

# Standard Work Activity Sheet

Author: Ryan Thatcher MSN




Revision Date: 6/14/2024

**Purpose: Spill Clean Up – Potentially high consequence infectious diseases**

**Value Stream: Special Pathogen Unit (SPU)**

The Corewell Health Special Pathogen Unit is located on 9C at Butterworth.

Spill clean-up in this standard work refers to a liquid produced by a patient infected or potentially infected with a high consequence pathogen. All blood and body fluids not contained by medical devices should be considered for clean up using the SPU Spill kit. It is presumed that any team member caring for these patients and cleaning up this type of waste will be in Level 1 or Level 2 Personal Protective Equipment.

Seq. No	Task Description:	Key Point / Image / Measure (what good looks like)	Who
1.	<b>Contain or protect the spill.</b> The spill should be protected from team members, patients, or visitors to prevent potential spread of contamination.		Special Pathogens Response Team
2.	<b>Notify Team Members</b> Notify all members in the area and if in transport, ensure the follow team is aware. In the moment, develop a clean-up plan that ensures everyone is safe. Keep one Team Member "Clean" if possible. If in hallway, you may need to alert a secondary transport team to get the patient.		Special Pathogens Response Team
3.	<b>Gather Spill Kit</b> Send another team member to get the spill kit. Kit should be in a lidded bucket and contain the following items: Solidifier, dustpan and hand broom, absorbent pads, red biohazard bags, disinfectant wipes, grabbers or tongs, and two plastic gowns.		Special Pathogens Response Team

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4.	<b>Prepare bucket to receive spill.</b> Remove all items from bucket and set aside. Double line the bucket with biohazard bags.		Special Pathogens Response Team
5.	<b>Sharps within spill</b> If there are sharps within the spill, opt for solidifier as the only source of absorbent material, especially if glass or other difficult to grab (with tongs) sharps. Do not use absorbent pads and then pick up with hands.		Special Pathogens Response Team
6.	<b>Mark Perimeter of Spill</b> Use provided disinfectant wipes to mark the perimeter of the spill to prevent team members from walking through spill.		Special Pathogens Response Team
7.	<b>Dry Up Spill</b> <b>Absorbent Pad:</b> Cover the spill, allow time to absorb all fluid, ensure team member does not step in spill when applying pad. <b>Solidifier:</b> If using solidifier, ensure the entire fluid is completely covered. Allow the fluid time to absorb (up to 2 minutes).		Special Pathogens Response Team

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8.	<p><b>Pick up absorbent pads (if applicable)</b></p> <p>If sharps: Using tongs, pick up absorbent pads and place in biohazard bag.</p> <p>If triple gloved and sharps are NOT present, team member can pick up absorbent pad with gloved hands. Avoid getting infectious waste on PPE.</p>		Special Pathogens Response Team
9.	<p><b>Clean up contaminated solidifier.</b></p> <p>Utilizing the provided hand broom and dustpan, gently clean up the contaminated solidifier. Waste should be placed in the biohazard bag.</p> <p>Dustpan can be used to scrape solidifier adhered to the floor/wall.</p> <p>Aggressive brooming should be avoided to prevent excessive solidifier relocation.</p>		Special Pathogens Response Team
10.	<p><b>Dustpan and broom disposal</b></p> <p>Once all contaminated solidifier is removed from spill site, place dustpan and broom in biohazard bag.</p>		Special Pathogens Response Team

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11.	<b>Disinfect spill site.</b> With tongs or triple gloved hands, place a liberal number of disinfectant wipes on the spill location and clean. Ensure correct wet time per container. Wipes should be disposed of in the red biohazard bag.		Special Pathogens Response Team
12.	<b>Repeat spill site disinfection.</b> With tongs or triple gloved hands place a liberal number of disinfectant wipes on the spill location and clean. Ensure correct wet time per container. Wipes should be disposed of in the red biohazard bag.		Special Pathogens Response Team
13.	<b>Supply clean up</b> Place all supplies in red biohazard bag. Leave 10 disinfectant wipes out of the bucket to use for bucket disinfection. Leave 2 gowns for redonning dirtiest team members.		Special Pathogens Response Team



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14.	<b>Sanitize Outer Gloves</b> (if possible) <ol style="list-style-type: none"> <li>1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.</li> <li>2) Put enough sanitizer on your gloves to cover all surfaces.</li> <li>3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).</li> </ol>		Special Pathogens Response Team
15.	<b>Doff outer PPE</b> <ol style="list-style-type: none"> <li>1) Doff Patient Care gloves               <ol style="list-style-type: none"> <li>a. Doff using the glove-in-glove technique taking care to not get any infectious waste on inner gloves.</li> <li>b. Dispose of gloves in biohazard bucket</li> </ol> </li> <li>2) Doff Gown               <ol style="list-style-type: none"> <li>a. Team Member will break off apron by rolling it inside out.</li> <li>b. Cross arms grasping the gown at collarbone. Pull the gown forward and down while rolling the gown inside out. Do not grab shroud.</li> <li>c. Dispose of apron in bucket.</li> </ol> </li> </ol>		Special Pathogens Response Team
16.	<b>Don Gown</b> <ol style="list-style-type: none"> <li>1) Put sleeves on first.</li> <li>2) Gown should go OVER the CAPR hood shroud.</li> <li>3) Ensure all ties are securely fastened. Waist tie may take the assistance of HZB or another team member.</li> </ol>		Special Pathogens Response Team

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17.	<p><b>Don Patient Care Gloves (Third pair of gloves)</b></p> <p>Apply a third pair of regular cuffed or long cuffed single-use examination gloves. These gloves should be of a different color than the inner (first pair) and outer gloves (second pair).</p> <p>These may not be readily available. If EVS is following the team they should have gloves available. It is acceptable to proceed with only two pairs of gloves on.</p>		Special Pathogens Response Team
18.	<p><b>Secure biohazard bag</b></p> <p>Using rabbit ears, tie interior and then exterior biohazard bag. Do not remove them from bucket.</p> <p>Avoid pushing bag down to prevent puncture or aerosolization of contaminants.</p>		Special Pathogens Response Team
19.	<p><b>Secure bucket lid and disinfect.</b></p> <p>Secure the bucket lid sealing biohazard bucket. Then use the wipes set aside in step 12 to disinfect the entire exterior of the bucket. These wipes can then be placed in a separate biohazard waste bin.</p>		Special Pathogens Response Team