

# PTU ELITE: CSPT™ TRAINING PROGRAM CURRICULUM

## INTRODUCTION

- \* Introduction & Orientation
- \* CSPT™ Training Questionnaire

## PARENTERAL FORMS OVERVIEW

- \* Parenteral Dosage Forms
- \* Ratios
- \* Proportions

## DOSAGE CALCULATIONS

- \* Weight-Based Dosages
- \* Dosage Calculations: Parenterals
- \* Dosage Calculations: Milliequivalents and Units

## COMPOUNDING CALCULATIONS I

- \* Compounding Calculations
- \* Percentage Calculations
- \* Drug Concentration Calculations
- \* Dilution Calculations

## COMPOUNDING CALCULATIONS II

- \* Infusion Calculations
- \* Alligation Calculations

## PHARMACOLOGY REFERENCES

- \* CSPT™ Medications List
- \* Pharmacology Key Points Reference
- \* Injectable Anticoagulants
- \* Dispensing Insulin and Other Injectable Medications

## MEDICATION SAFETY

- \* Safety Data Sheets

## INSTITUTIONAL PHARMACY PRACTICE

- \* Hospital: Medication Preparation
- \* Hospital: Medication Delivery
- \* Medication Disposal in the Hospital
- \* Dispensing Medications for Surgeries
- \* Medication Delivery in the Hospital
- \* Using Barcodes
- \* Hospital: Patient Safety Practices

## REVIEW

- \* CSPT™ Practice Exam

## STERILE COMPOUNDING I

- \* Sterile Compounding
- \* Sterile Compounding: Personal Protective Equipment
- \* Sterile Compounding: Aseptic Handwashing
- \* Simulation: Aseptic Hand Washing
- \* Sterile Compounding: The Laminar Flow Hood
- \* Laminar Flow Hood Simulation

## STERILE COMPOUNDING II

- \* Sterile Compounding: Syringes and Needles
- \* Sterile Compounding: Supplies and Equipment
- \* Preparation of Sterile Compounds
- \* Using Aseptic Technique for Sterile Compounding
- \* Quality Standards and Requirements
- \* Maintaining Environmental Processes for Sterile Compounding
- \* Simulation: IV Fluid Preparation
- \* Simulation: IV Piggyback
- \* Simulation: IV Push
- \* Simulation: Manipulate Ampules
- \* Simulation: Reconstitute Lyophilized Powder
- \* Simulation: Parenteral Nutrition

## STERILE COMPOUNDING SUPPLEMENTAL RESOURCES

- \* ASHP's Guidelines for Compounding Sterile Preparations
- \* ISMP's Guidelines for Safe Preparation of Compounded Sterile Preparations

## CHEMOTHERAPY COMPOUNDING

- \* Chemotherapy Overview
- \* Chemotherapy Prep
- \* Simulation: Chemotherapy Agent Preparation

## HAZARDOUS MEDICATION HANDLING

- \* ASHP's Guidelines on Handling Hazardous Drugs
- \* NIOSH List of Antineoplastic and Other Hazardous Drugs

## DRUG INFORMATION RESOURCES

- \* Package Inserts Part I
- \* Package Inserts Part II
- \* Drug Information Resources

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