SUBJECT: Clean up of Chemotherapy Spills

PURPOSE: To establish guidelines for the disposal of Cytotoxic agents by ENS personnel. Cytotoxic agents are considered to be potentially hazardous materials and require unique handling and documentation. Disposal of Cytotoxic contaminated material will be accomplished according to established procedures.

PRODUCTS AND EQUIPMENT NEEDED:

- Cytotoxic Spill Kit

PROCEDURE:

1. A Cytotoxic Spill Kit will be available to all areas where a Cytotoxic substance is stored, mixed or administered. The spill kits are obtained through the MMSC Central Sterile Supply Department being commercially available as a package containing the following:
   - 1 protective gown (x-large)
   - 2 pairs of gloves (a large, 1 medium)
   - 1 respirator mask (NIOSH certified)
   - 1 pair chemical splash goggles (eye protection)
   - 2 absorbent towels
   - 2 spill control pillows
   - 1 disposable scoop and brush (collect fragments)
   - 2 chemo hazard waste disposal bags
   - 4 chemo hazard labels
   - 1 kit box for use as sharps container

2. Handling spills outside of a LAF hood, using the spill kit.
   a. Limit the spread of the spill by placing absorbent sheets over the material and if necessary using the absorbent pillows provided in the kit.
   b. Isolate the area and limit traffic through the spill area.
   c. Wear personal protective gear from the spill kit over clothing.
   d. Carefully remove broken packaging materials.
   e. Chemotoxic materials may be “neutralized” on inert surfaces if necessary using the special “Chemo-Inert” wash bottles.
   f. Cleanse all contaminated areas three times with 70% alcohol, followed by a water rinse and wipe.
   g. Place all contaminated fragments, particles and cleaning materials in the Cytotoxic waste bag from the spill kit.
   h. Seal the waste bag(s) and place in a rigid Cytotoxic waste container (the box which holds the spill kit is acceptable for this purpose).
   i. Remove personal protective gear and place in a cytotoxic waste bag which also is sealed and place in a rigid Cytotoxic waste container.
3. When the spill is on carpet, follow the procedure for using the extractor (Procedure 010). Pour all contents from the extractor in a biohazard plastic container and dispose of.

4. For spills inside the Pharmacy department, but not within the LAF hood, the Pharmacy personnel will assume responsibility for cleanup, with assistance from Environmental Services. ENS should be contacted to help with any cleanup other than a small spill within the hood.

5. For spills occurring outside the Pharmacy, Environmental Services must be contacted for cleanup, with which Pharmacy personnel will provide technical assistance.

6. All spills should be recorded on variance report and submitted to the PI department for safety documentation.

7. Notification reporting of Cytotoxic spills and accidental contacts:
   a. Director of Pharmacy (for all instances)
   b. Occupational Health and Safety Director (for accidental contacts)
   c. Environmental Services (for surface cleanup and disposal)
   d. Performance Improvement Director (for variance reports)