

## Spill Management

### Preparation:

- Review glove hygiene process:
  - Immerse gloved hands into basin and rub together in IP&C approved disinfectant without splashing
  - Pat gloves dry with IP&C approved disinfectant wipe(s)
- Perform glove hygiene whenever possible glove contamination has occurred, at any point during PPE removal
- Establish the spill perimeter, and safety during clean up. You may have to plan for a second **Primary+** in the room if visibility during clean-up is a concern (i.e. watching for PPE breaches)
- Create a spill kit, within a plastic bag, in advance of need including the following supplies
  - Absorbent pads (5-10)
  - Hygie or Zorbie® bag inserts – enough to absorb excess spill
  - IP&C approved disinfectant
  - Extra outer **GREEN** gloves in small plastic bag (minimally 3 pairs); consider more pairs if a large spill
  - Dustpan, banister brush for sharps or broken glass (if present)
  - Red biohazard waste pail with white lid for disposing of sharps, dustpan and banister brush (if glass/sharps present), as indicated above. See images on page 5
- Review how spill should be cleaned; caution when gathering pad inwards, and so on
- Ensure any sharps or broken glass are removed from the spill area using the banister brush and dustpan BEFORE cleaning the spill
- Once sharps removed (if present), explain the cleaning of the spill area is repeated 3 times
  - 1<sup>st</sup> time to remove gross soil/soak up liquid
  - 2<sup>nd</sup> time to clean, including all visible soil
  - 3<sup>rd</sup> time to disinfect spill area
- Notes:
  - Anteroom door is the door between the hallway and anteroom
  - Patient room door is the door between the anteroom and patient room
  - Clean all spilled blood and other body fluids immediately
  - Monitor for gross soiling of PPE throughout the process
  - Optional sections for soiled vs non-soiled gloves or gross soiling in basin instructions in sections 5, 6 and 7
  - If at any point in the process the **Primary+** has soiled scrubs, proceed to the Soiled Scrubs Checklist

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### Legend

Primary+
Monitor ♣
Assistant 1Ω

### Process:

<b>1. Primary+ in patient room</b>
<b>Assistant 1Ω</b>
<b>PREPARATION</b>
Gather appropriate supplies and place in a plastic bag. <i>See preparation</i>
Don Assistant 1Ω PPE
Enter anteroom with supplies and pass them to Primary+
After Primary+ re-enters room, Assistant 1Ω to doff PPE as per doffing checklist

<b>Primary+ NOT in patient room</b>
<b>Primary+</b>
<b>PREPARATION</b>
Gather appropriate supplies and place in a plastic bag. <i>See preparation</i>
Don Primary+ PPE
Enter anteroom and wait for anteroom door to close
Enter patient room with supplies. Go to section 3

<b>2. IF PRIMARY+ IN PATIENT ROOM AT TIME OF SPILL PRIMARY+ RECEIVES SUPPLIES</b>
<b>Primary+</b>
Perform glove hygiene
Wipe door handle and door plate with disinfectant wipe. Discard wipe and allow 1-minute wet contact time
Wipe supply cart work top with disinfectant wipe. Discard wipe and allow 1-minute wet contact time
Open patient room door and step onto the disinfectant mat on the Primary+ side
Perform glove hygiene
Receive supplies from the Assistant 1Ω
Re-enter patient room

<b>3. Primary+</b>	<b>Considerations</b>
If a red biohazard waste pail brought in for glass/sharps removal, place pail down on the floor near blue drum, remove the lid from the pail	
Organize supplies on a clean work surface	
Ensure the extra outer GREEN gloves are easily accessible while still protected in plastic bag	

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Organize room so the <b>Primary+</b> can clean the spill while being visualized by <b>Monitor</b> ▲	Use top of supply cart for placement of supplies in room
Ensure blue drum can accommodate all spill waste	

4. Primary+	Considerations
<b>REMOVAL OF GLASS/SHARPS FROM SPILL AREA</b>	
<b>Check for broken glass/sharps</b> If present: Ensure red biohazard waste pail is open	<p style="text-align: center;"><b>** IF no glass/sharps present proceed to section 5</b></p> <p>A significant amount of pressure pushing down on rim of lid is required to secure lid on red biohazard waste pail</p>
Use banister brush and carefully sweep glass/sharps into dustpan	
Discard ALL (banister brush and dustpan with contents) into the red biohazard waste pail	
Secure white lid on the red biohazard waste pail by pushing down hard on the rim with palms of hands, working around the entire rim	
Place red biohazard waste pail in blue drum	
Perform glove hygiene	

5. Primary+	Considerations
<b>CONTAIN SPILL AREA AND REMOVE GROSS SOIL/SOAK UP LIQUID</b>	
Cover spill from outside-in with Zorbi® bag inserts	Establish a spill perimeter (contain the spill; immediately put absorbent pads around it, as appropriate)
Layer absorbent pads on top of Zorbi® bag inserts, layering from outside-in	
Working from outside-in, pick up as much of the spill as possible	
Remove and discard soiled Zorbi® bag inserts and absorbent pads in blue drum after spill soaked up	
Repeat as needed until the entire spill has been absorbed	
Check gloves for visible soiling: <ul style="list-style-type: none"> <li>• If <b>NOT</b> soiled: perform glove hygiene</li> <li>• If <b>SOILED</b> <ul style="list-style-type: none"> <li>○ Wipe gloves with disinfectant wipe to remove soiling</li> <li>○ Perform glove hygiene</li> <li>○ Remove outer <b>GREEN</b> gloves with caution; discard into blue drum</li> <li>○ Perform glove hygiene on inner <b>BLUE</b> gloves</li> <li>○ Apply new outer <b>GREEN</b> gloves</li> </ul> </li> </ul>	Avoid touching self or contaminating self with absorbent pads or liquid  Check glove hygiene basin for visible soiling. If soiled go to section 7

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6. Primary+	Considerations
<b>CLEAN SPILL AREA, INCLUDING ALL VISIBLE SOIL</b>	
Cover spill area with an absorbent pad	DO NOT splash or spray disinfectant
Soak absorbent pad in disinfectant solution	
Wipe spill area from outside toward center using soaked absorbent pads	
Discard the soiled absorbent pads in blue drum	
Check gloves for visible soiling: <ul style="list-style-type: none"> <li>• If NOT soiled: perform glove hygiene</li> <li>• If SOILED <ul style="list-style-type: none"> <li>○ Wipe gloves with disinfectant wipe to remove soiling</li> <li>○ Wipe AHP tub with new disinfectant wipe</li> <li>○ Perform glove hygiene</li> <li>○ Remove outer <b>GREEN</b> gloves with caution; discard into blue drum</li> <li>○ Perform glove hygiene on inner <b>BLUE</b> gloves</li> <li>○ Apply new outer <b>GREEN</b> gloves</li> </ul> </li> </ul>	
	Avoid touching yourself or contaminating yourself with pads or liquid
	Ensure clean outer <b>GREEN</b> gloves for disinfection step
	Check glove hygiene basin for visible soiling. If soiled go to section 7

7. Primary+	Considerations
<b>CHECK FOR ANY VISIBLE SOIL AND/OR DEBRIS IN BASIN CONTAINING DISINFECTANT SOLUTION. IF PRESENT:</b>	
Pour disinfectant solution from glove hygiene basin into toilet	Ensure glove hygiene basin is clean before moving on to disinfection step
Wipe basin with disinfectant wipe	
Allow 1-minute wet contact time	
Refill basin with disinfectant solution	
Perform glove hygiene	

8. Primary+	Considerations
<b>DISINFECT SPILL AREA</b>	
Cover spill area again with absorbent pads	Assess disinfectant area. Place dry absorbent pad on any damp areas
Soak absorbent pads in disinfectant solution	
Allow absorbent pads to soak for a minimum of 10 minutes	

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Push soaked absorbent pads from the outside towards the center	
Discard the absorbent pads in blue drum	

9. Primary+	Considerations
<b>CHECK GLOVES FOR VISIBLE SOILING</b>	
Check gloves for visible soiling: <ul style="list-style-type: none"> <li>• If <b>NOT</b> soiled: perform glove hygiene</li> <li>• If SOILED               <ul style="list-style-type: none"> <li>○ Wipe gloves with disinfectant wipe to remove soiling</li> <li>○ Perform glove hygiene</li> <li>○ Remove outer <b>GREEN</b> gloves with caution; discard into blue drum</li> <li>○ Perform glove hygiene on inner <b>BLUE</b> gloves</li> <li>○ Apply new outer <b>GREEN</b> gloves</li> </ul> </li> </ul>	Check glove hygiene basin for visible soiling. If soiled go to section 7

10. Primary+	Considerations
<b>CHECK PPE FOR SOILING</b>	
<b>If SOILED PPE:</b> Remove gross soiling from PPE with disinfectant wipes and dispose in blue drum	Check glove hygiene basin for visible soiling. If soiled go to section 7
Perform glove hygiene	
Remove outer <b>GREEN</b> gloves with caution; discard into blue drum	
Perform glove hygiene on inner <b>BLUE</b> gloves	
Apply new outer <b>GREEN</b> gloves	
If <b>Primary+</b> has gross soiling of PPE, proceed to doffing checklist to change out soiled PPE	Assess if there is a need to introduce a new <b>Primary+</b> for waste removal
If there is <b>NO</b> soiling of PPE and the <b>Primary+</b> is okay to continue on, proceed immediately to the Waste Removal checklist	
Record the incident using the High Consequence Pathogen Incident Log	

## Spill Management

### Banister Brush and Dustpan



### Red Biohazard Pail with Lid

To secure lid on pail: push down on rim with palms of your hands, working around entire rim. A significant amount of pressure pushing down is required to snap the lid on.

