# **Personal Protective Equipment TXCH Global HOPE**

# Learning objectives

By the end of this presentation, the participant should be able to:

- Understand the importance of appropriate use of personal protective equipment (PPE)
- Explain appropriate donning, doffing, and scrubbing procedures
- Identify the appropriate frequency for validation of skills



#### **Components of Appropriate Aseptic Technique**

#### **Protecting patients**

- Protecting "critical sites" during preparation
- · Maintaining a clean environment
- **Wearing PPE**

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- · Washing hands
- Following aseptic technique standard operating procedures

# Protecting healthcare professionals

- · Protecting "critical sites" during preparation
- Maintaining a clean environment
- **Wearing PPE**
- · Washing hands
- Following aseptic technique standard operating procedures

The approaches are generally the same – emphasizing their importance!



# What is PPE?

- · Attire or supplies which are...
  - Donned (put on) by healthcare professionals to achieve aseptic technique goals
  - Donned (put on) by healthcare professionals prior to handling hazardous drugs, including during:
    - · Unpacking or unboxing
    - · Preparation and dispensing
    - Administration
    - Disposal

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- Doffed (removed) when medication preparation or handling is complete



### **PPE Dress Code**

- Shoe covers
- · Hair covers
  - Head
  - · Facial hair, when applicable
- Mask

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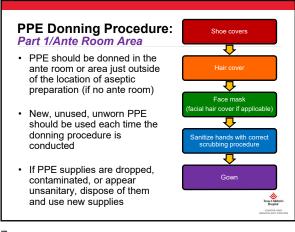
- · Cover gown
  - Chemo-certified gown for hazardous drugs (elastic wrists, opens to the back, non-shedding impenetrable to chemo)
  - Other standard, non-shedding, sterile gowns for non-hazardous drugs
- · Sterile, powder-free, latex-free gloves
  - Chemo-certified (meets ASTM D6978 criteria) for hazardous drugs handling
  - Standard, non-chemo gloves for non=hazardous drugs

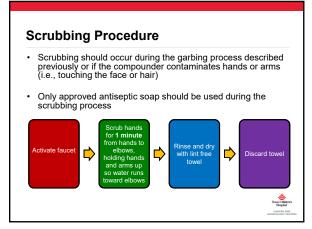


**PPE Donning Procedure** 

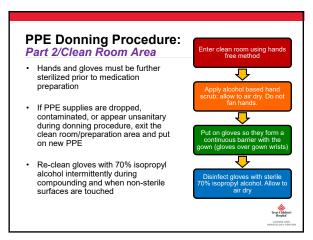
- · PPE should be stored in a convenient place to ensure consistent use
  - In the ante-room near the sink for aseptic technique
  - In the unpacking/unboxing area for drug shipments
  - In oral dispensing areas for oral preparations
- All materials should be gathered prior to beginning the donning process
- Typically apply/don PPE in order from "dirtiest to cleanest" location

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Gloves should be discarded immediately if broken or damaged in any way, even if this occurs while working in the clean room

 Gloves should never be re-used
 Risk of contamination of the product
 Risk of exposure to the healthcare professional and the environment

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PPE Doffing Procedure

All PPE should be disposed when exiting the clean room/aseptic preparation area

PPE should be removed as follows (in order):

Gloves
Gown
Hair cover and mask
Shoe covers

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