MaxAir PAPR in the Sterile Field

DONNING, DOFFING, AND CLEANING

For use with single-shroud and double-shroud configurations with heavy loading filter.

DONNING

Donning takes place outside the patient entering the operating room (OR).

1 Ensure gloves, disinfecting wipes, and a garbage can are placed just outside the room.

   For doffing, ensure that an isolation cart or work surface is available just outside the OR. The isolation cart or work surface will need a clearly designated “clean” area and “dirty” area to prevent cross contamination.

2 Perform hand hygiene before donning PAPR.

3 PAPR

   • Attach battery to belt and secure belt around waist, clip battery directly to pants, or secure in pocket. Don surgical bouffant or skull cap, if desired.

   • Attach a “comfort strip” on the inside of helmet at forehead with Velcro. These are disposable after a single use or may be used multiple times for a single user. If reusing, please follow department’s protocol for reuse.

   • Attach hood to helmet. Hood snaps to helmet in 3 places.
3 PAPR (continued)

• Pull hood over helmet. Be sure the Velcro in front is clear to ensure the heavy loading filter can be placed securely.

• Pull the heavy loading filter over the top of the hood and secure.

• Plug the power cord into the battery. Push firmly to lock in place. Push on black tab to remove the cord when done using.

• Don surgical mask.

• Check that the indicator lights are working. Verify that the system is functioning properly and that there is adequate battery life. Do not use if low flow (yellow) or low battery (red) lights are illuminated.

• Put on hood and turn ratchet knob to your desired fit. Tie straps on shroud at neck and waist.

• Start PAPR and adjust for visibility and hearing. Find air control switch at the back of the helmet.

4 Gown and gloves

• Don a surgical gown and a double set of sterile gloves. Sterile gown fits over shroud and air flows down into gown.
DOFFING

Doffing of gown and gloves takes place just inside the OR at the door, before leaving the care area. PAPRs are removed and disinfected just outside of the OR.

Your PPE may be contaminated. Avoid contamination of self, others, and environment when removing. If gown or headcover are grossly contaminated, wipe with disinfectant wipe before removing.

1 Gown and gloves

- Unfasten ties or break by pulling carefully at the front of the gown.
- Carefully, peel off gown and top set of gloves from the inside out, roll up and discard. Do not push down into trash to avoid risk of contamination.
- Exit patient care area.

2 PAPR

- Remove hood from helmet by carefully pulling hood over front of helmet. If possible, have a second person to assist you with the doffing of the hood to help avoid contamination.
- Remove hood from helmet by detaching it from the 3 notches at the sides and front of the helmet. Discard appropriately.
- Remove the cord from the battery pack (not from the helmet) by pushing on the black tab.
- Remove the second set of gloves, perform hand hygiene, and don clean gloves.
CLEANING

Cleaning procedure for MaxAir PAPR worn with disposable hood for sterile procedures.
When worn in a sterile field with the disposable hood configuration, the PAPR hood is not reusable. It will need to be discarded after each use.

1 Unfasten the PAPR belt (if wearing one) and set the battery on the designated “dirty” surface. If you are not using the belt, remove the battery from your pocket and set it on the designated dirty surface.

2 Remove the PAPR helmet and place it on the designated “dirty” surface.

3 Remove gloves, perform hand hygiene, and don clean gloves.

4 Disinfect the components using purple-top or orange-top wipes. Ensure the wet/contact times are met according to the wipes used: purple-top (2 min.), orange top (4 min.).

5 Use 1 wipe to disinfect belt, if worn, and battery. Place in designated “clean” storage area.

6 Using a new wipe, disinfect the inside of the helmet. Remove the Velcro comfort strip from the front inside of the helmet and follow your department’s protocol for later use. These comfort strips are for personal use and should not be used by multiple users.

7 Using a new wipe, disinfect the outside of the helmet and the cord. Place the disinfected helmet in the designated “clean” storage area.

8 Disinfect the designated “dirty” work surface and wipe dispenser.

9 Remove gloves and discard. Perform hand hygiene.