

Cytotoxic Spill Management Algorithm

Determine size of Cytotoxic Spill and ability to contain. If unsure, use spill kit

Small/Easily Contained Cytotoxic Spill less than 100 mL

Gather Equipment:

- Chemo Gown
- 1 pair Chemo Gloves
- 1 pair Exam Gloves
- Procedure Mask
- Plastic-lined absorbent pads (e.g. blue pads)
- Non-antiseptic detergent or soap and paper towels
- Cytotoxic Waste Container

Large Contained/Uncontained Cytotoxic Spill more than 100 mL; powdered Cytotoxic Hazardous Medication; Cytotoxic Spills involving glass Cytotoxic Spills more than 5 kg/5 L OR smaller amounts that cannot be safely managed with available resources

Gather Equipment:

- Cytotoxic Spill Kit
- Non-antiseptic detergent or soap and paper towels
- Cytotoxic Waste Container

INITIATE CODE BROWN

Tablet/Capsule Spills

- Don PPE: Chemo Gloves; Chemo Gown and shoe covers if potential for contact with contaminated surface.
- Use moistened absorbent material (e.g. paper towel) to pick up tablets/capsules; place in Cytotoxic Waste Container.
- Wash affected surface with nonantiseptic detergent or soap, rinse with clean water using paper towels. Repeat this process a total of 3 times.
- Use plastic-lined pads to dry area; place in Cytotoxic Waste Container.
- Dispose of all materials and PPE in the Cytotoxic Waste Container.
- Wash hands thoroughly with soap and water.

NOTE: If tablets become crushed or the number of tablets spilled cannot be picked up with paper towel (i.e. require scoop), use a Cytotoxic Spill Kit, appropriate PPE and follow directions to the right.

Procedure:

- Limit access to the area of the spill, using spill kit signage if applicable.
- Don PPE: Chemo Gown, double gloves inner pair shall be Chemo Gloves worn under the gown cuff, outer pair shall be exam gloves worn over gown cuffs, shoe covers, face and eye protection if risk of splash, N95 respirator for powders (including crushed tablets).
- If required, wait for aerosols to settle.
- Contain spill:
 - <u>Liquids on hard surfaces</u>: gently cover with absorbent pads, plastic side up, being careful not to create aerosolization.
 - <u>Liquids on absorbent surfaces</u>: cover contaminated area with absorbent powder from spill kit. When all liquid absorbed, use scoop to collect saturated powder; place in Cytotoxic Waste Container.
 - Solids/powders: use moistened absorbent material (e.g. paper towel) to pick up; place in Cytotoxic Waste Container.
 - Sharps: Pick up any sharp or broken objects using scoop (do not use hands); place in Cytotoxic Waste Container.
- Wash affected surface AND any non-disposable items with non-antiseptic detergent or soap, rinse with clean water using paper towels. Repeat this process a total of 3 times.
- Use plastic-lined pads to dry area; place in Cytotoxic Waste Container.
- Dispose of all materials and PPE in the Cytotoxic Waste Container.
- Contaminated personally owned items shall be placed separately from other items in a waterproof laundry bag to be sent home for cleaning. (Do not dry clean).
- Contaminated linen shall be placed in a waterproof laundry bag that can be closed securely and sent to laundry services.
- Wash hands thoroughly with soap and water.
- Contact housekeeping for terminal cleaning.
- Complete Patient or Staff Safety Event Report