SI Pharmacy Technician - Full Discipline Demo

Aseptic Technique

Final Report - Answer Guide

Institution Science Interactive University

SessionSI Pharmacy Technician - Full Discipline DemoCourseSI Pharmacy Technician - Full Discipline Demo

Instructor Sales SI Demo

Test Your Knowledge



Classify each statement regarding aseptic technique as true or false.

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Frequently missed areas of the hand during washing include between the fingers and under the fingernails.

Hands do not need to be washed if gloves are being worn.

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In addition to proper hand washing, any equipment must be fully disinfected both before and after use.

** Non-sterile compounding does not require aseptic technique.

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Proper aseptic handwashing technique includes scrubbing soap using circular motions from the fingers to the elbows.

True	False
; 1	2
	1

Correct answers:

1

In addition to proper hand washing, any equipment must be fully disinfected both before and after use.

Frequently missed areas of the hand during washing include between the fingers and under the fingernails.

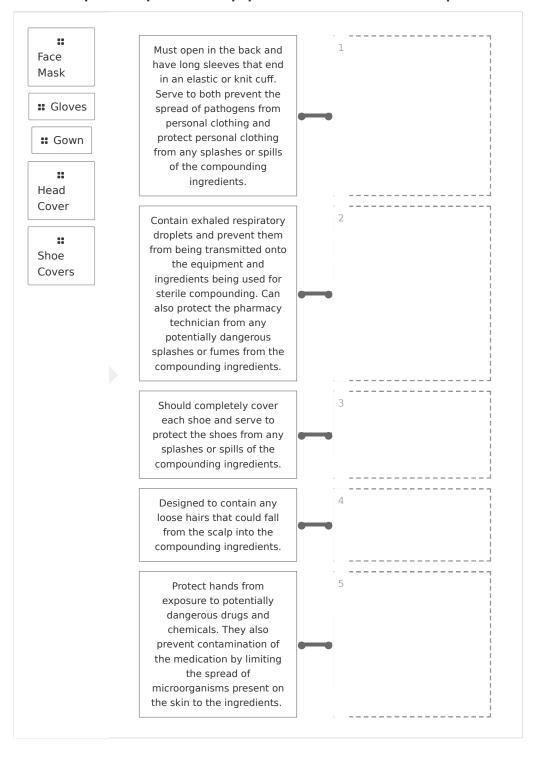
Proper aseptic handwashing technique includes scrubbing soap using circular motions from the fingers to the elbows.

2 Non-sterile compounding does not require aseptic technique.

Hands do not need to be washed if gloves are being worn.



Match the personal protective equipment with the correct description.



Correct answers:

1 Gown 2 Face Mask 3 Shoe Covers 4 Head Cover 5 Gloves

	prevent the spread of pathogens from personal clothing and protect personal clothing from splashes or spills of the compounding ingredients.
	Face masks
	○ Gowns ✓
	○ Gloves
	Shoe covers
	Proper aseptic technique dictates scrubbing from the fingertips all the way up to the elbows.
	○ True
	○ False
	The United States Pharmacopeia (USP) chapter <797> provides the standards for compounding non-sterile products.
	True
	○ False
ci	se 1
wc	ould proper aseptic technique be required?



Why was it necessary to wash your hands before putting on the gloves?		
Could you reuse any of the PPE you put on in this exercise? Why or why not?		
In what environment would the PPE used in this exercise be required?		

Photo 1: Full PPE (SAMPLE ANSWER BELOW)



Preparation of which of the following requires sterile compounding? Capsules Ointments Emulsions Injectables Hands are the main source of contamination, and therefore are the only things that need to be cleaned when performing aseptic technique. True False



cleaner to dirtier areas.	
○ True	✓
O False	
Which of the following is permissible to wear during sterile compounding	ng?
 Rings as long as they are under gloves 	
 Makeup as long as a face covering is worn 	
Personal clothing under a gown	~
 Long nails as long as they are painted 	
During aseptic hand washing in Exercise 1, in what direction did your fingers point when rinsing your forearms and hands?	
Upward	
Downward	✓
To the side	•
It did not matter	
When performing proper aseptic technique, the forearms and hands shoe lathered with soap for at least seconds.	ould
○ 10	
O 20	
○ 30	✓
O 40	



. , , , , , , , , , , , , , , , , , , ,	
Gloves	~
Gown	
 Shoe covers 	
Hair cover	
Face mask	
ne opening of the gown worn for sterile compounding should face the ont.	
True	
○ False	~

What was the last piece of PPE you put on when gowning in Exercise 1?

Extension Questions

This lesson focused on aseptic technique and the PPE required for compounding sterile products. What else do you think would be required to perform sterile compounding to eliminate the possibility of contamination from the environment? (SAMPLE ANSWER BELOW)

Answers will vary. Sterile compounding also requires sterile equipment, a sterile workspace, and often times a fume hood.

