



Diabetes Disease State Management Program

(An ACPE Certificate Program for Pharmacists)

 COLLEGE OF PHARMACY
THE UNIVERSITY OF TEXAS AT AUSTIN
CONTINUING EDUCATION



PROGRAM GOAL

The UT Diabetes Disease State Management Program is designed to prepare pharmacists who are interested in incorporating into their practice a high level of pharmaceutical care and service for their diabetic patients.

WHO SHOULD REGISTER FOR THIS COURSE?

Pharmacists who want to gain specific skills such that they can incorporate into their practice a high level of care and service for their diabetic patients. The program is also excellent preparation for individuals planning to sit for the NABP examination in diabetes. This intensive program is not designed for individuals simply seeking to obtain their annual CE requirement.

PROGRAM DESIGN: WHAT YOU WILL LEARN

In an effort to bring everyone into the course with a working knowledge of diabetes mellitus, the program will begin with required intensive home study which is accompanied by a pre-test that must be successfully completed and returned at least one week prior to pharmacists attending the concentrated live two-day workshop portion of the program. The home study material will be an in-depth study of the disease state and treatment of diabetes, thus it will be mailed out to registered participants four weeks prior to the live program to give participants time to complete the home study materials.

ABOUT THE PROGRAM

Individuals are prepared for the live two-day program by completing extensive pre-readings, viewing taped lectures, and passing a pre-test.

The live portion of the program emphasizes hands-on workshops and case discussions conducted in small groups by clinical pharmacy faculty. The program provides hands-on, skill based learning such that pharmacists leave the program with:

- 1) the ability to provide basic physical assessment services (i.e., diabetic foot checks and blood pressure monitoring) which will allow you to assess diabetic patients;
- 2) a comprehensive knowledge of several popular blood glucose meters enabling you to recommend a meter to your customers as well as educate them on the correct technique involved with using the meter to monitor daily blood sugar; as well as
- 3) a practical understanding of proper insulin injection techniques, needle selection and insulin handling and storage so that you can counsel patients on these important issues. These activities are complimented with lectures and a "diabetic for a day" exercise.

Following the live portion of the program, participants will return to their practice setting and complete an exercise involving progress notes in a SOAP note format. This course, taught primarily by College of Pharmacy faculty, will provide a foundation of skills and knowledge of diabetes management. Participants must then have a desire to continue to develop their skills in the area of diabetes disease state management in order to be most effective in applying the information within their practice setting.

Past Participant Comments about the Course:

"Every pharmacist should be required to attend this course."

"This is the best CE program I have ever attended."

"I'm going to encourage my company to encourage all of us to attend this conference."

PROGRAM AGENDA

DAY 1

- 7:30 – 8:00 a.m.** Sign-In & Meet & Greet Breakfast
- 8:00 a.m. – 8:10 a.m.** Welcome and Overview of Program
- 8:10 a.m. – 8:50 a.m.** Introduction and Overview of DM
- 8:50 a.m. – 10:00 a.m.** Methods of Monitoring Glycemic Control
- 10:00 a.m. – 10:15 a.m.** BREAK
- 10:15 a.m. – 11:40 a.m.** Workshop 1: Meter Workshop
- 11:40 a.m. – 12:15 p.m.** LUNCH and Participant Introductions
- 12:15 p.m. – 12:55 p.m.** Insulin Administration
- 12:55 p.m. – 1:05 p.m.** BREAK
- 1:05 p.m. – 1:45 p.m.** Workshop 2: Preparing and Injecting an Insulin Dose
- 1:45 p.m. – 2:00 p.m.** BREAK
- 2:00 p.m. – 3:10 p.m.** Treatment of Diabetic Macrovascular Complications
- 3:10 p.m. – 3:15 p.m.** Orientation to Diabetic for a Day Exercise
- 3:15 p.m. – 4:30 p.m.** Workshop 3: Physical Assessment Skills
- 4:30 p.m.** Day 1 Concludes

Day 2

- 7:30 a.m. – 7:45 a.m.** “Diabetic for a Day” Exercise – **Please be prompt**
- 7:45 a.m. – 8:15 a.m.** Working Continental Breakfast – Q&A: Credentialing and Certifications
- 8:15 a.m. – 9:15 a.m.** Considerations for Treatment of Type 2 DM
- 9:15 a.m. – 9:25 a.m.** BREAK
- 9:25 a.m. – 10:15 a.m.** Insulin Review
- 10:15 a.m. – 11:10 a.m.** Insulin Practice Questions
- 11:10 a.m. – 11:20 a.m.** BREAK
- 11:20 a.m. – 12:15 p.m.** Medical Nutritional Therapy in the Diabetic Patient
- 12:15 p.m. – 12:30 p.m.** Pre-Lunch Blood Glucose Determination and “Insulin” Injection
- 12:30 p.m. – 1:00 p.m.** LUNCH and Dietary Exercise
- 1:00 p.m. – 1:50 p.m.** Managing Patients with Insulin Pumps
- 1:50 p.m. – 2:10 p.m.** Pump Demo
- 2:10 p.m. – 3:55 p.m.** Treatment of Type I and Type 2 DM Case Discussions
- 3:55 p.m. – 4:15 p.m.** Distribute Post Program Assignments and Evaluations
- 4:15 p.m.** Program Wrap-up and Conclusion

PROGRAM COMPETENCIES

Demonstrate knowledge of the therapeutic considerations for diabetic patients who are elderly, pregnant, traveling or are experiencing a sick day.

Demonstrate appropriate patient counseling for patients with either type 1 or type 2 diabetes, including appropriate drug therapy, physical assessment, and glycemic control.

Demonstrate an understanding of the pathophysiology, diagnosis, and precluding conditions of diabetes mellitus as well as an appropriate approach to the treatment of the diabetic patient.

Demonstrate proficiency in the selection and use of various blood glucose meters based upon individual patient characteristics and needs.

Demonstrate the ability to educate diabetics on proper insulin preparation and storage, needle and syringe selection, and injection techniques.

Demonstrate the ability to perform diabetic foot checks including proper use of a monofilament.

Demonstrate the ability to accurately measure and record blood pressure readings in the adult patient.

Demonstrate knowledge of diabetic supplies and resources readily available to patients to assist in managing their disease state.

Demonstrate knowledge in the selection of an appropriate therapeutic agent based upon patient physical characteristics and history.

Demonstrate knowledge of patient preventative measures to promote better control through exercise, diet, personal habits, and routine eye, feet and dental checks.

Demonstrate appropriate communications skills with diabetic patients in their respective practices in order to complete a practice site based soap note.

PROGRAM COSTS

Course Cost: \$610

A full refund of the course cost will be made to participants canceling six weeks prior to the course date. Individuals canceling within six weeks of scheduled program will receive a refund in the amount of \$400 unless a replacement can be found.

Registration Includes:

- 26 contact hours
- 2 breakfasts and 2 lunches
- Blood glucose meter
- All program materials

PROGRAM DATES

See registration form.

CONTINUING EDUCATION CREDIT



The University of Texas College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The program is accredited for 2.6 (26 contact hours) of continuing education credit which will be awarded upon successful completion of the program. Successful completion is defined as a passing grade on the pre-test, post-test, and practical exercises, as well as attendance at all sessions of the program. CE statements will be mailed to participants 4-6 weeks following passing of the post test.

Universal Program Number: 067-000-08-034-C04

Certificate Program Number: 067-2008

Release date: 06/24/08 • Expiration date: 06/24/10

REGISTRATION

Please print a registration form from our website or call us to request a faxed copy.

The University of Texas College of Pharmacy
1 University Station A1904
Austin, TX 78712-0123

Phone: (512) 471-4512

Fax: (512) 475-9739

<http://www.utexas.edu/pharmacy/ce>

PROGRAM FACULTY

PHILIP AINSLIE, PHARM.D.

Clinical Pharmacist

Darnall Army Medical Center

DEBRA LOPEZ, PHARM.D., C.D.E.

Clinical Assistant Professor

Pharmacy Practice

The University of Texas at Austin

DANNIELLE O'DONNELL, PHARM.D., B.C.P.S.

Assistant Professor

Pharmacy Practice

The University of Texas at Austin

SUSAN FOGELMAN, M.S., R.D., C.D.E.

Clinical Dietician

Scott and White Hospital

Temple, Texas

Other selected University of Texas College of Pharmacy clinical faculty, residents, and practitioners will also serve as workshop leaders and facilitators throughout the live portion of the program.

Program Coordinator:

JENNIFER BOSWORTH, PHARM.D.

Coordinator

Pharmacy Continuing Education

The University of Texas at Austin

CONFERENCE SUPPORT

The program is supported by educational grants from Amylin-Lilly, Merck & Co., Novo Nordisk, Pfizer, Sanofi-Aventis, and Takeda Pharmaceuticals. Glucose monitoring systems and other diabetic supplies are donated for demonstration purposes by Roche Diagnostics, Abbott Diabetes Care, NovoNordisk and Bayer HealthCare.

PRIVACY NOTICE

The Texas Public Information Act, with a few exceptions, gives you the right to be informed about the information that The University of Texas at Austin collects about you. It also gives you the right to request a copy of that information; and to have the university correct any of that information that is wrong. You may request to receive and review any of that information, or request corrections to it, by contacting the University's Public Information Officer, Office of Financial Affairs, PO Box 8179, Austin, TX 78713 (email: cfo@mail.utexas.edu).

SPECIAL ASSISTANCE

It is the policy of The University of Texas to comply with the Americans with Disabilities Act. If special arrangements are necessary for an individual with a disability to attend this program, please contact Vicki Westlund at (512) 471-6213.

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