

National Association of Chain Drug Stores
Community Pharmacy-Based
Point-of-Care Testing Certificate Training Program

Saturday | November 14, 2015
8:00am to 5:15pm

This course provides community pharmacists and members of academia, industry and government with the skills necessary to develop and implement a collaborative testing program for influenza, Group A streptococcus, HIV and hepatitis C.

The course's 20 hours of continuing education (12 hours of home study and 8 hours of live training) will cover information on the targeted disease state, the physical assessment of a patient presenting to a community pharmacist, point-of-care tests and how to establish a point-of-care testing service. Home study must be completed by 4:00pm on November 12, 2015.

Live Training Course Agenda | November 14, 2015

7:30-8 a.m. – Check in and breakfast (provided)

8-8:30 a.m. - Introduction and Use of Point-of-Care (POC) Tests by Pharmacists

- Identify opportunities for pharmacists to expand their practice in the community setting through the utilization of POC tests.
- Summarize the prevalence and impact of various infectious diseases, including diabetes, dyslipidemias, influenza, Group A streptococcus, HIV and hepatitis C in the United States.

8:30-9:45 a.m. - Physical Assessment

- Discuss the value and limitations of various physical assessment procedures, including temperature, pulse, blood pressure, respiratory rate, pulse oximetry and physical inspection.
- Describe the procedures for conducting a systematic physical assessment and identify normal and critical findings.
- Interpret physical assessment data and recognize limitations of the data.

9:45-10 a.m. - Break

10-10:30 a.m. - Physical Assessment Competency

- Demonstrate the ability to appropriately collect a patient's temperature, pulse, blood pressure, respiratory rate and pulse oximetry.

10:30-11:15 a.m. - Disease State Presentation and Patient Cases

- Differentiate influenza, Group A streptococcus, HIV and hepatitis C from other disease states with similar presentations.
- Discuss the complications associated with influenza, Group A streptococcus, HIV and hepatitis C.
- Given a patient case, identify patients that may qualify for pharmacy-based POC testing by a pharmacist versus those that require immediate referral to a physician/provider.

11:15 a.m.-12:15 p.m. - Specimen Collection

- Describe the process for collecting patient specimens, including throat swab, nasal swab, oral fluid and whole blood.

- Demonstrate the ability to correctly collect patient specimens, including throat swab, nasal swab, oral fluid and whole blood.

12:15-1 p.m. - Lunch (included)

1-2 p.m. - Pharmacy Law and Risk Management

- Define Clinical Laboratory Improvement Amendments (CLIA).
- Explain CLIA-waiver and the process for becoming a CLIA-waived site.
- Recognize the procedures necessary for legal processing of CLIA-waived tests.
- List at least three risk management techniques to manage liability when conducting CLIA-waived tests.
- Search statutes and regulations to determine his/her state's requirements for pharmacist involvement in CLIA-waived testing.

2-3 p.m. - Developing and Implementing a POC Testing Service

- Discuss specific strategies for designing and implementing a successful pharmacy-based POC testing program.
- Explain how to bill for POC testing using the appropriate Current Procedural Terminology (CPT) codes.
- Document services in a manner appropriate for evaluating patient progress, sufficient for billing purposes, and that facilitates tracking clinical and financial outcomes.

3-3:15 p.m. - Break

3:15-4:15 p.m. - Test Utilization and Interpretation

- Given the performance characteristics of a test (e.g., sensitivity, specificity, percent agreement, etc.), determine the reliability of the test in a community pharmacy setting.
- Identify ways for community pharmacists to maximize the reliability of a given diagnostic test.
- Discuss some limitations to utilizing POC tests in the community pharmacy setting.
- Recognize common missteps in POC test processing and interpretation that could lead to incorrect results.
- List the steps a pharmacy can take to ensure compliance with Good Laboratory Practice (GLP) standards.

4:15-5:15 p.m. - POC Cases and Proficiency Assessment

- Identify clinically unstable patients who should be immediately referred to the appropriate source of care.
- Provided a patient scenario, make recommendations for the use of POC tests.
- Collaboratively develop a patient care plan based on medical history, physical assessment data and results of POC tests.

5:15 p.m. – Adjourn

Certificate Course Home-Study Module (12 hours)

Introduction

- Recognize the need for pharmacist intervention in the community setting to improve patient access to medical care through the use of point-of-care tests.
- Summarize testing recommendations for influenza, Group A streptococcus, HIV and hepatitis C.

Target Disease States

- Describe the transmission and pathogenesis of influenza, Group A streptococcus, HIV and hepatitis C.
- Identify patients at high-risk for acquiring and experiencing complications related to influenza, Group A streptococcus, HIV and hepatitis C.
- Summarize the time course of influenza, Group A streptococcus, HIV and hepatitis C infections.
- Discuss the management options for a patient with influenza, Group A streptococcus, HIV and hepatitis C infection.
- List important counseling points for prescription medications used to treat influenza, Group A streptococcus, HIV and hepatitis C infections.

Physical Assessment

- List common signs and symptoms of influenza, Group A streptococcus, HIV and hepatitis C infections.
- Describe the steps involved with the physical assessment of a patient presenting to a community pharmacy with an ongoing infectious disease.

POC Tests

- Recognize how POC tests differ from the historical "gold standards" for diagnostic testing.
- Define the terms sensitivity, specificity, positive predictive value and negative predictive value.
- Describe how POC tests may be utilized in the community pharmacy setting as part of innovative practice models.
- Explain what it means for a diagnostic test to be CLIA-waived and what is required in order to use CLIA-waived POC tests in the community pharmacy setting.

POC Tests in Practice

- Outline the process and key considerations of making a pharmacy-based infectious diseases management program operational and integrated with existing services.
- Explain the legal, regulatory and liability issues involved in offering a pharmacy-based infectious diseases management program.
- Discuss important considerations in documenting, marketing and obtaining compensation for a pharmacy-based infectious diseases management program.
- Identify measures to track the economic, clinical and humanistic outcomes for a pharmacy-based infectious diseases management program.

Home Study Competency Assessment

- Online multiple-choice assessment. Requires 70% or higher pass rate.

CE Approval

National Association of Chain Drug Stores ([NACDS](#)) is an ACPE accredited provider. The course's 20 hours of continuing education (12 hours of home study and 8 hours of live training) will cover information on the targeted disease state, the physical assessment of a patient presenting to a community pharmacist, point-of-care tests and how to establish a point-of-care testing service. Participants must complete all coursework, pass the self-study assessment at 70% or higher and demonstrate proficiency in testing techniques to obtain credit. Partial credit will not be awarded.

Additional Information

Facility is ADA Accessible. Space is limited. Registrants are accepted first come first serve.

Cancellation

Pacific University reserves the right to cancel the program due to an inadequate number of registrations.

Refunds

Refunds are granted less \$25 administration fee up to and including October 23. Beginning October 24, no refunds will be granted.

Faculty

The following faculty members have successfully completed the Train-the-Trainer Program and are certified by NACDS to teach this course.

[Mark Della Paolera](#) | [Jeff Fortner](#) | Irene Crowell

Hands-On Practice

Participants are expected to practice collecting vital signs and patient specimens from and with each other. Adequate time is devoted to hands-on practice. Demonstrated proficiency is required to become certified.

Home Study

Registered participants will receive a link to self-study materials two weeks in advance of the course. Self-study must be completed prior to 4:00pm November 12.

Registration

Pay by Credit Card go to: [ONLINE REGISTRATION](#)

To pay by check:

- Complete registration form
- Mail check and completed registration to:

Pacific University
College of Health Professions
Continuing Education
222 SE 8th Ave, #570
Hillsboro, OR 97123

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| Registration fee | |
| Alumni | \$425.00 |
| Preceptor | \$450.00 |
| Unaffiliated | \$500.00 |

Full Name _____

School + Year _____

Preceptor Site _____

E-mail _____

Telephone _____

Address _____

City/ST/Zip _____

ST and License # _____

Meal Restriction _____

Special Accommodation _____