



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

UNIVERSAL ACTIVITY NUMBER (UAN): 0384-9999-22-556-L07-P
0384-9999-22-556-L07-T

Provider Name: National Pharmacy Technician Association (NPTA)

Cancel

Cosponsor(s): 9999 Joint Providership (L)

Activity Type: Knowledge

Activity Title: Sterility Assurance Training: Live - Canada Day 1

Learning Objectives:

(Pharmacists)

At the completion of this activity, the participant will be able to:

1. Review the minimum standards and best practices set forth in NAPRA to be followed while preparing compounded sterile preparations
2. Integrate NAPRA compliance into sterile compounding practice and compare NAPRA to USP standards
3. Explain the role of the designated person and their responsibilities regarding sterile compounding
4. Describe the process for proper hand washing and garbing for sterile compounding
5. Discuss process validation and personnel validation for aseptic compounding
6. Outline the systems and processes to prevent contamination in a sterile compounding facility
7. Explain the process for performing a media fill
8. Describe how sterile compounding facilities must be designed, outfitted, and maintained properly to minimize the risk of contamination of CSPs
9. Discuss the FDA's Insanitary Conditions Guidelines and why these topics are important to consider for NAPRA compliance and quality
10. Discuss proper use of disinfectants to achieve adequate levels of disinfection
11. Describe cleaning techniques, daily requirements, and required documentation
12. Evaluate standard operating procedures required for compounding sterile preparations
13. Classify various antiseptics, disinfectants and sporicidal agents

Learning Objectives:

(Pharmacy Technicians)

At the completion of this activity, the participant will be able to:

1. Review the minimum standards and best practices set forth in NAPRA to be followed while preparing compounded sterile preparations
2. Integrate NAPRA compliance into sterile compounding practice and compare NAPRA to USP standards
3. Explain the role of the designated person and their responsibilities regarding sterile compounding
4. Describe the process for proper hand washing and garbing for sterile compounding
5. Discuss process validation and personnel validation for aseptic compounding
6. Outline the systems and processes to prevent contamination in a sterile compounding facility
7. Explain the process for performing a media fill
8. Describe how sterile compounding facilities must be designed, outfitted, and maintained properly to minimize the risk of contamination of CSPs
9. Discuss the FDA's Insanitary Conditions Guidelines and why these topics are important to consider for NAPRA compliance and quality
10. Discuss proper use of disinfectants to achieve adequate levels of disinfection
11. Describe cleaning techniques, daily requirements, and required documentation
12. Evaluate standard operating procedures required for compounding sterile preparations
13. Classify various antiseptics, disinfectants and sporicidal agents

Activity Length: 7.5 **Contact Hours Or** 0.75 **CEUs.**

Target Audience: Pharmacists
Pharmacist Technicians

Home Study Format(s):

Keyword(s): Compounding

Initial Release Date: 03/27/2022

Planned Expiration Date: 03/27/2025

Originally Submitted By: Kelly Simmons

Submission Date: 03/22/2022



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

Last Modified By: Mike Johnston

Modification Date: 12/18/2023

Date	Location	Date Entered	Format	Cosponsor	Listed in P.L.A.N. ®	Cancel
03/28/2022	London, ON,	03/22/2022	Seminar	Joint Providership		
11/07/2022	London, ON,	03/22/2022	Seminar	Joint Providership		
04/24/2023	London, ON,	04/05/2023	Seminar	Joint Providership		



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

UNIVERSAL ACTIVITY NUMBER (UAN): 0384-9999-22-557-L07-P
0384-9999-22-557-L07-T

Provider Name: National Pharmacy Technician Association (NPTA)

Cancel

Cosponsor(s): 9999 Joint Providership (L)

Activity Type: Knowledge

Activity Title: Sterility Assurance Training: Live - Canada Day 2

Learning Objectives:
(Pharmacists)

At the completion of this activity, the participant will be able to:

1. Explain the importance of a monitoring program for viable airborne particles to assess microbiological air quality in all classified areas
2. Review microbiological air and surface monitoring programs that must be included
3. Describe what needs to be documented, how to achieve proper documentation, and how to evaluate data trending
4. Implement a routine testing program that provides data that shows control of process, procedures, personnel, and quality of preparations
5. Evaluate proper techniques for working in a laminar airflow hood

Learning Objectives:
(Pharmacy Technicians)

At the completion of this activity, the participant will be able to:

1. Explain the importance of a monitoring program for viable airborne particles to assess microbiological air quality in all classified areas
2. Review microbiological air and surface monitoring programs that must be included
3. Describe what needs to be documented, how to achieve proper documentation, and how to evaluate data trending
4. Implement a routine testing program that provides data that shows control of process, procedures, personnel, and quality of preparations
5. Evaluate proper techniques for working in a laminar airflow hood

Activity Length: 7.5 **Contact Hours Or** 0.75 **CEUs.**

Target Audience: Pharmacists
Pharmacist Technicians

Home Study Format(s):

Keyword(s): Compounding

Initial Release Date: 03/27/2022

Planned Expiration Date: 03/27/2025

Originally Submitted By: Kelly Simmons

Submission Date: 03/22/2022

Last Modified By: Mike Johnston

Modification Date: 12/18/2023

Date	Location	Date Entered	Format	Cosponsor	Listed in P.L.A.N. ®	Cancel
03/29/2022	London, ON,	03/22/2022	Seminar	Joint Providership		
11/08/2022	London, ON,	03/22/2022	Seminar	Joint Providership		
04/25/2023	London, ON,	04/05/2023	Seminar	Joint Providership		



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

UNIVERSAL ACTIVITY NUMBER (UAN): 0384-9999-22-558-L07-P
0384-9999-22-558-L07-T

Provider Name: National Pharmacy Technician Association (NPTA)

Cancel

Cosponsor(s): 9999 Joint Providership (L)

Activity Type: Knowledge

Activity Title: Sterility Assurance Training: Live - Canada Day 3

Learning Objectives:
(Pharmacists)

At the completion of this activity, the participant will be able to:

1. Evaluate NAPRA for compounding versus manufacturing
2. Discuss NAPRA guidelines surrounding active pharmaceutical ingredients, inactive ingredients, and components
3. Describe a certificate of analysis and how to utilize assays and loss on drying in your calculations
4. Review the requirements for nonpatient specific sterile compounding
5. Calculate isotonicity, pH, and osmolarity for compounded sterile preparations
6. Evaluate various types of terminal sterilization (e.g., dry heat, steam, or irradiation) and when each is best suited for the compounded sterile preparation
7. Discuss different filters, filter types, and when to use each one
8. Discuss beyond use dating as outlined in NAPRA

Learning Objectives:
(Pharmacy Technicians)

At the completion of this activity, the participant will be able to:

1. Evaluate NAPRA for compounding versus manufacturing
2. Discuss NAPRA guidelines surrounding active pharmaceutical ingredients, inactive ingredients, and components
3. Describe a certificate of analysis and how to utilize assays and loss on drying in your calculations
4. Review the requirements for nonpatient specific sterile compounding
5. Calculate isotonicity, pH, and osmolarity for compounded sterile preparations
6. Evaluate various types of terminal sterilization (e.g., dry heat, steam, or irradiation) and when each is best suited for the compounded sterile preparation
7. Discuss different filters, filter types, and when to use each one
8. Discuss beyond use dating as outlined in NAPRA

Activity Length: 7.5 **Contact Hours Or** 0.75 **CEUs.**

Target Audience: Pharmacists
Pharmacist Technicians

Home Study Format(s):

Keyword(s): Compounding

Initial Release Date: 03/27/2022

Planned Expiration Date: 03/27/2025

Originally Submitted By: Kelly Simmons

Submission Date: 03/23/2022

Last Modified By: Mike Johnston

Modification Date: 12/18/2023



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

Date	Location	Date Entered	Format	Cosponsor	Listed in P.L.A.N. ®	Cancel
03/30/2022	London, ON,	03/23/2022	Seminar	Joint Providership		
11/09/2022	London, ON,	03/23/2022	Seminar	Joint Providership		
04/26/2023	London, ON,	04/05/2023	Seminar	Joint Providership		×
04/26/2023	London, ON,	04/05/2023	Seminar	Joint Providership		



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

UNIVERSAL ACTIVITY NUMBER (UAN): 0384-9999-22-559-L07-P
0384-9999-22-559-L07-T

Provider Name: National Pharmacy Technician Association (NPTA)

Cancel

Cosponsor(s): 9999 Joint Providership (L)

Activity Type: Knowledge

Activity Title: Sterility Assurance Training: Live - Canada Day 4

Learning Objectives:
(Pharmacists)

At the completion of this activity, the participant will be able to:

1. Discuss the process for sterile media fills
2. Compound sterile injections for high risk preparations
3. Compound sterile ophthalmic preparations
4. Describe the difference in process for aqueous vs. oil sterile preparations
5. Evaluate a quality assurance, quality control program and discuss the required components
6. Explain the role of the team for compounding sterile hazardous drugs
7. List the components of an investigation and the CAPA system
8. Summarize the steps in Adverse Event Reporting
9. Describe a hazardous drug communication plan and how it will be communicated to those involved
10. Discuss the NIOSH list of antineoplastics and other hazardous drugs
11. Describe USP 800 terminology include C-PEC and C-SEC
12. Evaluate required personal protective equipment (PPE), how they should be donned, doffed, and discarded

Learning Objectives:
(Pharmacy Technicians)

At the completion of this activity, the participant will be able to:

1. Discuss the process for sterile media fills
2. Compound sterile injections for high risk preparations
3. Compound sterile ophthalmic preparations
4. Describe the difference in process for aqueous vs. oil sterile preparations
5. Evaluate a quality assurance, quality control program and discuss the required components
6. Explain the role of the team for compounding sterile hazardous drugs
7. List the components of an investigation and the CAPA system
8. Summarize the steps in Adverse Event Reporting
9. Describe a hazardous drug communication plan and how it will be communicated to those involved
10. Discuss the NIOSH list of antineoplastics and other hazardous drugs
11. Describe USP 800 terminology include C-PEC and C-SEC
12. Evaluate required personal protective equipment (PPE), how they should be donned, doffed, and discarded

Activity Length: 7.5 **Contact Hours Or** 0.75 **CEUs.**

Target Audience: Pharmacists
Pharmacist Technicians

Home Study Format(s):

Keyword(s): Compounding

Initial Release Date: 03/27/2022

Planned Expiration Date: 03/27/2025

Originally Submitted By: Kelly Simmons

Submission Date: 03/23/2022

Last Modified By: Mike Johnston

Modification Date: 12/18/2023



ACTIVITY DESCRIPTION FORM (ADF)

Accreditation Council for Pharmacy Education

135 S. LaSalle Street, Suite 4100 Chicago, IL 60603-4810

Phone (312) 664-3575 Fax (312) 664-7008 <http://www.acpe-accredit.org>

Date	Location	Date Entered	Format	Cosponsor	Listed in P.L.A.N. ®	Cancel
03/31/2022	London, ON,	03/23/2022	Seminar	Joint Providership		
11/23/2022	London, ON,	03/23/2022	Seminar	Joint Providership		
04/27/2023	London, ON,	04/05/2023	Seminar	Joint Providership		