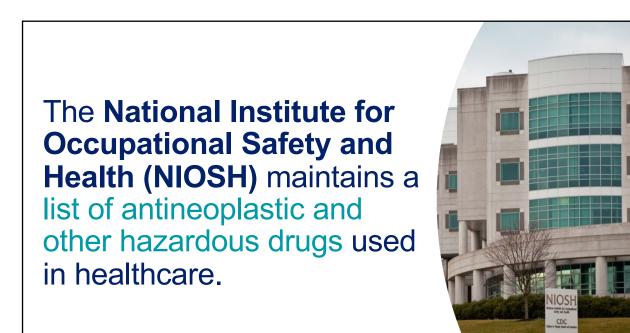


Hazardous Drug Examples

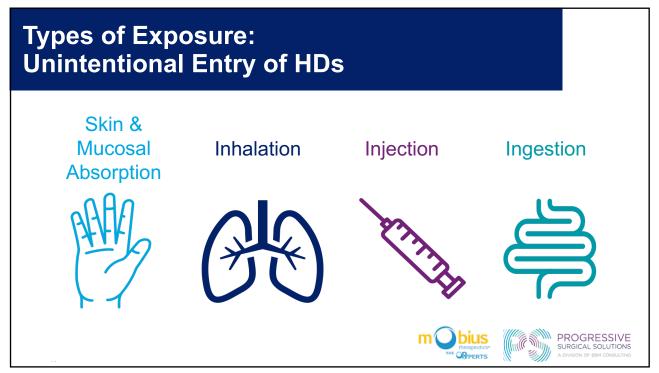
- O Cancer Chemotherapy
 ✓ MMC-only FDA-approved is Mitosol-Fluorouracil (5-FU)- off-label
- **O** Antiviral Medications
- o Hormones
- O Some bioengineered drugs
 - Avastin (reproductive risk only)
- o Other miscellaneous drugs
 - Drugs with safe handling guidelines from manufacturer

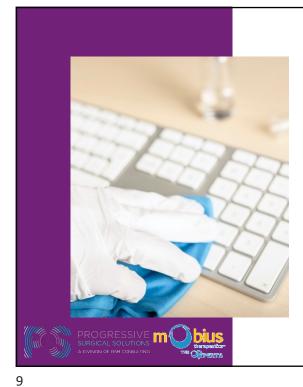








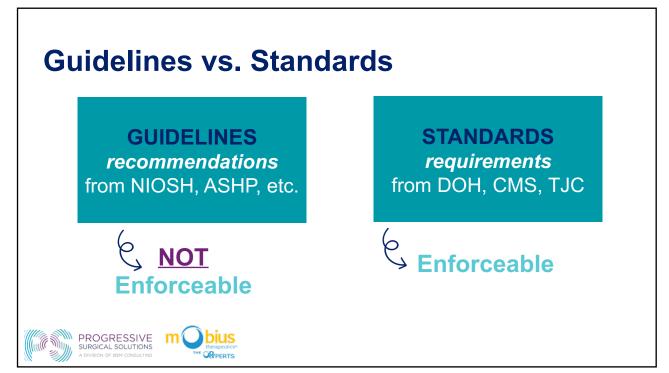




Environmental Contamination

O Surveillance Studies:

- ✓HDs found on: chairs, pens, keyboards, printers, telephones
- Staff who were not involved in administering HDs
 - i.e., unit clerks, volunteers, etc., were exposed.



ORPERTS

"This chapter applies to all healthcare professionals who handle HD preparations and all entities that store, prepare, transport or administer HDs, e.g., pharmacies, hospitals and other healthcare institutions, patient treatment clinics physician's practice facilities..."

USP <800>

O Includes, but NOT LIMITED TO:

- ✓ Pharmacists
- Pharmacy technicians
- ✓ Nurses/OR technologists
- Physicians
- Physician Assistants
- Does NOT provide exemptions for HD use outside of the pharmacy
 - ✓ e.g. Operating Rooms, Physician Offices

A legally recognized compendium of standards for drugs, published by the United States Pharmacopeial Convention, Inc.

11

Requirements 1. Designated Person • Each facility must have a **designated person** who is qualified and trained to be responsible for: V Developing and implementing appropriate standard operating procedures ✓ Overseeing facility compliance with USP <800> and other regulations / standards ✓ Ensuring competency of personnel: oversees training and documentation Ensuring environmental controls: storage, disposal, etc.) PROGRESSIVE bius SURGICAL SOLUTIONS RPERTS 12





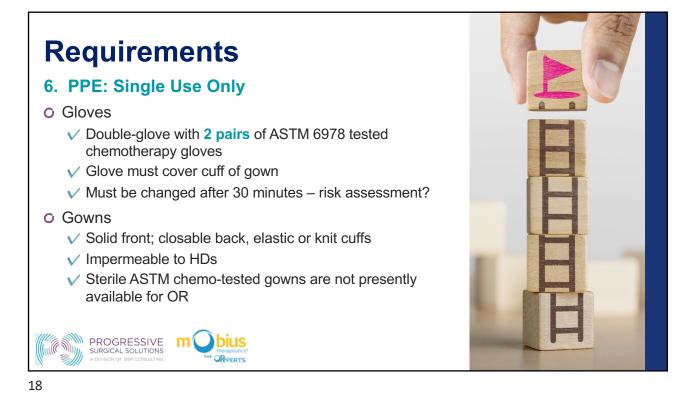
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ORPERTS





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Requirements

6. PPE: Single Use Only

- o Other
 - Eye goggles or face shield required if splashing is possible
 - Shoe covers need to be removed before leaving area and disposed of in a designated chemo waste bag or bin
 - Masks: typical OR mask is not sufficient to protect against splashes, N95 respirator provides more protection.
 - Face shield most protective







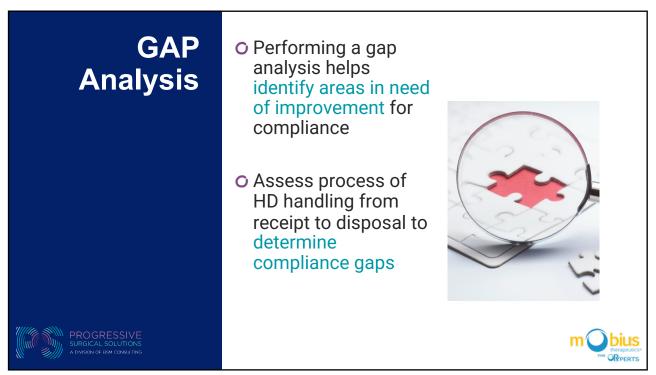


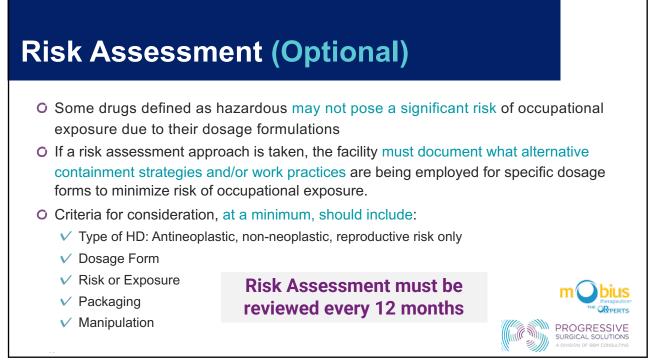
Standards of Practice

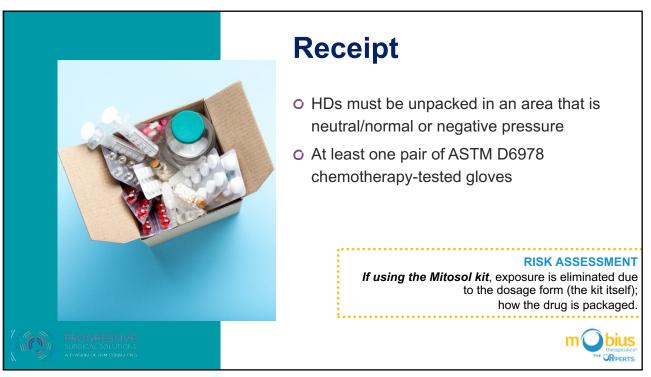
- o Hazard communication and occupational safety programs
- Designation of HD areas
- Receipt and storage documentation
- O Use of proper engineering controls CSTDs
- Hand hygiene and proper use of PPE
- Deactivation, decontamination, cleaning and disinfection
- Transport
- Administration
- Environmental monitoring
- o Disposal
- o Spill management

Must be reviewed every 12 months by designated person. Review must be documented.











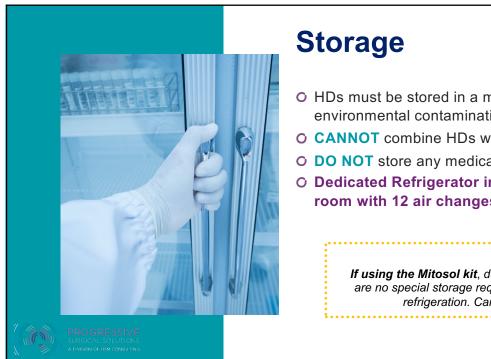
Transport

- O Appropriate PPE must be worn when handling HDs, including during transport, i.e., chemo-tested gloves
- O HDs must be transported in containers that minimize the risk of leakage or breakage

RISK ASSESSMENT

If using the Mitosol kit, due to the dosage form, the risk of leakage or breakage is eliminated. Chemo-tested gloves, therefore, are not required for transport.





- O HDs must be stored in a manner that prevents environmental contamination or exposure
- **O CANNOT** combine HDs with other medications
- O DO NOT store any medications with food
- O Dedicated Refrigerator in negative pressure room with 12 air changes per hour

RISK ASSESSMENT

If using the Mitosol kit, due to the dosage form, there are no special storage requirements. Does not require refrigeration. Can be stored with other drugs.





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Cleaning Instruments Contaminated with HDs

- Instruments that come into contact with a hazardous drug including, but not limited to, the forceps used to apply and remove a sponge soaked with the HD must be isolated from the other instruments on the surgical field.
- The tips of these instruments should be wiped with an instrument wipe designed for ophthalmic instruments to remove the HD residue prior to leaving the OR for processing. The instrument wipe must be disposed of as contaminated waste.
- These instruments must be pre-washed with water and a fresh instrument wipe designed for use with ophthalmic instruments prior to being put with other instruments for final cleaning. The instrument wipe must be disposed of as contaminated waste.

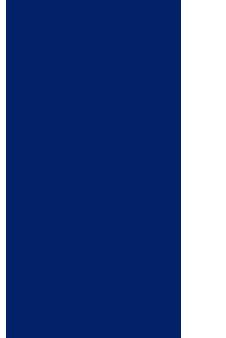




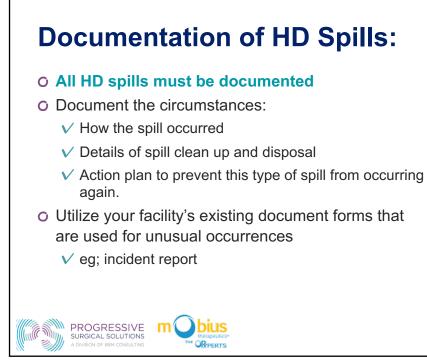
Cleaning a HD Spill ON the Sterile Field

- While double-gloved with ASTM6978 chemotherapytested gloves, place a stack of 4x4 gauze pads onto the spill. HOLD AND BLOT
- 2. Immediately dispose of contaminated 4x4 gauze pads into appropriate chemotherapy bag or bin.
- 3. Change gloves.
- 4. Cover area where spill occurred with a folded disposable towel to contain the drug residue.
- 5. Contaminated drape and disposable towel must be disposed of into chemotherapy bag or bin.



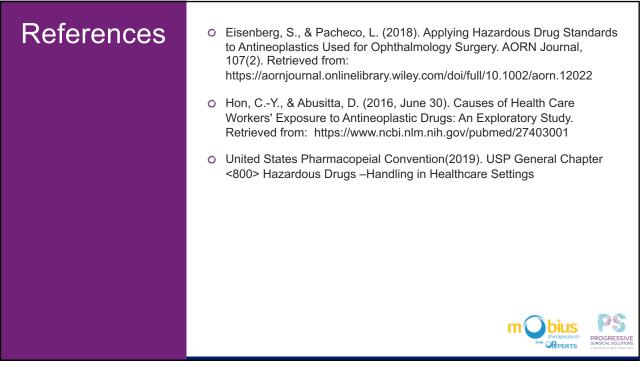


Cleaning a HD Spill OFF the Sterile Field Circulating nurse or other designated individual should utilize a chemotherapy spill kit to clean the spill. Kits contain proper items, including: PPE, and instructions to clean spill. All contaminated items must be disposed of into chemotherapy bag or bin. Hands must be washed after removing PPE.











Available to Members on eSupport

NEW CE COURSE!



USP <800> HANDLING OF HAZARDOUS DRUGS

COURSE DESCRIPTION

USP <800> provides standards for the safe handling of hazardous drugs from the ordering process to use in the clinical space. This course will review the standards in detail and provide specific guidance on how to implement these standards in your facility.

LEARNING OBJECTIVES

• Describe what USP <800> is and who it applies to.

List 3 safety protocols for the handling of hazardous drugs.
Identify what must be included in facility policies related to the handling of hazardous drug.

CLICK TO DOWNLOAD COURSE PDF

Once you have read and assimilated the course material, come back here to take the quiz and process your certificate.





Continued Education

Licensed nurses and CASC credentialed participants are eligible for 1.0 CE Contact Hour and/or 1.0 AEU Credit. Progressive Surgical Solutions, division of BSM Consulting is approved by the California Board of Registered Nurses, Provider #17435 and BASC, Provider #1016.





DATE	()	CE	WEBINAR TOPIC	SPEAKER
MAR 3-4			ASC NURSE LEADERSHIP CONFERENCE No Webinar	
APR 29	60	RN, CASC	The Great Resignation: Recruiting, Hiring, and Retention in a Tight Labor Market	Abtin Mehdizadegan
MAY 23	20		Benchmarking Made Simple	Vanessa Sindell
JUN 24	60	RN, CASC	What's Your Pulse? Connecting With and Understanding Your Staff	Elizabeth Monroe Kellie Wynne
JUL 25	20		Allied Health Workers in the ASC	Debra Stinchcomb
AUG 26	60	RN, CASC	Meaningful Hand Hygiene Surveillance	Crissy Beze
SEP 26	20		Excel for Nurse Leaders	Nancy Stephens
OCT 28	60	RN, CASC	Revenue Cycle Management: Improving the Bottom Line	Kylie Kaczor
NOV 28	20		Annual Survey Watch Report 2022	Cyndi Krause
DEC 16	60	RN, CASC	Life Safety Risk Assessment: What is it and what is Required?	John Crowder, Jr.