

## CE Activity Announcement

### Getting Started in Sterile Product Preparation for Pharmacists

**Release Date:** April 24, 2019

**Expiration Date:** April 24, 2022

**Activity Type:** Application-based

### Accreditation for Pharmacists



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

### Target Audience

This program is intended for pharmacists managing and developing cleanroom personnel and/or compliant compounding facilities.

### Learning Objectives and Schedule of Activities

Activity CE Information	Title, Description, Faculty, and Learning Objectives
<p><b>ACPE #</b> 0204-0000-19-744-H07-P</p> <p><b>CE Hours:</b> 1.5 <b>Activity Type:</b> Application</p>	<p><b>Title: Getting Started in Sterile Product Preparation for Pharmacists</b></p> <p>This activity describes dosage forms, small and large volume parenterals, routes of administration, parenteral nutrition, high alert medications, and general considerations for automated compounding devices.</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Describe the dosage forms, preparation requirements, and routes of administration.</li> <li>• Differentiate between small and large volume parenterals.</li> <li>• Recognize appropriate routes of administration for compounded sterile preparations.</li> <li>• Explain the components and role of parenteral nutrition.</li> <li>• Evaluate parenteral nutrition orders and processes.</li> <li>• Propose strategies to mitigate risk of high alert medications.</li> <li>• Assess automated compounding devices for safety, interoperability, and overall functionality.</li> </ul>

### Faculty Information

**Ashley M. Duty, Pharm.D., M.S.**

Clinical Pharmacy Operations Manager

Children's Mercy

Kansas City, Missouri

### Disclosures

In accordance with the ACPE's and ACCME's Standards for Commercial Support, anyone in a position to control the content of an educational activity is required to disclose to the accredited provider their relevant financial relationships. In accordance with these Standards, all potential conflicts of interests have been resolved. *An individual has a **relevant financial relationship** if he or she (or spouse/domestic partner) has a financial relationship*

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*in any amount occurring in the last 12 months with a commercial interest whose products or services are discussed in the activity content over which the individual has control.*

As defined by ACCME, a **commercial interest** is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The Standards for Commercial Support do not consider providers of clinical service directly to patients to be commercial interests.

- All planners, presenters, reviewers, and ASHP staff report no financial relationships relevant to this activity.

### Methods and CE Requirements

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This online activity consists of a combined total of 16 learning modules. Pharmacists are eligible to receive a total of 38.00 hours of continuing education credit by completing all 16 modules within this certificate program.

Participants must participate in the entire activity, complete the evaluation and all required components to claim continuing pharmacy education credit online at ASHP eLearning Portal. Follow the prompts to claim credit and view your statement of credit within 60 days after completing the activity.

#### **Important Note – ACPE 60 Day Deadline:**

Per ACPE requirements, CPE credit must be claimed within 60 days of being earned – no exceptions! To verify that you have completed the required steps and to ensure your credits 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 for this activity.

### System Technical Requirements

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System 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 web sites.

View the [minimum technical and system requirements](#) for learning activities.