LEVEL 2 DONNING

Indications:

- Clinically unstable (e.g., vital signs instability); or
- May require invasive or aerosol-generating procedures (e.g., intubation, suctioning, active resuscitation); *or*
- "Wet" symptoms (e.g., bleeding, vomiting, or diarrhea); *or*
- Confirmed viral hemorrhagic fever disease

The healthcare worker (HCW) who will care for the patient:

- Will wear surgical or disposable scrubs (shirt tucked in) and washable/wipeable footwear
  Will pre-hydrate and use the restroom prior to donning
  Appropriately secure hair low and tight so that it is off the neck and back, and out of eyes/face
  Remove all personal items including jewelry, ID badge, cell phone, pens, watches and other loose items
- Secure glasses, if needed
- Verbally acknowledges each command given by observer

The trained observer (must be present):

- Does not need PPE during the DONNING process
- Reads the steps aloud to the HCW in a step-by-step fashion during the donning process
- Visually confirms that all PPE is donned correctly
- Ensures that all skin, hair, and clothing is covered

Supplies Needed:

- Alcohol-based Hand Rub
- **Powered air-purifying respirator (PAPR)** with shroud hood design that extends to shoulders and covers neck
- Single-use **coverall**
- Single-use **outer apron**
- Single-use **boot covers** extending to at least mid-calf
- **Inner standard gloves**
- **Outer extended cuff gloves** (must fit over inner gloves so may need size up)
- **Cleanable Stool** for donning coverall & boot covers
- Scissors

Prior to donning:	**Verified**
1. INSPECT: The trained observer and the HCW will visually inspect all PPE and supplies. **a.** Unfold each item and visually inspect to ensure all required equipment is available AND that there are no rips or tears. Ensure the apron is a proper length; if adjustment is needed for a shorter length, trim the apron as necessary.	☐
2. PREPARE PAPR HELMET (1), FILTER CARTRIDGE (2), FILTER COVER CAP (3), LENS, SHROUD  **a.** Review the MaxAir PAPR training video (accessible using the QR code). **b.** Ensure the Velcro is covered inside the PAPR helmet with provided foam pieces. **c.** Assemble the helmet to the filter cover cap (FCC) if not already preassembled **d.** Ensure the lens is facing the front of the helmet with the cuff facing towards the rear. **e.** Press the central lens mounting hole over central FCC mounting clip. Press the lens side hole through the side mounting post and repeat with the opposite side. A slight audible click should be heard upon attaching the lens to the side mounting posts. **f.** Gently pull the cuff and flappers away from the lens.	☐

g. Pull the front shroud top fabric up over the front central clip and tuck it under the FCC bottom edge all around the FCC. **h.** Hold the helmet securely then grab the shroud's rear pull tab up and over the helmet. Continue to pull the shroud over and down to the back of the helmet. **i.** Use the pull tab to position the shroud rear snap and connect it to the FCC rear snap. **j.** Securely snap rear right and left side shroud snaps to their respective snaps on the FCC. **k.** Connect the power cord to the battery and confirm the battery has full power (3 green lights), then disconnect the battery. i. If the battery is not fully charged, obtain another battery and connect to device to confirm fully charged before proceeding.	
3. REVIEW: The trained observer will review the donning sequence with the HCW by reading all steps aloud prior to donning.	□
Donning sequence: *Observer Reads Aloud*	
1. HAND HYGIENE: Use hand sanitizer. Allow hands to dry.	□
2. DON BOOT COVERS: Sit in the chair. Don the boot covers. Secure the ankle strap. Make sure that all areas of the shoes are covered, and the cover is snug over the ankle & calf. Try not to touch the floor or other surfaces. If you do, perform hand hygiene prior to putting on inner gloves.	□
3. PUT ON INNER STANDARD GLOVES: Ensure glove cuffs as far up arm as possible. This does not need to be done in sterile fashion.	□
4. PUT ON PAPR BATTERY BELT: Attach the black waist belt. Ensure it fits snuggly around the waist and that any loose ends of the belt are tightly secured. Clip a fully charged battery pack to belt. Adjust so battery pack sits behind the right hip to optimize the position of the cord from the helmet.	□
1. DON THE COVERALL: You may use the stool/chair if necessary. Unzip the coverall and don to waist level with the zipper in the front.	□
2. DON THE ASSEMBLED PAPR HELMET AND SHROUD: **a.** Position the power cord over the right shoulder and down the back to the battery. Push the power cord connector into the battery receptacle until you hear an audible click. **b.** Loosen the ratchet adjustment nob on the back of the helmet counterclockwise to ensure the helmet will easily fit over the head. **c.** Hold the helmet in one hand then place two fingers into the cuff and pull it down. **d.** Place the chin between the cuff and front lens, then pull the helmet over and down onto the head. **e.** Slide your fingers between the cuff and face to properly position the cuff edges near the front of the neck. **f.** Ensure helmet is straight and positioned a half inch above eyebrows. Tighten the helmet using the ratchet dial. The safety LED lights should be clearly visible in the central upper position in your peripheral vision. **g.** Pull down the shroud all around. Observer may assist in bringing shroud down around shoulders (gentle tugging rear of shroud may be needed).	□
3. FINISH DONNING THE COVERALL: Pull the cuff of the coverall over the internal gloves. Secure the cuffs with the thumb and finger loops. **a.** Observer will zip the coverall and secure the Velcro at the top and remove the tab adhesive to cover the zipper. **b.** Observer will ensure the shroud is outside of the coverall.	□
4. TIE THE SHROUD NECK AND BODY TIES:	□

a. Pull the neck tie to within ½ inch of the neck, then tie it securely **b.** Feed the body ties through the front hood shroud slits. Pull them snuggly around the body and tie them securely.	
5. PUT ON OUTER EXTENDED CUFF GLOVES: Don each glove. Observer assists by pulling the cuffs over the sleeves of the gown as far up the arm as possible. Monitor for tears in the gloves.	□
6. DON THE APRON	□
7. VERIFY: Observer verifies integrity of the PPE ensemble by having the person go through a range of motions including bending down at the waist, extending arms from side to side. **a. Extend arms fully overhead:** The observer checks to ensure that the sleeves do not slide down, exposing the inner gloves or wrist skin. **b. Extend arms completely to the sides:** Spread arms out horizontally. The observer checks for binding or excessive tension that could rip the seams of the coverall**.** **c. Bend forward at the waist:** Bow forward significantly. The observer inspects the back, lower torso, and legs to confirm that the suit does not pull tight enough to tear or separate. **d. Squat or bend the knees slightly:** Squat to simulate reaching for low patient monitors or supplies. The observer verifies that boot/shoe covers stay secure and do not drag or become tripping hazards. **e. Look fully up, down and side-to-side:** Move the head through its complete range. The observer ensures that the PAPR hood remains anchored, does not break seals and preserves an uncompromised, unobstructed field of vision.	□