



PERFORMANCE CHECKLIST

Topic: Chemotherapy Spill Management
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PRE-REQUISITE SKILLS

- Understanding that chemotherapeutic agents (commonly called chemo agents; also called antineoplastic agents) are hazardous drugs and that safe handling is important to prevent occupational exposure
 - Familiarity with guidelines from the Occupational Safety and Health Administration (OSHA), the Philippine Oncology Nursing Association (PONA), Philippine Society of Medical Oncology (PSMO), and facility protocols.

PROCEDURE

ACTIVITIES	Observed		Assisted		Performed		Remarks
	1	2	1	2	1	2	
Conducts a quick assessment of the area. <ul style="list-style-type: none"> • Checks the cause or source of the spill. • Determines if the spill is wet (liquid spills) or dry (powder spills). 							
Ensures patient and health worker safety. For wet spills due to IV disconnection or IV access out: <ul style="list-style-type: none"> • Instructs the patient to stay still while utilizing therapeutic communication. • Stops the IV infusion to stop further spill. • Puts on a pair of gloves • Applies pressure dressing over previous IV site • Avoids the area with spill. • Disposes used gloves in the yellow trash bin. For dry spills: <ul style="list-style-type: none"> • Places wet absorbent material over the spill to absorb/dissolve the dry material. • Once there is no visible powder, removes the absorbent material and proceeds with clean-up as outlined in the clean-up procedure for wet spills. 							
Prevents other people from going near the spill. <ul style="list-style-type: none"> • Instructs other people not to come near the chemo spill • Gets the spill kit <ul style="list-style-type: none"> ○ 2 pairs of gloves (preferably nitrile or powder-free) ○ Goggles ○ Face mask (ideally, N-95 mask) ○ Gown with long sleeves ○ A pair of booties/shoe cover ○ 5 disposable spill towels for powder spills (damp towel is placed over the powder spill) ○ 2 absorbent pads for liquid spills (ideally, chemo spill pads that will turn liquid into gel) ○ Scoop and scraper (ideally) ○ Caution sign that states "CAUTION! Chemotherapy Spill. Proceed with Care!" ○ 2 yellow bags 							



<ul style="list-style-type: none"> Places the “caution” sign adjacent to the spill 							
<p>Wears the personal protective equipment (PPEs)</p> <ul style="list-style-type: none"> Dons the first pair of gloves (inner gloves) from the spill kit. Puts on the gown Unfolds the gown so that the opening is towards oneself. Puts on the sleeves with the arms high so that the sleeves fall over the arms. Fastens the gown. Ensures that the inner gloves are under the gown’s cuff. Dons the safety goggles Wears the face mask. Wears shoe covers. Dons another pair of gloves over the gown’s cuffs (outer cover) 							
<p>Cleans the spill.</p> <ul style="list-style-type: none"> Opens two chemotherapy waste bags and place them on the floor near the spill site Removes unnecessary materials around the spill site. (In case there are broken glass fragments, scoop and scraper can be used and the fragments are placed in the sharps container.) Places the chemo spill pads/ absorbent pads over the liquid spill. Applies cleansing solution and rinse the site with water-dampened disposable towel from the area of less exposure to greater exposure (outer to inner) using only one hand. Disposes all used materials in the first chemotherapy waste bag. 							
<p>Performs aftercare.</p> <ul style="list-style-type: none"> Disposes protective personal equipment (except for the inner gloves) in the first chemotherapy waste bag. Seals the first chemotherapy waste bag and place it inside the second chemotherapy waste bag. Disposes the inner gloves in the second chemotherapy waste bag. Seals the second chemotherapy waste bag Sends the waste bags to the oncology pharmacy for proper disposal. 							
<p>Records events in the chart and informs the doctor so necessary adjustments in the regimen can be made.</p>							
<p>Performs hand hygiene.</p>							