

Title: Chemotherapy Drug Spill Response	Procedure
Patient Age Group: <input type="checkbox"/> N/A <input checked="" type="checkbox"/> All Ages <input type="checkbox"/> Newborns <input type="checkbox"/> Pediatric <input type="checkbox"/> Adult	

DESCRIPTION/OVERVIEW

All chemotherapy drug spills will be handled in accordance with the following procedure.

REFERENCES

Chemotherapy Administration
 UNM Business Policies and Procedures manual / Safety, Health and Environmental Affairs (SHEA), 4.02 Chemical Spill Response Program

AREAS OF RESPONSIBILITY

UNM Cancer Center (UNM CC) Nursing Staff
 UNM Cancer Center Oncology Pharmacist
 UNM Employee Health
 UNM Safety Health and Environmental Affairs (SHEA)
 UNMH Nursing Staff
 UNMH Oncology Pharmacist
 UNMH Occupational Health
 UNMH Safety Director

PROCEDURE

1. Notify the dedicated Oncology Pharmacist in your area that a chemotherapy drug spill has occurred. After hours and weekends, call the In-house Pharmacist.
 - A. The Pharmacist will deploy the “Cytotoxic Spill Kit” in the UNM CC.
 - B. Environmental Services will deploy the “Cytotoxic Spill Kit” at UNM Hospitals.
 - C. Notify SHEA (Safety Health and Environmental Affairs) and UNM Police for large spills, greater than 5ml or 5gm.
 - D. The following procedure will be followed in cleaning up the spill.
2. Only persons trained in cytotoxic spill containment should clean up cytotoxic contamination to include spills and breakage.
 - A. Chemotherapy Drug Spill Kit (Sage) instructions:
 - a. Restrict access to spill area.
 - b. Stop infusion if it is source of spill.
 - c. Take out contents of kit.
 - d. Display warning sign.
 - e. Put on protective gear.
 - If clothing of a patient or employee is contaminated with > 5 ml of cytotoxic drug, remove the clothing at once and cleanse skin with soap and water. Double bag the contaminated clothing and send it home with written instructions to launder twice separately from other clothing.

- For spill < 5ml to clothing and/or skin, immediately absorb the liquid with an absorbent towel and cleanse skin with soap and water. Clothing does not need to be removed. Place towel in chemotherapy waste bag.
 - Move patient out of area if more than 5 ml of cytotoxic drug has spilled.
- 2.A.e.1. Lay ChemoSorb pads over spill on floor or other work surfaces. If spill is larger than chemosorb pads can accommodate use towels or cotton blanket for absorption and prevention of further leakage of spill.
 - 2.A.e.2. Detach scoop from scraper and use both to pick up the Chemosorb gel.
 - 2.A.e.3. Place contaminated gel in one chemotherapy waste bag. If there is any broken glass, use scoop to place in chemotherapy waste bin.
 - 2.A.e.4. Use spill towels and water to pick up any remaining gel. Place towels in the chemotherapy waste bag.
 - 2.A.e.5. Notify Environmental Service Department to complete clean up process, with a thorough cleaning of all contaminated areas with a detergent solution three times with clean water rinse between each detergent cleaning.
 - 2.A.e.6. Contaminated linen should be bagged in the specially marked linen bag and Environmental Service Department should be notified for pick up.
 - 2.A.e.7. Remove protective gear. Discard in chemotherapy waste bag.
 - 2.A.e.8. Wearing only the inner gloves close blue bag and place it in the 2nd chemotherapy waste bag. Remove gloves and discard in the chemo waste bag. Close bag with tie wrap.
 - 2.A.e.9. Dispose of bag into the designated chemotherapy waste container.
 - 2.A.e.10. Notify SHEA between the hours of 8:00 AM and 5:00 PM for pick-up and disposal of the chemotherapy waste container.
- f. For spills inside vertical laminar flow contaminant hood in Pharmacy:
 - 2.A.f.1. Obtain spill kit.
 - 2.A.f.2. Leave blower on.
 - 2.A.f.3. Lift glass shield only if spill cannot be totally contained through front opening.
 - 2.A.f.4. Follow Chemotherapy Drug Spill Kit instructions.
- B. Notify Nurse Manager and /or Clinical Operations Director for UNMCC and Unit Director for UNMH.
 - a. Notify physician if patient exposure occurs.
 - b. Refer to UNM Business Policies and Procedures Manual/SHEA/ 4.02 Chemical Response Program.
<http://www.unm.edu/~sheaweb/sheamanual/chemsfty/chemspil/CHEMSPIL.doc>
3. Key Documentation:
 - A. If patient contact occurs, document the following in the nurses notes:
 - a. The drug, the approximate volume of the spill and location of body contact.
 - b. Spill management procedures followed.
 - c. Notification of physician about the spill.
 - d. Notification of family on washing contaminated personal items.
 - B. Complete a Patient Safety Net (PSN) form documenting:
 - a. Personnel, patients, and others exposed to the spill.
 - b. The drug and the approximate volume of the spill.
 - c. How the spill occurred.
 - d. Spill management procedures followed.

DEFINITIONS

None

SUMMARY OF CHANGES

Replaces "Cytotoxic Drug Spill Response", 11/03.

RESOURCES/TRAINING

Resource/Dept	Internet/Link
UNM CC Oncology Pharmacist	
UNMH Oncology Pharmacist	

DOCUMENT APPROVAL & TRACKING

Item	Contact	Date	Approval
Owner	UNM CC Nurse Manager & 5 East Unit Director		
Consultant(s)	Stanley Cheshire, Oncology Pharmacist, UNM CC Andrea Cox, RN, OCN Margaret Hurst, RN		
Committee(s)	Nursing Practice Council		Y
Nursing Officer	Judy Spinella, MBA, MSN, RN, FACHE		Y
Medical Director/Officer	Ian Rabinowitz, Medical Director, UNM CC		Y
Official Approver	Judy Spinella, MBA, MSN, RN, FACHE		Y
Official Signature		11/7/07	
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ATTACHMENTS

UNM Business Policies and Procedures Manual/SHEA/ 4.02 Chemical Response Program.

<http://www.unm.edu/~sheaweb/sheamanual/chemsfty/chemspil/CHEMSPIL.doc>