

CE Activity Announcement

Medication Safety Certificate Program: Investigation and Analysis of Medication Errors

ACPE Activity Number(s): 0204-9999-17-735-H05-P / 0204-9999-17-735-H05-T

Release Date: May 18, 2017

Expiration Date: May 18, 2020

Activity Type: Application-based

Activity Fee: The full certificate program \$395.00/495.00 member/non-member. Individual modules are not available for purchase.

Accreditation for Pharmacists and Pharmacy Technicians



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

This activity is jointly provided with the Institute for Safe Medication Practices.

Accreditation for Physicians



This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Society of Health-System Pharmacists and the Institute for Safe Medication Practices. The American Society of Health-System Pharmacists is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Health-System Pharmacists designates this enduring material for a maximum of *4.0 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Accreditation for Nurses

Educational Review Systems is an approved provider of continuing nursing education by the Alabama State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation (provider # 5-115).

Educational Review Systems is also approved for nursing continuing education by the state of California, the state of Florida, and the District of Columbia.

Certified Professionals in Patient Safety (CPPS)

This activity meets the criteria of the Certification Board for Professionals in Patient Safety for up to 51.0 CPPS CE hours.

Target Audience

This program is intended for pharmacists, physicians, nurses, pharmacy technicians, and other healthcare professionals responsible for improving the safety of medication use in their respective practice settings.

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Description

CE Information	Title, Description and Learning Objectives
<p>ACPE #: 0204-9999-17-735-H05-P 0204-9999-17-735-H05-T</p> <p>CE Hours: 4.0</p> <p>Activity Type: Application-based</p> <p>The American Society of Health-System Pharmacists designates this enduring material for a maximum of <i>4.0 AMA PRA Category 1 Credits™</i>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.</p>	<p>Title: Investigation and Analysis of Medication Errors</p> <p>Faculty:</p> <ul style="list-style-type: none"> • E. Robert Feroli, Jr., Pharm.D., FASHP, FSMSO, Medication Safety Officer, Johns Hopkins Hospital • Natasha Nicol, Pharm.D., FASHP, Director of Global Patient Safety Affairs, Cardinal Health <p>This activity covers the many aspects of a systems approach to medication error investigation and analysis resulting in useful and meaningful data that can be used to implement lasting change.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • Distinguish how “systems thinking” will help avoid an inappropriately superficial analysis of a medication error. • Discuss why making “system changes” at process steps other than where the error manifested is often the most effective approach to address the error. • Define a medication error. • Contrast the difference between an Error and an Adverse Drug Event. • Restate the difference between an Adverse Drug Event and an Adverse Drug Reaction. • List at least seven major steps of the medication use process that should be considered when investigating a medication error. • Express five potential contributing factors of an error as defined in the Systems Engineering Initiative for Patient Safety (SEIPS) model. • Identify the major steps of a Root Cause Analysis (RCA). • Recognize the differences between RCA and Failure Mode and Effects Analysis (FMEA) methodologies. • Recognize why it is important to not compare “rates” of error or harm between facilities. • Discuss why institutional self-assessments may be used for proactive risk assessment. • Interpret the NCC MERP error severity categories for meaningful data review. • Explain why limiting the number of error categories simplifies data analysis in a useful and meaningful way. • Identify a method to summarize and report medication safety efforts by presenting implemented system fixes. • Explain effective ways to spread the lessons learned through event investigation and analysis to achieve lasting change.

Methods and CE Requirements

This internet enduring material activity consists of a combined total of 16 learning modules. Pharmacists, pharmacy technicians, and nurses are eligible to receive a total of 51.0 hours of continuing education credit by

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completing all 16 modules within this certificate program. Physicians are eligible to be awarded up to *51.0 AMA PRA Category 1 CreditsTM* by completing all 16 modules within this certificate program.

All participants must complete each activity and evaluation, as well as score 70% or higher on the assessment test to earn continuing education credit. Follow the prompts online at the ASHP eLearning portal (<http://elearning.ashp.org>) to claim or be awarded credit within 60 days of completing the activity.

Pharmacists and Pharmacy Technicians only: Your credits will be reported directly to CPE Monitor. To verify that you have completed the required steps and to ensure your credits hours have been reported to CPE Monitor, we encourage you to check your NABP eProfile account to validate your credits were transferred successfully before the ACPE 60-day deadline. After the 60 day deadline, ASHP will no longer be able to award credit.

System Technical Requirements

Courses and learning activities are delivered via your Web browser and Acrobat PDF. Users should have a basic comfort level using a computer and navigating websites. View the [minimum technical and system requirements](#) for learning activities.

Faculty Information

E. Robert Feroli, Jr., Pharm.D., FASHP, FSMSO

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Disclosures

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support and the Accreditation Council for Pharmacy Education's Standards for Commercial Support, ASHP requires that all individuals involved in the development of activity content disclose their financial relationships. A person has a relevant financial relationship if the individual or his/her spouse/partner has a financial relationship (e.g. employee, consultant, research grant recipient, speakers bureau, or stockholder) in any amount occurring in the last 12 months with an ACCME-defined commercial interest* whose products or services may be discussed in the educational activity content over which the individual has control.

*ACCME-defined commercial interest: Any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests.

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In this activity, no persons associated with this activity have disclosed any relevant financial relationships with an ACCME-defined commercial interest.

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- Natasha C. Nicol, Pharm.D., FASHP