

Use of Personal Protective Equipment (PPE) Across Settings

TXCH Global HOPE



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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



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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



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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)



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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



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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



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Disposal


What's the risk?	PPE Recommendation
<ul style="list-style-type: none"> When disposing of chemotherapy 	<ul style="list-style-type: none"> Single or double pair of chemo-certified gloves Gown Eye/face protection Mask



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Spill Management


What's the risk?	PPE Recommendation
<ul style="list-style-type: none"> Exposure to the spilled agent(s) and disposal of cleaning materials 	<ul style="list-style-type: none"> Double pair of chemo-certified gloves Gown Eye/face protection Mask



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What's Next?

- Complete the practice questions



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