

VAGLAHS ED PPE DONNING AND DOFFING WITH POWERED AIR-PURIFYING RESPIRATOR (PAPR)

(for suspected/confirmed cases needing intubation)

Updated 03/20/2020

DONNING

PPE Equipment List

1. One inner pair nitrile gloves
2. One outer pair nitrile gloves
3. One 3M Powered Air-Purifying Respirator (PAPR) + battery pack
4. One single use PAPR hood
5. One bouffant cap
6. One yellow disposable Isolation gown
7. One blue disposable procedure gown
8. Alcohol-based hand rub (ABHR)-hand sanitizer
9. Two biohazard disposal bags (one to dispose of your PPE, the other to place PAPR gear for cleaning)
10. One Chuck to place PAPR hood on during doffing

Prior to 3M PAPR use: check battery + filter mechanism

1. Battery – push test button to check battery life. All 5 green lights = full. Total battery life 8-12 hrs.
2. Attach battery to filter unit.
3. Make sure filter is inside the filter unit (check for purple stripe in window of filter unit).
4. Power on.
5. Attach the flowmeter to the filter unit (red ball should float above black line if working correctly)
6. Detach flowmeter and manually block airflow with your hand - wait for the alarm to sound and check for the red fan alert light. This double-checks that your filter alert is working should a problem with the filter arise.
7. Ready to use.

Roles

- **Staff A** – Person(s) wearing the PAPR and going into the patient room to perform intubation
- **Buddy** – A second staff member who will wear N95/gown, trained in donning/doffing PPE to assist Staff A with donning/doffing and to check PAPR function before use. The Buddy's role is to be an active assistant and be ready to enter the room in case of an emergency.

Note: All PPE will be stored in airway cart outside the isolation room. Don all PPE prior to entering the isolation room.

PPE Donning Procedures:

Staff A follows the protocol below for donning. Buddy will ensure adherence to PPE Donning Procedure, and while Staff A performs steps 1-5 should check the PAPR function per protocol on page 1. Verify both donning and doffing equipment is available prior to starting process.	
1. Remove all personal belongings (jewelry, watches, phones, etc.).	
2. Make sure long hair is tied.	
3. Inspect PPE prior to donning- look for any tears or physical damage on the PAPR unit, hood, gear	
4. Don shoe covers and bouffant cap.	
5. Perform hand hygiene with alcohol-based hand rub (ABHR). When using ABHR, allow hands to dry before moving to next step.	
6. Don yellow isolation gown with buddy (always inspect gown prior to donning). Buddy helps tie neck and waist strings in the back.	
7. Don inner nitrile gloves	
8. Don PAPR filter unit. Have buddy help with holding the unit and tie the straps around waist.	
9. Don single-use PAPR hood. Buddy attaches breathing tube to the filter unit and hood. Turn on PAPR.	
10. Don blue procedure gown. Buddy helps secure gown loosely in back beneath PAPR filter unit.	
11. Don outer nitrile gloves. Gloves should go over the gown sleeves.	
12. Buddy performs final check-over to ensure coverage of all areas before entering isolation room.	
13. Enter Isolation Room, carrying medications and needed intubation materials.	

DOFFING

PPE Doffing Procedures:

Equipment:

1. Two extra-large red biohazard bags and
2. GLA approved Germicidal Wipe (Clorox Healthcare Germicidal Wipe, Dispatch Hospital Cleaner Disinfectant Towels with Bleach, Sani-Cloth AF3 Wipes) or Alcohol Based Hand Rub (ABHR)- hand sanitizer

Doffing requires two staff members: Staff A and Buddy. The Buddy's role is to be an active assistant.	
1. Staff A inspects PPE prior to leaving isolation room to assess for visible contamination, cuts, or tears. IF you see any obvious soil or contaminant, please cleanse with germicidal wipe prior to coming out of the room.	
2. Near exit of room, doff shoe covers and place in trash disposal in the room (ideally a biohazard container).	
3. Doff outer gloves and outer gown (inside out). Do this slowly and carefully to avoid tearing or contaminating the inner glove.	
4. Exit isolation room and stand in red biohazard bag.	
5. Staff A unclips filter unit from waist. Buddy removes filter unit and breathing tube, turns off and places in separate biohazard bag.	
6. Staff A removes PAPR hood by bending forward and pulling the tab by the chin area, pulling the hood forward and off the head and place into the red biohazard bag and taking care not to touch the face. Place hood on clean Chuck to be wiped down after doffing if you want to keep your hood (recommended). If you want to throw it away, place in biohazard back.	
7. Remove inner yellow gown slowly and carefully with inner gloves (inside out).	
8. Step out of biohazard bag. Both staff A and buddy disinfect hands with hand sanitizer.	
9. Staff A applies new gloves then removes bouffant cap. Do this carefully and slowly without touching any exposed skin. Discard bouffant cap and gloves in biohazard.	
10. Perform hand hygiene with GLA approved germicidal wipe or hand sanitizer	