

Section: Division of Nursing

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**PROCEDURE**  
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Index: 6090.022a  
Page: 1 of 1  
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HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator:

**3 SOUTH**  
(Scope)

**TITLE: MANAGEMENT OF CYTOTOXIC SPILLS**

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**PURPOSE:** To provide a safe and efficient cleanup and disposal of chemotherapeutic spills.

- EQUIPMENT:**
- a. Filter Pollen Mask
  - b. Chemical Splash Goggles
  - c. 2 Pair of Polyvinyl or Neoprene Rubber Gloves
  - d. Small Disposable Scoop (for cleaning broken glass)
  - e. 3 Absorbent Sheets or Pads
  - f. 2 Cytotoxic Waste Disposal Bags

**PROCEDURE:** Managing small spills under 5cc:

1. Wear gloves (double gloves recommended), disposable filter, mask and goggles.
2. Wear chemotherapy administration gown.
3. If spill is liquid, absorb it with gauze pads or absorbent sheets contained in spill kit. If spill is solid, cover and wipe it with wet absorbent gauze.
4. Wipe the spill area clean three time with 70% Isopropyl Alcohol.
5. Place contaminated absorbent pads and gauzes in the cytotoxic waste containment bag.
6. Place glass fragments in rigid plastic container before placing them into containment bag.
7. Seal containment bags and dispose of them in biohazard container.
8. Remove goggles and clean thoroughly with soap and water or 70% alcohol.
9. Remove gown and gloves and discard in biohazard container.

**PROCEDURE:** Managing large spills over 5cc:

1. Limit the spread of the spill quickly.
2. If liquid, cover spill with absorbent sheets or pillows.
3. If powder, cover spill with one or more damp cloths or towels.
4. Restrict access to the spill area (ask for help if the spill is in a traffic area).
5. Wear the recommended protective apparel as outlined previously.
  - a. Wear a filter (pollen) mask and goggles
  - b. Wear a gown.
  - c. Put on gloves (double gloving is recommended).
  - d. Make sure that there is not gap between the gloves and cuffs of the gown.
6. Environmental services cleans all contaminated surfaces with a detergent solution, then wipes several times with clean water wearing recommended protective apparel.
7. Remove the outer gloves and place them in the disposal bag with other contaminated materials.
8. Seal the bag.
9. Place the sealed bag in the other containment bag.
10. Remove the protective goggles and wash them thoroughly.
11. Remove the gown and the mask and place them in the disposal bag.
12. Remove the inner gloves and place them in the disposal bag.
13. Seal the bag and place in Biohazard container in Dirty Utility Room and call Environmental Services to pick up immediately.
14. Send copy to Risk Manager and 3 South Manager.