

Standard Work: SPU – Waste Handling	Author: Marcus Taylor / Mallory Davis / Brenna Hogan Revision Date: 3/5/25
Purpose: To ensure waste is properly handled	Value Stream: Special Pathogen Unit (SPU) The Corewell Health Special Pathogen Unit is located on 9C at Butterworth.

Seq. No	Task Description:	Key Point / Image / Measure (what good looks like)	Who	Cycle Time mm:ss
1.	Identify appropriate team members assisting with waste handling: 1) Inside-room SPU team member 2) Outside-room SPU team member 3) Hot Zone Boss	If possible, outside-room SPU team member should not be involved in patient care during this process	Special Pathogens Response Team	
2.	Inside-room SPU team member to package all solid waste inside patient's room.	All those handling waste prior to it being in the sealed 55-gallon drum are to be in appropriate personal protective equipment (PPE) as defined by Infection Prevention (IP).	Inside-room SPU team member	
3.	Confirm complete Daniels Ebola Kit is present in adjacent empty room. If additional Ebola Kit is needed, contact EVS	The kit includes: <ul style="list-style-type: none"> • 55-gallon drum • Package of absorbent • Red plastic inner liners • Bag ties • Labels • EPA registered disinfectant 	Outside-room SPU team member or delegate	
4.	With Hot Zone Boss observing for appropriate technique, outside-room SPU team member to don appropriate PPE	Appropriate PPE to be defined by IP.	Hot Zone Boss, outside-room SPU team member	
5.	Move empty Daniels Ebola Kit to the anteroom of the occupied space where waste is to be disposed from.	Ebola Kit must be in Green Zone.	Outside-room SPU team member	
6.	If space allows, organize contents of the Daniels Ebola Kit on a counter/flat surface	This optional step may help the outside-room team member grab supplies as needed	Outside-room SPU team member	
7.	Give "Infectious Substance", "UN 2814", and "Package Orientation Arrows" labels to Hot Zone Boss	Labels are to be put aside to avoid contamination during the packaging of waste	Outside-room SPU team member	

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8.	Dispense absorbent powder into the base of the 55-gallon drum		Outside-room SPU team member	
9.	Inside-room SPU team member to place packaged solid waste into red plastic inner liner being held open by outside-room SPU team member		Inside-room and outside-room SPU team members	
10.	Seal the red plastic inner liner utilizing a plastic liner bag tie		Outside-room SPU team member	
11.	Spray the exterior surface of the red plastic liner with EPA registered disinfectant	Hot Zone Boss to ensure appropriate contact times followed according to the EPA registered disinfectant	Hot Zone Boss, outside-room SPU team member	
12.	Place the first red plastic liner inside a second red plastic inner liner to ensure the waste is double bagged		Outside-room SPU team member	
13.	Seal the second red plastic liner with a plastic liner bag tie		Outside-room SPU team member	
14.	Spray the exterior surface of the second red plastic liner with EPA registered disinfectant	Hot Zone Boss to ensure appropriate contact times followed according to the EPA registered disinfectant	Hot Zone Boss, outside-room SPU team member	
15.	Place the waste contained in second red plastic liner into the 55-gallon drum		Outside-room SPU team member	
16.	Place the lid on the 55-gallon drum		Outside-room SPU team member	
17.	Secure the lid to the 55-gallon drum with the locking ring, ensuring locking ring is tight and secure.		Outside-room SPU team member	

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18.	Spray the outside of the 55-gallon drum with EPA registered disinfectant	Hot Zone Boss to ensure appropriate contact times followed according to the EPA registered disinfectant	Hot Zone Boss, outside-room SPU team member	
19.	With Hot Zone Boss observing for appropriate technique, outside-room SPU team member to doff PPE	Doffed PPE to be placed in appropriate trash receptacle within anteroom.	Hot Zone Boss, outside-room SPU team member	
20.	With outside-room SPU team member observing for appropriate technique, Hot Zone Boss to doff PPE	Doffed PPE to be placed in appropriate trash receptacle within anteroom.	Hot Zone Boss, outside-room SPU team member	
At this time, the exterior of the Daniels Ebola Kit is considered clean, and PPE is no longer required to handle.				
21.	Move the 55-gallon drum directly outside of the anteroom to the clean hallway		Outside-room SPU team member	
22.	Affix “Infectious Substance”, “UN 2814”, and “Package Orientation Arrows” labels on the exterior of the 55-gallon drum.	Labels shall be displayed next to each other, within 6 inches of one another.	Outside-room SPU team member	
23.	Move the 55-gallon drum to the outside of the unit for pick-up			
24.	Transport the 55-gallon drum from outside of the unit to the A-level storage room (A405)		EVS Waste handler	

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Ebola Packaging Kit Instructions



The Ebola kit will be delivered with the following components:

	1x PGII Certified 55 Gallon Poly Drum		1x Package of absorbent		1x Spray bottle of EPA Registered disinfectant
	2x Red plastic inner liners <small>that meet the standard for thickness, tear resistance, and puncture resistance.</small>		3x Bag ties		3x Labels for poly drum: - Infection Substance Label - UN2814 Label - Package Orientation Arrows Label

Packaging for waste contaminated with or suspected of being contaminated with Ebola must be packaged according to the method described below:

1. Notify care@danielshealth.com (CC your Daniels Health Account Manager) of suspected or confirmed patient with Ebola.
2. Tip absorbent into the base of the 55 gallon drum.
3. Place the waste into the red plastic inner liner.
4. Seal the bag utilizing the liner bag tie.
5. Spray the exterior surface of the liner with disinfectant.
6. Place the liner inside a second red plastic inner liner to ensure waste is 'double bagged'.
7. Seal the second liner with a plastic bag tie.
8. Spray the outside of the second liner with disinfectant.
9. Place the waste contained in the liners into the 55 gallon drum.
10. Place the lid on the 55-gallon drum.
11. Secure the lid to the drum with the locking ring, ensuring locking ring is tight and secure.
12. Spray the outside of the drum with disinfectant, ensuring to spray all surface areas.
13. Affix "Infectious Substance", "UN 2814" and "Package Orientation Arrows" Labels on the exterior of the drum. Labels shall be displayed next to each other, within 6 inches of one another.
14. Remove drum and place in the appropriate designated storage location.
15. Contact care@danielshealth.com (CC your Daniels Health Account Manager) to schedule a collection of the drum(s).

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