

Materials for this course will release 11/16/2022

Compounded Sterile Preparations Specialty Selected Readings: Evaluation of density variations, Volumetric vs. gravimetric methods, and Safe Use of Parenteral Nutrition Automated Compounding Devices (Cert # L229270)

Teaser: The Compounded Sterile Preparations Specialty Selected Readings consists of a review of pertinent topics, focusing on Evaluation of density variations, Volumetric vs. gravimetric methods, and Safe Use of Parenteral Nutrition Automated Compounding Devices.

Tag: Certifications; Compounded Sterile Preparations



ACPE Number: 0204-0000-22-646-L07-P

Pre-Sale Date: 10/26/2022

Content Release Date: 11/16/2022 Expiration Date: 11/14/2023 Activity Type: Application-based

CE Credits: 3 contact hours (BPS and ACPE)

Activity Fee: \$100 (ASHP member); \$150 (non-member)

Activity Overview

The purpose of this activity is to offer participants recertification credits for the Board of Pharmacy Specialty (BPS) certification for compounded sterile preparations practitioners (BCSCP) by providing a review of pertinent topics.

This module focuses on Evaluation of density variations, Volumetric vs. gravimetric methods, and Safe Use of Parenteral Nutrition Automated Compounding Devices.

This activity is approved for 3.0 contact hours of continuing pharmacy education credit. Successful completion of the learning module will provide 3.0 contact hours of continuing pharmacy education credit.

Accreditation for Pharmacists



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

Target Audience

This activity is intended for Board Certified Compounded Sterile Preparations Pharmacy Specialists in need of recertification credit.



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Recertification Credit

Board certified pharmacists are eligible to receive up to 3 contact hours of recertification credit for completing this course. To earn recertification credit, learners must review the course content and successfully complete the online assessments by the deadline. Only completed assessments will be eligible for credit; no partial or incomplete assessments will be processed. You are allowed only one attempt to successfully complete this assessment.

This course is not intended for those preparing to take the BPS Compounded Sterile Preparations Pharmacy Specialty Examination for Certification.

This activity is part of the ASHP professional development program for BCSCP recertification approved by the BPS.

Learning Activity	ACPE Number	Contact Hours	Assessment Pass Point
Compounded Sterile Preparations Specialty Selected Readings: Evaluation of density variations, Volumetric vs. gravimetric methods, and Safe Use of Parenteral Nutrition Automated Compounding Devices	0204-0000-22-646-L07-P	3.0	80%
		3.0 BPS	

Articles

- 1. Amerine LB, Pasour T, Johnson SJ, Higgins JP, Pyle J, Gehring C. Evaluation of density variations to determine impact on sterile compounding. *Am J Health Syst Pharm*. 2022; 79:689-95. doi: 10.1093/ajhp/zxab440. PMID: 34940808.
- 2. Iredell B, Mourad H, Nickman NA et al. ASHP guidelines on the safe use of automated compounding devices for the preparation of parenteral nutrition admixtures. *Am J Health-Syst Pharm*. 2022; 79:730-5.
- 3. Moss A, Kang S, Morbitzer KA et al. Evaluation of chemotherapy preparation processes: volumetric method reliability and gravimetric method utility within 5 US hospitals. *Am J Health-Syst Pharm*. 2022; 79: 230-8.

Learning Objectives

After participating in this CPE activity, learners should be able to:

- Apply the gravimetric method of analysis for verifying compounded sterile preparations (CSPs).
- Analyze the advantages and limitations of implementing gravimetric verification of compounded sterile preparations (CSPs) into standard workflow.
- Summarize the new (2022) ASHP guidelines on the safe use of automated compounding devices (ACDs) for preparing parenteral nutrition (PN) admixtures.



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Faculty

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Disclosures

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Methods and CE Requirements

This activity consists of articles, recertification assessment, an attestation statement, and an activity evaluation. Learners must review all content and complete the attestation statement and evaluation to receive continuing pharmacy education credit for the activity.

Follow the prompts to claim, view, or print the statement of credit within 60 days after completing the activity.

System Technical Requirements

Courses and learning activities are delivered via your Web browser and Acrobat PDF. For all activities, you should have a basic comfort level using a computer and navigating web sites.

View the minimum technical and system requirements for learning activities.

Development

These activities were developed by ASHP.