



POLICIES AND PROCEDURES MANUAL

System Department

Supersedes:

Biocontainment Unit

Section:

Subject: Containment Wrap Guidelines

Number: 1051

Attachments:

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Containment Wrap Guidelines

Policy:

When transporting a patient with a highly hazardous communicable disease to the Nebraska Biocontainment Unit (NBU), if the patient is not in an Isopod, he/she will be placed in a containment wrap.

Purpose:

To provide guidelines for the use of a containment wrap during intra-facility transport; or direct admission from the emergency department to the Nebraska Biocontainment Unit (NBU).

PROCEDURE

Personnel Required

1. 2 ED staff
2. 2 NBU staff
3. 1 observer

Equipment Required

1. Transportation cart if ambulance transport
2. Fitted sheet
3. Flat sheet
4. Large surgical drape
5. Hand sanitizer
6. Autoclave bag
7. Emesis bag
8. 2 surgical masks
9. Patient slide board
10. Spill kit
11. NBU EVS cart
12. PPE as designated by NBU Leadership
13. Extra gloves – at least 4 pairs

Nebraska Medicine Security

1. Consult with NBU leadership to determine transport route
2. Secure patient transport route within hospital
3. Fire key the patient transport elevator(s)
4. Instruct all occupied areas within the transport route to keep all doors leading to the transport route closed until notified the NBU patient transport is complete

Preparing the Transfer Location

ED Room

1. If transfer from the emergency department, the NBU team will transport the patient from the ED to the NBU. The transfer will occur from the designated ED room out into the hallway.
 - a. Prior to the NBU team arrival, the floor immediately outside the patient care room is to be cleaned and disinfected
 - b. The external surface of the patient care room door and frame is to be cleaned and disinfected.
 - c. NBU staff will position the bed head first towards the door and prepare for the patient transfer, feet first to the NBU bed.
 - d. The patient care room will be the dirty side. The disinfected outside will be the clean side.

Preparing the Patient for Transfer

1. ED personnel will prepare the patient by wrapping a clean sheet around the patient containing their body to facilitate the transfer.
2. ED personnel will place a surgical mask over the patient's mouth and nose prior to leaving the ambulance or ED.

Preparing the NBU Patient Cart

1. Place fitted sheet on the cart.
2. Lay open flat sheet on top of fitted sheet.
3. Place opened surgical drape on top with the internal surface facing up and with the excess overflowing the foot of the bed or cart – ensuring there is enough at the patient head to wrap around the head – but not the face.
4. Place 2 surgical masks on top
5. Place an autoclave bag under the fitted sheet to collect any waste.
6. Place the hand sanitizer under the fitted sheet.
7. Place patient slider board on top of surgical drape.
8. Take NBU bed or cart to the transfer location when ready for transfer.

Transferring patient to NBU Cart

3. NBU staff will communicate transfer directions with ED personnel.
 - a. ED staff will assist with the transfer from the dirty side. NBU staff will assist from the clean side.
 - b. ED personnel will position the gurney or patient bed approximately 6 inches from the transfer line or patient room door threshold and remain within the dirty zone and apply brakes.
 - c. NBU staff will position the NBU cart approximately 6 inches from the transfer line or patient room door threshold and remain within the clean zone and apply brakes.
 - d. NBU staff position the slider by having the ED personnel raise the patient's legs to place one end of a patient slider board towards the top of their thighs and the other end to create a bridge to the NBU cart or bed.
 - i. During the transfer, care must be taken to not disturb the surgical drape

- ii. NBU staff will assist with the transfer to the NBU cart, keeping from crossing into the dirty zone.
4. Once the NBU staff indicate transfer is complete ED staff will pull the patient slide board to the dirty gurney or bed and move away from the transfer zone.
 - a. ED staff will close the room door
5. NBU staff will:
 - a. Remove their aprons placing them in the autoclave bag
 - b. Perform hand hygiene, remove and change external gloves.

Performing the Containment Wrap

1. NBU staff will touch only the external surface of the surgical drape and follow this sequence:
 - a. Ensure patient has a surgical mask over their mouth and nose.
 - b. Pull bottom portion up over feet.
 - c. Pull one side up to cover patient.
 - d. Pull the other side up to overlap the other side.
 - e. Place emesis bag on top.
 - f. Raise side rails.

Transferring Patient to the NBU

1. Once patient containment is complete:
 - a. Notify security when ready to begin transfer to the NBU
 - b. Observer will call the NBU to notify them that transfer is in progress.
 - c. Observer will monitor for potential contamination events.
2. NBU leadership will position staff to open doors. Those 2 staff members will then re-enter the NBU through the staff entrance.

Transferring the Patient into the NBU and into the patient room

1. NBU health care workers (HCW) in designated PPE will push cart into vestibule and allow the outer doors to close.
2. NBU HCWs will each use a disinfectant wipe to open the inside vestibule doors.
3. The Doffing Partner (DP) in designated PPE will assist with pulling the NBU cart into the unit as the HCWs push it into the unit.
4. DP enters patient room first, standing behind the door while holding it open for the cart.
5. Position cart away from the patient's bed.
6. Remove the footboard and headboard from the bed. The bed has no linen on it at this time. Flat sheet remains under patient.
7. HCWs and DP don aprons.
8. Place slide board under flat sheet under patient part way.
9. Move cart next to bed and using slide board as bridge between cart and bed, slide patient halfway onto bed using the flat sheet under the patient. HCWs are positioned at the head and foot of the bed. DP removes apron, performs hand hygiene, dons clean gloves then leaves room.
10. Slide patient rest of way onto bed. HCW pulls slide board out and places on top of cart for later cleaning.

11. Leave patient on the flat sheet and HCWs unwrap and fold containment wrap in and under patient.
12. Carefully turn patient and remove containment wrap and dispose of in autoclave bag lined trash can.
13. Remove aprons and dispose of.

Department Approval

Signed | s |: Kate Boulter
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Administrative Approval

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