

CSPT[®] EXAM PREPARATION 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 Inectable 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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