Refresh pharmacists' knowledge of the pathophysiology of diabetes and the acute and long-term complications of the disease.

- Familiarize pharmacists with important concepts in nutrition, exercise, and weight control that contribute to optimal diabetes care.
- Provide training on the use of diabetes-related devices and physical assessments involved with optimal diabetes care.
- Describe business opportunities and roles for pharmacists in improving health outcomes for patients with diabetes.

This ACPE activity does not provide a certification in this topic but rather advanced professional training which upon successful completion the learner will be able to download a certificate of achievement.

SELF-STUDY LEARNING OBJECTIVES

Module 1. Pathogenesis and Diagnosis of Diabetes

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

- Explain important concepts in glucose homeostasis.
- Describe the pathophysiology and clinical manifestations of type 1 diabetes and type 2 diabetes.
- List diagnostic criteria and the treatment goals for patients with diabetes.
- Describe the implications of cardiorenal metabolic syndrome and obesity in patients with diabetes.

Module 2. Monitoring Glucose Levels

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

- Describe outcomes-based evidence related to glycemic control in patients with type 1 or type 2 diabetes.
- Explain strategies for managing hypoglycemia.

Module 3. Goals of Care and Approaches to Nonpharmacologic Management

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

- Discuss basic concepts of carbohydrate counting and meal planning for patients with diabetes.
- Identify best practices for lifestyle management in patients with diabetes.

Module 4. Pharmacotherapy of Diabetes

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

- Describe antidiabetic agents according to their primary mechanism of action, efficacy for various outcomes, principal adverse effects, and appropriate clinical use.
- Explain currently recommended pharmacologic approaches for managing type 1 and type 2 diabetes. Identify medications that impact cardiorenal outcomes.

Module 5. Managing Comorbidities

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

- Identify screening and treatment recommendations for comorbidities commonly associated with type 1 and type 2 diabetes, including autoimmune diseases, non-alcoholic fatty liver disease, nephropathy, retinopathy, and gastroparesis.

Module 6. The Pharmacist's Role in Diabetes Self-Management Education and Support

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

- Explain how pharmacists can obtain recognized diabetes care credentials.
- Describe the value of obtaining advanced diabetes care credentials.

SEMINAR LEARNING OBJECTIVES

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

- Apply key concepts of diabetes care, including selection of appropriate treatment approaches, to patient cases.
- Demonstrate effective communication strategies for educating patients with diabetes to manage their condition.
- Demonstrate how to perform a fingerstick for assessing blood glucose levels and inject medications with syringes or pens.
- Discuss the clinical value of CGM for patients living with diabetes
- Evaluate data from various blood glucose logs, including those generated by continuous glucose monitoring.

HOW TO REGISTER

To register and receive CE credit for this course you must visit <http://pharmacyce.westernu.edu>. If you have any problems with this process, please contact Renee Cook at rcook@westernu.edu.

- Log in or create an account
- Create a profile (if not already done)
- Click on the submit link at the bottom of profile page

- Click on “Click Here to Register for Upcoming Courses”
- Click on the course “APhA Pharmacist & Patient-Centered Diabetes Care Certificate Training program” to register
- Click on Continue Registration at the bottom of the page (if you have a discount code, enter it into the box below the cost of the course)

Once you are in WesternU system, you will only need to log in and sign up for future courses

- Watch for an email confirmation with instructions on how to access the homestudy materials once you pay the fees
- Access your home study materials and complete ALL required items BEFORE the online live training program
- Attend the online training program & receive instructions on accessing the final exam
- Complete/pass the final exam within one week of the live training program to receive your certificate

CE Coordinator Contact Information

Renee Cook, Director of Professional Development and Community Outreach

WesternU College of Pharmacy

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More WesternU College of Pharmacy Continuing Education Information

www.westernu.edu/pharmacy/outreach-events/continuing-education/