

**CE CREDIT  
OPPORTUNITY:  
ON-DEMAND WEBINAR**

# Making Smart Pumps More Intelligent Using Technology Integration and Pooled Data Analysis

This CE activity is available as an On-Demand Webinar at [www.ProCE.com/SmartPumps](http://www.ProCE.com/SmartPumps)

## Activity Description

Smart infusion pumps have several safety limitations—most significantly, they often operate in isolation, unable to interact with other technologies available in healthcare organizations. This activity will explore the challenges and opportunities involved in linking smart pumps with the EHR, CPOE, and barcode medication administration. One of the first hospitals to fully integrate smart pumps will provide insights and strategies for success. A unique online, evidence-based community forum that allows members to pool and interactively analyze infusion pump data in a protected environment also will be discussed.

## Learning Objectives

The target audience for this activity includes pharmacists. At the completion of this activity, the participant should be able to:

- List three types of intravenous infusion administration errors that continue to occur despite the use of smart infusion pumps.
- Describe the components and benefits of integrated infusion management in terms of patient safety, workflow efficiency, and institutional cost savings.
- Discuss the challenges that hospitals may face after smart infusion pump integration with the electronic health record and barcode medication administration.
- Describe how pooled smart pump data can be analyzed to evaluate practice patterns, improve smart pump utilization, and contribute to a patient centered culture of safety.

## Topics and Faculty

### Introduction and Overview

Michael R. Cohen, RPh, MS, ScD (hon), DPS (hon), FASHP, President, ISMP

### Smart Infusion Pumps: Challenges and Limitations That Result in Errors

Christina Michalek, RPh, BS, FASHP, Medication Safety Specialist, ISMP

### Smart Pump Integration: Meeting the Challenges and Maximizing the Opportunities

Tina M. Suess, RN, MHA, CPHIMS, Manager of Medication Safety Integration, Lancaster General Health, Lancaster, PA

### Infusion Pump Informatics (IPI): An Online Community for Pooled Smart Pump Data Analysis and Learning

Ann Christine Catlin, Senior Research Scientist, Rosen Center for Advanced Computing, Purdue University, West Lafayette, IN

## Accreditation

This CE activity is jointly provided by ProCE, Inc. and the Institute for Safe Medication Practices (ISMP). ProCE is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE Universal Activity Number 0221-9999-16-020-H05-P has been assigned to this knowledge-based, home-study activity. This CE activity is approved for 1.5 contact hours (0.15 CEU) in states that recognize ACPE providers, and is provided at no cost to participants. Completion of an evaluation and post-test with a score of 70% or higher is required to receive CE credit. CE credit will be uploaded to NABP/CPE Monitor. No partial credit will be given.



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**Expiration Date:** February 8, 2018



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**For registration questions, contact ProCE at 1-800-748-7795.**

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