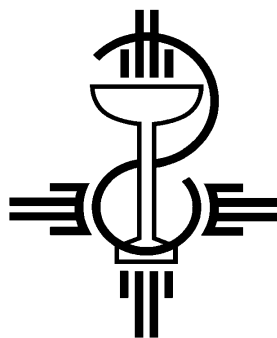


Sterile Products Training for New Mexico Pharmacy

*A 20-Hour ACPE Program
Consisting of a Self-Instructional
Training Manual and a Separate
Hands-On Process Validation
Session*



ACPE # 176-999-01-003-C04

What is Covered

- **Aseptic Technique**
- **Critical Area Contamination Factors**
- **Environmental Monitoring**
- **Facilities**
- **Equipment and Supplies**
- **Sterile Pharmaceutical Calculations and Terminology**
- **Sterile Pharmaceutical Compounding Documentation**
- **Quality Assurance Procedures**
- **Proper Gowning and Gloving Technique**
- **Handling of Cytotoxic and Hazardous Drugs**
- **General Conduct in the Controlled Area**

Program Faculty

◆ **Daniel E. Garcia, Pharm. D., R.Ph.**

*Clinical Coordinator-San Jacinto Methodist Hospital,
Baytown, TX*

*Instructor- Pharmacy Technician Program, Houston
Community College*

*Former Compliance Officer-Texas State Board of
Pharmacy*

◆ **Liz Johnson Wilroy, B.S., C.Ph.T**

*Dept. Chair-Pharmacy Technician Program, Houston
Community College*

*Guest Surveyor - Pharmacy Technician Program, ASHP
Accreditation Services Division*

*Instructor - "Instructors Course: Aseptic Technique for
Pharmacy Technicians", University of Houston Pharmacy
School*

*"Sterile Products Training for New Mexico Pharmacy" is
written and published by Pharmacy Education Resources,
Inc. with the advice of The New Mexico Society of Health-
System Pharmacists. The authors have also written
ACPE sterile products training manuals for Texas.*

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any manner.*

Goals & Objectives:

The Participant will be able to do the following:

- * Identify and differentiate common pharmacy terminology, abbreviations, and chemical symbols/compounds.
- * Solve equations utilizing fractions, decimals, and roman numerals.
- * Perform conversions between metric, apothecary, avoirdupois, household, Celsius, and Fahrenheit systems.
- * Solve ratio, proportion, percentage and percent strength calculations. (i.e., w/w, v/v, w/v)
- * Calculate percentage strength using the alligation medial formula.
- * Calculate various pediatric dosages and assorted intravenous dosages.
- * Identify and describe the infection cycle, modes of transmission, bacterial survival statistics and isolation procedures to prevent the spread of infection.
- * Identify characteristics of intravenous solutions, types of particulate matter, methods of sterilization and related precautions.
- * Identify the various types of autoclaves, maintenance, and precautions related to their use.
- * Identify a pharmacy controlled environment, facilities, and equipment used in preparing sterile pharmaceuticals.
- * Identify incompatibilities of sterile products, problems associated with such and define the minimum standards for maintaining characteristics of sterile solutions.
- * Identify the different dosage forms available, storage requirements related to dosage forms, and factors that affect stability of drugs.
- * Describe aseptic handling of equipment and supplies used in the preparation of sterile products.
- * Identify the various types of sterile containers and their storage, and define the types of closure systems available.
- * Identify common chemotherapy agents, their uses, storage and preparation/safety techniques.
- * Perform proper aseptic technique for preparation of sterile pharmaceuticals including hand washing, hood cleaning, ampule preparation, vial preparation, and reconstitution techniques.
- * Define minimum documentation required for preparation of batches, labeling and record keeping.
- * Define process validation and quality control processes and required documentation.
- * Identify gram positive and gram negative organisms, symptoms associated with exposure and methods to prevent the spread of microorganisms.
- * Calculate the ideal body weight, dosing weight and creatinine clearance for aminoglycoside drugs.

COURSE OVERVIEW

“Sterile Products Training for New Mexico Pharmacy” is a 20 hour ACPE program.

To receive ACPE credit, the participant must successfully do the following.

- ❖ Work through the manual and self-assessment questions.
- ❖ Pass a post test with a score of 75% or better.
- ❖ Complete the hands-on aseptic technique process validation forms signed off by a NMSHP approved instructor.
- ❖ Complete a program evaluation form to be submitted with the post test and process validation checklists.

New Mexico Society of Health-System Pharmacists offers 20 hours of continuing education credits for this course and will provide each participant who successfully completes this program with a statement of credit.



New Mexico Society of Health-System Pharmacists is approved by the American Council on Pharmaceutical Education as a provider of continuing pharmaceutical education. This course, ACPE # 176-999-04-021-H04, is appropriate for pharmacists and pharmacy technicians in all areas of practice.

Refund Policy: The program fee can be refunded within 3 months of purchase provided ALL materials are returned in unused condition.

Order Form

Name: _____

Address: _____

City: _____ State: _____

Zip: _____ Day Phone: () _____

License #: _____

Name and license number are required for each participant purchasing an ACPE program. For multiple ACPE orders please submit a list specifying: Name and ID. This order form can be copied as needed.

PHARMACIST	Total
NMSHP Member@ \$200.00	
Sales Tax \$11.63	
NON-Member@ \$225.00	
Sales Tax \$13.08	
TECHNICIAN	
NMSHP Member@ \$175.00	
Sales Tax \$10.17	
NON-Member@ \$200.00	
Sales Tax \$11.63	
Subtotal	
Sales Tax - 5.8125%	Shipping \$ 5.00
Shipping	\$ 5.00
Total Submitted	

Allow 2-4 weeks for delivery of program(s) and 4-6 weeks for grading and processing of post-tests and evaluations.

Send check to:
NMSHP
P.O. Box 14467
Albuquerque, NM 87191 FAX (505) 323-4475

For credit card order:
Circle type: Visa Mastercard AMEX

Card Number: _____ Exp: _____

Name _____

Signature _____