



## **Carbondale & Rural Fire Protection District COVID-19 Guidelines for PPE Donning & Doffing of the Maxair Systems 2000-700 PAPR with Cuff**

### **Purpose and General information:**

The purpose of this SOG is to provide guidelines for proper donning of the Maxair Systems 2000-700 PAPR with Cuff. This guideline also covers post response doffing procedures and decontamination of the PAPR device.

### **Note:**

A major concern for the Carbondale and Rural Fire Protection District is our continuity of operations. If our crews become infected there is a possibility they may be quarantined and out of service for fourteen days or more. **Ensuring personnel are properly isolating themselves from COVID-19 greatly reduces the risk of possible infection.**

### **Indication for PAPR employment:**

- CPR and any aerosol generating procedures will require use of PAPR

The ONLY PPE used during CPR and any aerosol generating procedures:

- PAPR
- Disposable gloves
- Disposable gown

**Be Fastidious about PPE!**



## **Donning Personal Protective Equipment (PPE): Maxair Systems 2000-700 PAPR /w Cuff**

**\*Use another provider to ensure PAPR has been donned correctly\***

1. Gown
  - Fully cover torso from neck to knees, arms to end of wrists, and wrap round the back.
  - Fasten gown in back of neck and waist.
2. PAPR
  - Clip PAPR Battery to belt/waist pocket.
  - Inspect PAPR cuff for tears.
  - DON PAPR by pulling down slightly on front neck cuff while holding ratchet and Roll PAPR over head from front to back. Ears will be outside cuff.
  - Tighten ratchet clockwise.
  - Plug in PAPR to battery with quarter twist ensuring cord routed behind your back and not pulling on gown.
  - Verify PAPR lights visible, airflow, cuff fit, with cord behind back.
3. Gloves
  - Extend gloves over the wrist portion of the isolation gown.
  - Ensure the cuff of the gown is tucked properly into glove.
  - Ensure there is no visible skin.



## **Doffing Personal Protective Equipment (PPE): Maxair Systems 2000-700 PAPR /w Cuff**

**Example 1:** (predominately performed without assistance from another provider.)

1. Gown and Gloves
  - Touching the outside of the gown only with gloved hands, grasp the gown in the front and pull away from your body so that the ties break.
  - While removing the gown, fold or roll the gown inside-out into a bundle.
  - As the gown is being removed peel off the gloves at the same time only touching the inside of the gloves and gown with bare hands. Immediately place contaminated gown and gloves into biohazard container.
  - Wash hands with hand sanitizer.
2. PAPR
  - DON new gloves.
  - Second provider wipes battery pack, belt, belt buckles with alcohol wipes. Disconnect battery pack.
  - Unclip battery from clothing, unplug, and place on counter.
  - Second provider will use 70% isopropyl alcohol wipes to sanitize cuff area around contaminated person.
  - Twist PAPR ratchet knob counter-clockwise.
  - With clean gloves, lean forward and PULL down on front of PAPR neck cuff then PUSH up on ratchet to roll PAPR forward to DOFF and place in container for decontamination.
3. **Wash hands or use an alcohol-based hand sanitizer immediately after removing all PPE.**



## Disinfecting PAPR

### Note:

**\*Avoid using bleach/Cavi 1 wipes on PAPR due to degradation to equipment caused by chemicals used in these cleaning products\***

- Don new gloves.
- Again, wipe battery pack, belt, belt buckles with alcohol wipes.
- Thoroughly wipe inside and outside of PAPR with alcohol wipes.
- Remove PAPR cuff and continue to wipe with alcohol to ensure thoroughness of decontamination.
- Remove head harness padding to soak in diluted bleach solution. Then hang to dry.

### SUPPLIES STEWARDSHIP

- Label a PAPR for each provider for the shift.
- Sharing PAPRs: remove your cuff, **disinfect**, and keep it in a name labeled breathable bag.
- Replace cuff if soiled or torn.