Hazardous Drug Overview and Review of USP Chapter <800> (1.25 CE hours)
- Cite examples of the effects of exposure to HDs on healthcare staff that handle HDs described in the literature.
- Describe the location of resources regarding HD practice.
- Recite the major best practice, guidelines, standards and regulatory events related to HD compounding.
- Describe the major elements of USP 800.
- Differentiate the standards that are proposed in USP 800 from those in USP 797 and 795.
- Restate the harmonization that is predicted to occur between relevant USP Chapters.

Primary and Secondary Engineering Control Requirements and Certification for HD Compounding Environments (1.5 CE hours)
- Describe the types compliant of HD primary and secondary engineering controls for nonsterile and sterile HD compounding.
- Discuss considerations relevant to the use of pass-throughs in HD applications.
- Analyze the allowable but suboptimal designs of HD secondary engineering controls.
- List strategies to compensate for suboptimal designs.
- Describe the tests required for certification of primary and secondary engineering controls.

Strategies for Performing an Assessment of Risk (0.75 CE Hours)
- List which drugs may and may not be exempted from full containment and work practices of USP <800>.
- Define the components in an Assessment of Risk.
- Evaluate different approaches to the creation and maintenance of an Assessment of Risk.

Use of PPE with Hazardous Drug Handling (1 CE hour)
- List the steps to perform donning and doffing of HD PPE correctly.
- Differentiate between USP 800 requirements and CriticalPoint best practice recommendations.
- Evaluate donning and doffing practice at your facility.
- Modify practices at your facility based on best practice garbing to reduce HD contamination.

Work Practice Strategies for Receiving, Compounding and Transporting HDs (1 CE hour)
- List the practice elements essential to reduction of HD contamination generation and risk from accepting new inventory through storage, material handling, compounding, labeling, and transport to patients.
- Differentiate between USP 800 requirements and CriticalPoint best practice recommendations.
- Implement effective decontamination of the final CSPs.
- Evaluate safe transport procedures for HD inventory and final CSPs.

Environmental and Medical Surveillance Considerations (0.5 hours CE)
- Describe the recommended environmental and medical surveillance best practices.
- Formulate a plan for initial and ongoing environmental HD surveillance for your organization.
- Evaluate the medical surveillance considerations presented.
- Analyze which elements of medical surveillance can be implemented at your organization.
Lab: Best Practice Doffing of Hazardous Drug Garb (0.75 hours CE)
- Correctly perform best practice doffing of HD PPE.
- Evaluate participants doffing practice using fluorescent tracer mist and dust.
- Evaluate doffing practice at your facility.
- Modify practices at your facility based on best practice doffing to reduce HD contamination.

Lab: Negative Pressure Compounding versus Use of CSTDs (0.75 hours CE)
- Perform simple draw using simulated “red drug” using positive, negative and CSTD strategies.
- Contrast the difficulty of each of the compounding strategies.
- Evaluate the time necessary to correctly perform negative pressure compounding against the performance of potential supplemental ECs at your location.
- Modify negative pressure compounding practices at your location if required.
- Observe HD administration with a model CSTD as required by USP <800>.

Decontamination, Cleaning, and Disinfection of HD Compounding Environments (0.75 hours CE)
- Define and differentiate the terms deactivation, decontamination, cleaning and disinfection.
- Identify agents which may be used for decontamination of hazardous drugs.
- Properly sequence and perform decontamination, cleaning and disinfection in HD environments.
- Evaluate your facility’s current practices for decontamination, cleaning and disinfection.
- Modify your facilities procedures regarding decontamination of HD compounding environments.

Response to HD Exposure and Spills (0.75 hours CE)
- List the required elements of an exposure control and response plan and evaluate your organization’s plan for compliance.
- Discuss the requirements for HD Spill clean-up.
- Describe the logistical and practical hurdles that can be encountered in implementing an effective spill management program.
- List potential strategies for effective Spill Management.

Lab: HD Receiving and Materials Management (0.5 hours CE)
- List the steps to be taken if HD drugs are taken into inventory in the traditional way (unwrapped outside of the C-SEC).
- Identify the PPE that must be made available to receiving personnel who unpack the HD medications outside the C-SEC.
- List the steps and identify why the new preferred method of accepting inventory is to do so inside the C-SEC.

Lab: Cleaning HD Compounding Environments (0.5 hours CE)
- Visualize the steps involved in decontamination, cleaning and disinfection of C-PECs using a best practice approach.
- Identify and ask specific questions that relate to your facility’s cleaning program.

Total CE: 10 live hours