

# Use of Personal Protective Equipment (PPE) Across Settings

**TXCH Global HOPE**



# Objectives

---

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

- Describe the importance of PPE in receiving, storage, transporting, and preparing or dispensing, administering, cleaning, and disposing of hazardous drugs
- Identify the need for the use of PPE in various situations

# Receiving and Storing

## What's the risk?

- Residue on shipping cartons
- Residue on drug containers

## PPE Recommendation

- **Single pair chemo-certified gloves**
- During unpacking from shipping container, unpacking from drug boxes, or storing in the pharmacy

# Transporting

## What's the risk?

- Residue on drug containers
- Residue on final prepared product
- Accidental spills during transport

## PPE Recommendation

- **Single pair chemo-certified gloves**
- Transport in sealed plastic bags
- Use impact-resistant packing materials
- Use secure connector pieces (e.g., luer lock caps, closed system transfer devices)

# Pharmacy Preparation and Dispensing

## What's the risk?

- Withdrawing drug from a vial (aerosolization)
- Adding drug to vial, bag, or syringe
- Expelling air from syringe
- Cutting or crushing tablets
- Opening capsules
- Preparing oral liquids

## PPE Recommendation

- **Double pair of chemo-certified gloves**
- Appropriate sterile technique practices
- Use secure connector pieces (e.g., luer lock caps, closed system transfer devices)
- Plastic bag/pouch for crushing or cutting tablets

# Cleaning

## What's the risk?

- When cleaning the pharmacy or the biologic safety cabinet

## PPE Recommendation

- **Double pair of chemo-certified gloves**
- Gown
- Eye/face protection
- Mask
- Apply cleaning solution with wipes, not spray

# Disposal

## What's the risk?

- When disposing of chemotherapy

## PPE Recommendation

- **Single or double pair of chemo-certified gloves**
- Gown
- Eye/face protection
- Mask

# Spill Management

## What's the risk?

- Exposure to the spilled agent(s) and disposal of cleaning materials

## PPE Recommendation

- **Double pair of chemo-certified gloves**
- Gown
- Eye/face protection
- Mask



# What's Next?

---

- Complete the practice questions

# Global HOPE Pharmacy Education

