

## Waste Removal (Blue Drum)

### Preamble

During waste management in the patient room, regularly assess the blue drum to determine the need for removal.

Once the blue drum is observed to be 2/3 full, **Primary+** will let **Monitor** ♣ know the blue drum needs to be replaced.

**Monitor** ♣ will record the need for a new drum on the Patient Room Supply Replenishment List and the blue drum will be changed the next time a **Primary+** enters the patient room.

Consider the securement ring originally on blue drum (in patient room) contaminated and keep it in the room. A clean replacement securement ring must be brought in during waste removal (blue drum) process.

Throughout the checklist, IP&C approved disinfectant will be referred to as disinfectant

### PREPARATION:

**Monitor** ♣ to review the following processes and pictured instructions and the end of the checklist with **Primary+** for reference in handling drum and securement ring.

- Removal/attachment of securement ring. Review:
  - Staying clear of pinch points by using splayed hands at 3:00 and 9:00 o'clock position
  - Keeping slow control of spring-loaded arm
  - Once securement ring is in place on top of blue drum, ring may need to be rotated so spring loaded arm is closer to the **Primary+**. This helps the spring-loaded arm to be closed easily.
  - Locking mechanism, which is the top of the securement ring, needs to be engaged after placement and disengaged before removal
- Gooseneck waste bag
  - Carefully gather top of bag only handling outside of bag
  - Twist top of bag without compressing it, and fold top over to resemble a gooseneck
  - Fasten a zip tie around the gooseneck
- Use of dolly
  - Maneuvering dolly
    - Use proper body mechanics
    - Ensuring correct drum and dolly placement allows for movement around items and ability to open patient room door in locked position to deliver drum to anteroom
  - Engaging kickstand
  - Engaging drum lock
  - Ensuring disinfectant mats in anteroom are aligned so wheels contact mat and base of drum is under the mat

## Waste Removal (Blue Drum)

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- Cleaning/disinfecting of drum
  - Use as many wipes as needed and wipe only areas you can reach without contaminating yourself through body contact with the blue drum
  - While the blue drum is in the anteroom for final wipe there will be areas out of reach: avoid body contact
- 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)
- If at any point in the process the Primary+ has soiled scrubs, proceed to the Soiled Scrubs Checklist

### Legend

Primary+
Monitor ♠
Waste Collector ♣
Assistant 1Ω

### Process:

PREPARATION (outside of patient room in hallway)	
1. Primary+	Considerations
Gather supplies (new blue drum set-up) <ul style="list-style-type: none"> <li>• Blue drum - lined with 2 red biomedical waste bags</li> <li>• Securement ring (around blue drum; ensure lever is closed)</li> <li>• Lid (on top of drum, but not locked in with securement ring)</li> <li>• 4 absorbent pads (placed between lid and securement ring)</li> </ul>	Check replenishment list

## Waste Removal (Blue Drum)

### 1. Primary+

PREPARE WORKSPACE		Considerations
Place patient room door in hold open position.	<p>Maneuver blue drum with a rolling motion on the drum base</p> <p>Make sure workspace includes enough room around items to maneuver around for cleaning/ disinfection and for transportation</p>	
Enter patient room with new blue drum set up, close door, and place near observation window		
<p>Place supply cart beside blue drum and disinfect cart with disinfectant wipes. Discard wipes. Allow 1-minute wet contact time. Place supplies already in the room on the cart</p> <ul style="list-style-type: none"> <li>• 2 zip ties</li> <li>• Full bottle of disinfectant solution</li> <li>• Container of absorbent powder</li> <li>• Disinfectant wipes</li> </ul>		
PREPARE BLUE DRUM		Considerations
<p>Remove contaminated securement ring</p> <ul style="list-style-type: none"> <li>• <b>Monitor</b> ♠ reminds <b>Primary+</b> to avoid pinch points</li> <li>• Disengage lock on securement ring</li> <li>• Place hands at 3:00 and 9:00 o'clock with hands splayed</li> <li>• Grasp lever and open it fully</li> <li>• Remove 'contaminated' securement ring</li> <li>• Place securement ring on floor, leaning up against a wall away from the area where the clean blue drum is placed</li> </ul>	<p>The securement ring from the 'old drum' is considered 'contaminated' remains in the room</p>	
Perform glove hygiene		
PREPARE INNER WASTE BAG		Considerations
Ensure zip tie is within reach	<p>Absorbent powder will solidify all the free liquid poured into blue drum</p>	
Gather top of inner waste bag handling outside without compressing bag		
Twist top of bag and create gooseneck		
Secure gooseneck with zip tie		
Check gooseneck for any tearing from zip tie		
Perform glove hygiene		
Place used wipe on hand hygiene table		
<p>Slowly pour ½ bottle of disinfectant solution into blue drum</p> <ul style="list-style-type: none"> <li>• Distribute over goose necked bag to ensure surface contact, allowing solution to drain to bottom of drum</li> <li>• Place ½ empty bottle on supply cart</li> </ul>		

## Waste Removal (Blue Drum)

### PREPARE OUTER WASTE BAG

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|--|
| Gather top of outer waste bag handling only outside without compressing bag  |
| Twist top of bag and create gooseneck  |
| Secure gooseneck with zip tie  |
| Check gooseneck for any tearing from zip tie   |
| Perform glove hygiene  |
| Place used wipe on hand hygiene table  |
| Slowly pour ½ bottle of disinfectant solution into blue drum <ul style="list-style-type: none"> <li>Distribute over goose necked bag to ensure surface contact, allowing solution to drain to bottom of blue drum</li> </ul> |
| Place empty bottle on supply cart  |
| Allow 1-minute contact time  |
| Pour entire container (1 litre) of absorbent powder in blue drum. Place empty container onto supply cart   |
| Perform glove hygiene  |

### SEAL BLUE DRUM

### Considerations

- |  |
|--|
| Transfer 'clean' lid from the new blue drum to the full drum and press down firmly to fully seat lid on drum   |
| Place 4 new absorbent pads on supply cart for later use  |
| Transfer clean securement ring from clean drum to full drum and hold it with locking mechanism on the top side <ul style="list-style-type: none"> <li>Using 3:00 and 9:00 o'clock hand placement on ring, grasp lever on one hand while non-lever hand is splayed</li> <li>Open securement ring with the lever and carefully place around rim of blue drum then slowly releasing lever to close</li> <li>Ensure securement ring is correctly placed around entire rim and lid of blue drum</li> <li>With a splayed hand on the lever push lever with palm of hand until it snaps closed</li> <li>Engage locking mechanism</li> </ul> |
| Place contaminated securement ring onto the new blue drum  |
| Perform glove hygiene and discard wipes in new blue drum   |

Securement ring may need to be rotated so spring loaded arm is closer to the **Primary+**. This helps the spring-loaded arm to be closed easily.

## Waste Removal (Blue Drum)

DISINFECT OUTSIDE OF FULL DRUM		Considerations
Move bedside supply cart to allow enough space to maneuver dolly and blue drum		<p><b>Primary+</b> will need to continually move around the blue drum to disinfect surfaces to avoid body contact with the blue drum</p>
Ensure there is adequate room around full drum for disinfection. <b>Do not make body contact with blue drum</b>		
Using as many disinfectant wipes as needed, wipe entire blue drum from top to bottom. Allow 1-minute wet contact time		
Perform glove hygiene		
PREPARE DOLLY		Considerations
Retrieve dolly from the shower room		<p>Remind <b>Primary+</b> the <b>Monitor</b> is unable to observe breaches. Use caution during movements.</p>
Position dolly within proximity of blue drum with enough room to walk around dolly		
Place dolly in stand position and engage kickstand		
Wipe down dolly from top to bottom using as many disinfectant wipes as needed; allow 1-minute wet contact time		
Perform glove hygiene		
LOAD BLUE DRUM ONTO DOLLY		Considerations
Move dolly toward blue drum. When feet of the dolly are against the bottom of the drum, tilt dolly forward and engage drum lock		
Lean dolly back to allow drum to be seated in dolly		
Collect absorbent mats off the floor, dispose in blue drum		
Perform glove hygiene		
Wipe bottom of blue drum using as many disinfectant wipes as needed		
Perform glove hygiene		
Wipe down door handle and face plate to anteroom using as many disinfectant wipes as needed. Allow 1-minute wet contact time		
Perform glove hygiene		

## Waste Removal (Blue Drum)

### 2. Assistant 1Ω

PREPARE ANTEROOM		Considerations
Don Assistant 1Ω PPE	Enter anteroom	Patient room door and anteroom door <b>CANNOT</b> be open at the same time. Assistant Ω must be in anteroom before Primary+ opens patient room door

### 3. Primary+

REMOVE BLUE DRUM FROM ROOM		Considerations
Open patient room door fully to engage hold position		
Instruct Primary+ to freeze until Monitor ▲ can move to anteroom door to maintain visualization		
Roll dolly with full blue drum towards anteroom. Align wheels so the blue drum will be on disinfectant mat when dolly is placed upright		
Place dolly in stand position <ul style="list-style-type: none"> <li>Engage kickstand</li> <li>Do not disengage drum lock</li> <li>Ensure base of blue drum is situated on disinfectant mat</li> </ul>		

### 4. Assistant 1Ω

DISINFECT BLUE DRUM		Considerations
Using as many disinfectant wipes as needed, wipe only reachable areas of drum, including lid and securement ring, from top to bottom <ul style="list-style-type: none"> <li>Assistant 1Ω can move between both mats on the Assistant 1Ω side of anteroom as necessary to facilitate wiping process</li> </ul>	Assistant 1Ω and Primary+ will not be able to access all parts of drum. Do not have body contact with drum	
Perform glove hygiene		
Move to secondary disinfectant mat		

## Waste Removal (Blue Drum)

<b>CONCURRENT WITH STEP 7</b>	<b>5. Waste Collector ♣</b>	
		Don gown, gloves and face shield
		Gather supplies <ul style="list-style-type: none"> <li>2 absorbent pads</li> <li>Bottle of disinfectant solution</li> </ul>

<b>CONCURRENT WITH STEP 6</b>	<b>6. Primary+</b>	
	<b>REMOVING DOLLY</b>	<b>Considerations</b>
	Disengage kickstand	Ensure wheels of dolly contact disinfectant mat when rolling
	Stay on <b>Primary+</b> side of anteroom at all times	
	Move dolly toward <b>Assistant 1Ω</b> side of anteroom so when dolly is in standing position, base of blue drum is situated on <b>Assistant 1Ω</b> disinfectant mat	
	Place dolly in stand position	
	Tilt dolly forward slightly	
	Disengage drum lock to release drum onto <b>Assistant 1Ω</b> disinfectant mat	Remind <b>Primary+</b> the <b>Monitor♣</b> is unable to observe breaches. Use caution during movements.
	Leave door to patient room open	
	Return dolly to storage spot in patient room	
	Perform glove hygiene	
	Enter anteroom staying on <b>Primary+</b> side	
	Close patient room door using the green wall button in anteroom	
	Perform glove hygiene	
Using as many disinfectant wipes as needed, wipe down side of drum the <b>Assistant 1Ω</b> was not able to reach from top to bottom		
Perform glove hygiene		
Enter patient room, close door and wait for direction		

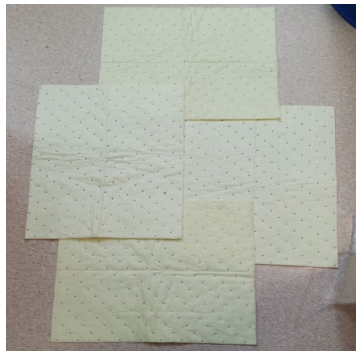
## Waste Removal (Blue Drum)

7. Monitor ♣		Considerations
	Open anteroom door	
	Hold door open staying behind it, or 2 metres away from <b>Waste Collector ♣</b> and blue drum	

8. Waste Collector ♣		Considerations
	Place 2 absorbent pads on floor in front of anteroom door (in hall). Saturate with disinfectant solution	
	Do not step over anteroom threshold at any time	
	Roll collection dolly so wheels contact absorbent pads on the floor in the hall	
	Move dolly towards blue drum	
	When feet of the dolly are against the bottom of the drum, tilt dolly forward and engage drum lock	
	Lean dolly back to allow drum to be seated in dolly Wheel dolly out ensuring wheels contact absorbent pads on the floor in the hall	

9. Monitor ♣		Considerations
	Close anteroom door	
	Direct <b>Primary+</b> to prepare new drum	
	Proceed accordingly with <b>Assistant 1Ω</b> participating in doffing process. <b>Assistant 1Ω</b> may need to doff if <b>Primary+</b> remains in room	

10. Assistant 1Ω		Considerations
	Remain in anteroom until <b>Primary+</b> is ready to exit and assist with doffing OR proceed to Doffing Assistant PPE	

11. Primary+		Considerations
<b>PREPARE NEW BLUE DRUM</b>		
	Place 4 new absorbent pads on floor	
	Saturate absorbent pads with disinfectant solution	
	Roll drum along its base onto saturated pads	
	Perform glove hygiene	
	Return supply cart to its original location	
	Indicate either intention to doff or remain in the patient room and provide care. Proceed accordingly	



## Waste Removal (Blue Drum)

### REPLACEMENT OF SECUREMENT RING AND DRUM LID

1. Place lid on drum.  
Press down firmly in center of lid to fully seat the lid on the drum.



2. Pick up the securement ring by grasping the lever in your left hand and placing the palm of your right hand on the outside of the ring, opposite the lever (at 9 and 3 o'clock respectively).



3. Ensure fingers are free of pinch points and open the lever fully, holding it open under tension.



4. Position the securement ring around the lid, seating the lid, seating the lever side firmly against the lid.



Seat firmly against lid

## Waste Removal (Blue Drum)

5. Ensure fingers of right hand are splayed out, and slowly release lever, allowing the securement ring to tighten onto the drum lid.



6. Ensure the securement ring is uniformly seated around both the drum lid and the rim of the drum.



7. Using your opened palm of the left hand (**with fingers splayed out**), firmly press the lever closed until it snaps into the closed position.



8. Engage safety lock on the lever.



## Waste Removal (Blue Drum)

### REMOVAL OF SECUREMENT RING AND DRUM LID

1. Stand facing the drum with the opening levers to the left side and at the 9 o'clock position.



Lever to left side at 9 o'clock position

2. Release the safety lock on the lever.



3. Pull open lever.



Watch pinch points

4. Grasp lever with your left hand with an overhand grip, keeping fingers away from pinch points.



## Waste Removal (Blue Drum)

### REMOVAL OF SECUREMENT RING AND DRUM LID

5. Place palm of right hand (with fingers splayed out) on outside of securement ring, opposite the lever.



**Caution!** Pinch point under securement ring. Keep fingers splayed out.

6. Pull lever fully open and lift securement ring off of the drum (in the open position, the lever will be under tension and must be held in the fully opened position).



7. Slowly release lever back to its neutral position.

8. Place the securement ring in designated area.

9. Remove drum lid and place in designated area.



## Waste Removal (Blue Drum)

### Gooseneck:

