

ELASTOMERIC RESPIRATOR SBAR & INSTRUCTIONS FOR USE

PURPOSE: To provide staff who are assigned use of the Elastomeric respirator instructions for assembly, doffing, donning, and cleaning

SITUATION:

There is a critical national shortage of N95 respirators impacting Stanford Medicine.

BACKGROUND:

Due to manufacturing and supply chain disruptions, along with high global demand, there is a critical national shortage of all surgical N95 respirators. Frontline clinicians, CEPD, EH&S, IPCD, OHS, operations, Professional Practice, Quality, and Supply Chain have identified a contingency strategy of maintaining the N95 respirator supply.

ASSESSMENT:

Our current par needs far exceed our availability, especially regarding the 1870 sizes of our N95s. In this situation, CDC recommends use of NIOSH approved alternatives to N95 respirators such as other disposable filtering face piece respirators, elastomeric respirators with appropriate filters or cartridges, powered air purifying respirators where feasible.

RECOMMENDATION:

Stanford Medicine will be fit testing clinicians to elastomeric respirators based on prior fit size and evolving PPE needs.

Obtaining an Elastomeric Respirator

- Staff working in units K4, L6, M7 and B1 can obtain a clean mask from the unit supply
 - Use the QR Request Form Process
- Staff who are anchored in a unit outside of K4, L6, M7, and B1 can follow the standard Supply Chain walk up process (Will be delivered to the unit by Supply Chain)
 - If elastomeric is needed stat, please pick up from 500P Central Supply located on Ground floor
- Staff who float between units (and not working in K4, L6, M7, or B1) will go to 500P Central Supply to obtain elastomeric

[Click here](#) for Request Form SBAR



Request Form

Do **NOT** take any hospital issued PPE home

Returning Elastomeric Respirator

- Wipe down soiled elastomeric mask prior to return
- Soiled masks will be returned to the following soiled utility rooms only: K4, L5, L6, M7, and B1
- Return bin is labeled on shelf
- Requesting staff to not bring soiled masks to SPD; place it in the soiled utility rooms within the 5 designated units

Scan for video for Elastomeric usage



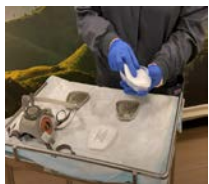
[Click here](#) for video on Elastomeric usage



ELASTOMERIC RESPIRATOR

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ASSEMBLY [click here](#) for video



To assemble your filter and cartridges follow the shape of the filters to match the cartridges Place with written side down so the words are facing out the window of the filter



Place with written side down so the words are facing out the window of the filter Snap filter house together; you will hear an audible click repeat for other side



Push together rotate the cartridge clockwise a quarter turn to stop repeat on the other side

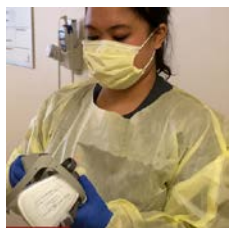


During assembly note the right side of the respirator narrow part of the filter is facing them but on the left side it is the wide porcelain facing up



Scan for assembly video

DONNING- After placing gown and gloves [click here](#) for video



Inspect the mask prior to use



Place the respirator over your nose and mouth with bottom straps unfastened.



Pull the top strap over your head, placing the head cradle on the crown of your head.



Hook the bottom straps together behind your neck.



Adjust the strap tension to achieve a secure fit. Pull the ends of the straps to adjust the tightness beginning with the adjustment points at the top of the respirator and then at the back of the neck.



Scan for donning video

SEAL CHECK and FINAL PPE [click here](#) for video



Perform a positive pressure seal check by placing the palm of your hand over the exhalation valve cover and exhale gently. The face piece should **bulge** slightly.



If air leaks between the face and face seal, reposition the respirator and readjust the straps for a secure seal.



Perform a negative pressure seal check by placing the palms of your hands over the filter cartridges and inhaling gently. The face piece should **collapse** slightly.



If air leaks between the face and face seal, reposition the respirator and readjust the straps for a secure seal.



Place a procedure mask over the elastomeric respirator, making sure to cover the exhalation valve.



Don a full face shield over the elastomeric respirator.

If you cannot achieve a proper seal, obtain another respirator



Scan for seal check video

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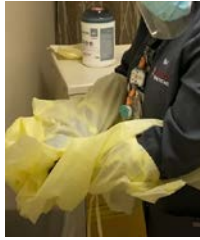
DOFFING [click here](#) for video



Scan for doffing video



After exiting the patient room, remove gown and gloves



Perform hand hygiene



Don a new pair of gloves.



Remove your face shield by carefully touching the outside lift the face shield up off your head and place on a clean surface and a designated location



Unhook the bottom straps behind your neck.



Holding the front of the face piece with both hands, pull the face piece up, allowing the top strap to lift up from your head.



Place on a dedicated surface in preparation to clean for re-use

CLEANING [click here](#) for video



Perform hand hygiene



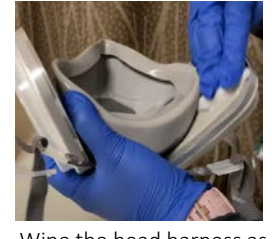
Don a new pair of gloves.



AF3 wipes



Wipe the interior and exterior of the face



Wipe the head harness as well as the case surrounding the filter

After three minutes of disinfectant dwell time, wipe all components with a damp paper towel to remove any residual disinfectant.



Air dry or dry with a paper towel prior to next use.



At the end of your shift, place the respirator in designated collection bin located in dirty utility room.



Scan for cleaning video