

# HIGH RISK\* DONNING Personal Protective Equipment (PPE)



## **\*High risk:**

Patient is confirmed to have Ebola Virus Disease

OR

Patient is suspected to have Ebola Virus Disease

AND

- has high risk symptoms such as bleeding or uncontrolled diarrhea or uncontrolled vomiting; or
- is unstable and requires a high risk procedure such as an aerosol generating medical procedure (includes intubation, open respiratory/airway suctioning, high-frequency oscillatory ventilation, nebulized therapy, non-invasive positive pressure ventilation), cardiopulmonary resuscitation, central line insertion, or any procedure that could potentially result in copious amounts of body fluid generation or exposure

## **PPE Storage and Donning Area**

- An area outside of the patient room (e.g., nearby vacant patient room or a marked area in the hallway outside the patient room) where clean PPE is stored and where healthcare workers (HCW) can don PPE under the guidance of a trained observer before entering the patient room
- Post appropriate signage indicating room designation and purpose

## **Pre-Donning Activities**

- Ensure that all required personal protective equipment and supplies are available and in the size required for the healthcare worker
- Ensure you are signed into log book
- Remove all personal items (i.e. jewelry, watches, cell phones, lanyards, pagers, pens)
- Ensure longer hair is tied back
- Remove personal clothing and change into scrubs and dedicated washable shoes (fluid resistant footwear-closed toe and heels, plastic or rubber soles)
- Hydrate (no drinking or eating is allowed in patient care area)
- Ensure trained observer is available to monitor, assist (if required), and document the steps of the donning checklist with you
- Ensure trained observer document the steps of the donning checklist with you

## **Trained observer PPE**

- The trained observer will don surgical gown, shoe covers, face shield, and gloves

**\*If using the high risk PPE donning protocol, you must ensure that a trained observer is present to monitor PPE donning and to document the steps on the PPE donning checklist\***

**Move slowly; do not rush, when putting on PPE before entering the patient room**

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<p><b>1. Hand hygiene</b></p> 	<ul style="list-style-type: none"> <li>• Perform hand hygiene</li> <li>• Alcohol-based hand rub (ABHR) is preferred</li> <li>• Soap and water is used when hands are visibly soiled</li> </ul>
<p><b>2. Knee high boot covers</b></p> 	<ul style="list-style-type: none"> <li>• Sit on a clean chair, if available</li> <li>• Place boot cover on toes of foot and pull up</li> </ul>
<p><b>3. Hand hygiene</b></p> 	<ul style="list-style-type: none"> <li>• Perform hand hygiene</li> <li>• Alcohol-based hand rub (ABHR) is preferred</li> <li>• Soap and water is used when hands are visibly soiled</li> </ul>
<p><b>4. N95 respirator</b></p> 	<p><b>Use your appropriate fit-tested size</b></p> <ul style="list-style-type: none"> <li>• Place over nose, mouth and chin</li> <li>• Flexible nose piece is fitted over bridge of nose</li> <li>• Secure on head with elastics: bottom elastic first at the base of the neck, then top elastic at the crown of your head</li> <li>• Perform a seal-check</li> </ul>
<p><b>5. Nitrile gloves</b></p> 	<ul style="list-style-type: none"> <li>• Either regular length or extended length nitrile gloves</li> <li>• First set of gloves worn under gown cuffs</li> <li>• Inspect for tears</li> </ul>

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<b>6. Surgical gown</b>	<b>Gown should be rated as Level 4 for moderate to high level of fluid resistance</b>
	<ul style="list-style-type: none"> <li>• Ensure gown is large enough to allow unrestricted movement</li> <li>• Gown is securely fastened at the neck, waist, and back using all Velcro/ties provided</li> <li>• Trained observer may assist with ties, if required</li> <li>• Ensure inner gloves are tucked under the sleeve of the gown</li> </ul>
<b>7. Apron (if used)</b>	If additional protection against copious body fluids is required
<b>8. Surgical Hood</b>	
	<ul style="list-style-type: none"> <li>• Ensure hood fits over the N95 respirator and glasses if wearing</li> <li>• Hood should cover all of the hair and the ears, and extends past the neck to the shoulders</li> <li>• Trained observer will check that hood completely covers the ears and neck</li> </ul>
<b>9. Full face shield</b>	
	<ul style="list-style-type: none"> <li>• Place face shield over the N95 respirator and surgical hood</li> <li>• Adjust to fit</li> <li>• Ensure there is an overlap to protect the forehead</li> </ul>
<b>10. Extended cuff nitrile gloves</b>	
	<ul style="list-style-type: none"> <li>• Second set of gloves worn over gown cuffs</li> <li>• Inspect for tears</li> </ul>
<b>11. Inspection</b>	
	<ul style="list-style-type: none"> <li>• Trained observer inspects PPE for gaps and adjusts if necessary</li> <li>• Conduct range of motion activities (e.g., move your arms, legs and neck) to ensure PPE stays intact. The goal is for the PPE to be secure and the staff care provider to be comfortable</li> <li>• Avoid touching your face or adjusting PPE once in the patient care environment</li> </ul>