Spill Management Procedure

Purpose
To ensure the safe management of a cytotoxic spill

Audience/Scope
Registered and enrolled nurses who have completed the Generic Cytotoxic SLP

Associated Documents
- CDHB Manual, Volume 12 – Fluid and Medication Management
- Incident Form
- OSH Form
- Cytotoxic and Biotherapies Website (add link)

Equipment
Cytotoxic Spill Kit

Procedure
1. **Isolate the area**
   - Contain the spill by covering it with an impermeable plastic backed pad.
   - Cordon off the area. If possible, close off the area by closing windows and doors. Turn off any fans which may spread the spill/aerosols.
   - Move patients away from the area of the spill.

2. **Obtain cytotoxic spill kit and don protective clothing**
   - Open the spill kit and put out the caution sign.
   - Don PPE in the following order.
     - Shoe covers
     - Disposable impermeable long-sleeved gown
     - Mask, goggles
• Gloves (two pairs). Put the cytotoxic gloves on first, followed by the thicker domestic gloves. Ensure sleeve cuffs are tucked into the gloves

3. Clean up the spill
   • Take out the clear and cytotoxic plastic bags from the spill kit. Roll down the edges of the cytotoxic bag and place the clear bag into it.
   • Gather up contaminated material enclosed in the disposable towels and place in the clear bag. The floor should be dry at this stage
   • Place more disposable towels onto area of spill
   • Ask another nurse to bring some water in a disposable container. Pour water over spill area (same amount of water as the spill)
   • Repeat as necessary
   • Dry with disposable towels (from the outside of the spill to the middle of the spill). Dispose of the disposable towels in the clear bag

4. Dispose of waste
   • Remove protective clothing in the following order and place in the clear bag
      ▪ Shoe covers
      ▪ Gown – ask another nurse to untie the gown at the back so as not to contaminate your hair and neck.
      ▪ Mask
      ▪ Goggles - If the goggles have been contaminated, discard into the bag, otherwise, wash wearing non-sterile gloves in warm soapy water. Dry with paper towels; discard paper towels into plastic cytotoxic bag. Place goggles back in the spill kit.
      ▪ Outer gloves
   • Unroll the edges of the clear bag and tie off.
   • Unroll the edges of the purple bag, remove the second set of gloves and place into the purple bag, seal the bag with a plastic tag.
   • Remove purple bag to waste removal area.
   • Wash hands with copious amounts of soapy water.

5. Documentation of Spill and skill kit replacement
   • Complete an Incident Form and the OSH form and leave for the Charge Nurse Manager.
   • Return the used spill kit to the hospital pharmacy. They will issue a new spill kit.

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**Policy Owner**

**Date of Authorisation**