

# Standard Work: Doffing Level 2 PPE (PAPR)

**Author:** Ryan A. Thatcher MSN in conjunction with Corewell Health Infection Preventionists from East, South and West entities.

**Revision Date:** 07/11/2024

## **Purpose: Doffing Level 2 PPE (PAPR)**

Outline for doffing the PPE required for level 2 precautions. This ensemble is considered comparable to Level 1 PPE.



## **Value Stream: Special Pathogen Unit (SPU)**

The Corewell Health Special Pathogen Unit is located on 9C at Butterworth. All PPE outlined in this SW may not be available to team members outside of the SPU.



**Introduction:** The doffing process is conducted under the guidance and supervision of a Hot Zone Boss (HZB), who confirms visually that all steps of the procedure are performed successfully. The Hot Zone Boss uses verbal commands and this written checklist to verify each step in the doffing process. The person doffing will verbally acknowledge each command given by the HZB confirming their understanding of the step. The HZB may assist in the doffing process, as required. If the HZB touches any potentially contaminated PPE they will immediately sanitize their outer gloves, remove them, and replace them before continuing with the doffing checklist.

Team member will complete each step SLOWLY. If Team Member makes any error in process the HZB will use critical thinking and open communication to instruct on the best course of action. Often this will require sanitation of the team members hands/gloves, the HZB's hands/gloves or the environment. For example, if team member steps in wrong zone while doffing either the team member or HZB will use a disinfectant mop to clean the area prior to continuing the doffing process.

The HZB should be in Level 1 or Level 2 PPE if they are in the yellow zone or physically assisting in doffing team members.




Seq. No	Task Description:	Key Point / Image / Measure (what good looks like)	Who	Check
<b>In the Red Zone/Patient Room</b> If Red Zone not entered, team member may doff in yellow zone.				
1.	<b>Sanitize patient care gloves</b> <ol style="list-style-type: none"> <li>1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.</li> <li>2) Put enough sanitizer on your gloves to cover all surfaces.</li> <li>3) Do NOT rinse or wipe off the hand sanitizer before it is dry.</li> </ol>		Special Pathogen Response Team Member	
2.	<b>Doff Patient Care Gloves</b> <ol style="list-style-type: none"> <li>1) Doff using the glove-in-glove technique, taking care to not get any infectious material on inner gloves.</li> <li>2) Dispose of gloves in Category A waste container.</li> </ol>		Special Pathogen Response Team Member	

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3.	<b>Doff Plastic Gown</b> Team Member will break off apron by rolling it inside out.  1) Cross arms grasping the gown at collarbone. Pull the gown forward and down while rolling the gown inside out. Do not grab shroud.  2) Dispose of gown in Category A waste container.		Special Pathogen Response Team Member	
4.	<b>Sanitize Outer Gloves</b>  1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.  2) Put enough sanitizer on your gloves to cover all surfaces.  3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).		Special Pathogen Response Team Member	

**Doffing Team Member Transitions to Yellow Zone**

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5.	<b>Team member will inspect PPE for rips, tears, or contaminants. HZB will assist if present.</b>  If any breach or contamination is identified (actual or potential) the Team Member will use a disinfectant wipe (i.e. Sani-Cloth or Bleach), to remove any contamination on PPE.		Special Pathogen Response Team Member	
6.	<b>Sanitize outer gloves (If contamination identified and cleaned)</b>  1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.  2) Put enough sanitizer on your gloves to cover all surfaces.  3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).		Special Pathogen Response Team Member	
7.	<b>Remove PAPR Hood</b>  1) Grab the PAPR hood at the ears. 2) Bend at the waist and remove hood. 3) Disconnect hose from hood. 4) Dispose of hood in Category A waste container.		Special Pathogen Response Team Member	

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8.	<b>Remove PAPR Belt-Mounted Blower Unit</b> <ol style="list-style-type: none"> <li>1) Unbuckle unit at waist.</li> <li>2) Turn off unit.</li> <li>3) Place unit and hose in container in yellow zone for disinfection.</li> </ol>		Special Pathogen Response Team Member	
9.	<b>Sanitize outer gloves</b> <ol style="list-style-type: none"> <li>1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.</li> <li>2) Put enough sanitizer on your gloves to cover all surfaces.</li> <li>3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).</li> </ol>		Special Pathogen Response Team Member	
10.	<b>Doff outer gloves</b> <ol style="list-style-type: none"> <li>1) Doff using the glove-in-glove technique taking care to not get any infectious waste on inner gloves.</li> <li>2) Dispose of gloves in Category A waste container.</li> </ol>		Special Pathogen Response Team Member	





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11.	<b>Sanitize inner gloves</b> 1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol. 2) Put enough sanitizer on your gloves to cover all surfaces. 3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).		Special Pathogen Response Team Member	
12.	<b>Doff impervious gown</b> Team Member will break off gown by rolling it inside out. 1) Holding gown at shoulders, pull down and away while rolling. If waist tie is easily located this can be untied first. If unable to pull gown off, untie waste ties first. 2) Dispose of gown in Category A waste container.		Special Pathogen Response Team Member	
13.	<b>Sanitize inner gloves</b> 1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol. 2) Put enough sanitizer on your gloves to cover all surfaces. 3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).		Special Pathogen Response Team Member	

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14.	<b>Doff knee high shoe covers</b> <ol style="list-style-type: none"> <li>1) Slip gloved index fingers between the shoe cover and clothing.</li> <li>2) Roll inside out touching only inside of shoe cover.</li> <li>3) Slip cover off of shoe, not touching the exterior of the shoe cover or the floor.</li> <li>4) Move uncovered foot to green zone without touching yellow zone.</li> <li>5) Dispose of covers in Category A waste container.</li> </ol>	A chair may be needed to complete this step safely. If a chair is used it should straddle the yellow and green zone. 	Special Pathogen Response Team Member	
Doffing team member is in the Green Zone				
15.	<b>Sanitize inner gloves</b> <ol style="list-style-type: none"> <li>1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.</li> <li>2) Put enough sanitizer on your gloves to cover all surfaces.</li> <li>3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).</li> </ol>		Special Pathogen Response Team Member	
16.	<b>Doff inner gloves</b> <ol style="list-style-type: none"> <li>1) Doff using the glove-in-glove technique taking care to not get any infectious waste on inner gloves.</li> <li>2) Dispose of gloves in Category A waste container.</li> </ol>		Special Pathogen Response Team Member	

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17.	<b>Sanitize hands</b> <ol style="list-style-type: none"> <li>1) Use an alcohol-based hand sanitizer that contains at least 60% alcohol.</li> <li>2) Put enough sanitizer on your hands to cover all surfaces.</li> <li>3) Do NOT rinse or wipe off the hand sanitizer before it is dry; it may not work well against germs (this should take around 20 seconds).</li> </ol>		Special Pathogen Response Team Member	
18.	<b>Perform hand hygiene</b>		Special Pathogen Response Team Member	

References: [CDC](#), [NETEC](#), [MIOsha-STD-1201](#)