# COVID19: Personal Protective Equipment Guidelines

## Anticipated Activity

### Required PPE for ALL JHS Employees

- Procedure Mask (N-95 respirator should be reserved for direct patient care providers)

### Standard PPE for Direct Contact with Patient Care (Hospital/Clinic Areas)

1. Don the following:
   - Procedure Mask

   - Eye Protection

### Direct Patient or Environmental Contact within COVID-19 Patient Room or Care Space

1. Base Layer* (personal scrubs, hospital laundered scrubs, disposable scrubs, or machine washable clothes)
2. Don the following:
   - Isolation Gown
   - Gloves
   - N95 preferred, but face masks are an acceptable alternative**
   - Procedure mask to be worn over the N95 respirator as an N95 conservation strategy
   - Eye Protection

### PPE Donning for Aerosolizing Procedures***

1. Hand hygiene
2. Inspect PPE to ensure it is serviceable
3. Don the following:
   - Isolation Gown
   - Bouffant (recommended)
   - Gloves
   - N95 Respirator
   - Procedure Mask
   - Full Face Shield over N95 Respirator
   - Shoe Covers (recommended)

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*Base layer refers to clothing that will not have direct contact with the patient or their immediate environment.

**According to the US CDC, May 2020.

***N-95 Respirator required for aerosolizing procedures.
What you need to know: COVID-19 Mode of Transmission

Large diameter respiratory droplets containing COVID-19 virus enter the body via mucous membranes of eyes, nose, and mouth. Droplets are expelled from the respiratory tract of a COVID-19 infected individual, and may be transmitted even when the infected individual is asymptomatic or mildly symptomatic. In addition, contamination of environmental surfaces may contribute to transmission when an individual touches that surface, contaminating their hands or fingers with droplets, and then touches the mucous membranes of eyes, nose, or mouth without performing hand hygiene.

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<th>PPE Required</th>
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<td><strong>Required PPE for All JHS Employees</strong></td>
<td>1. Procedure Mask (N-95 respirator should be reserved for Direct Patient Care Providers)</td>
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<tr>
<td><strong>Standard PPE for Direct Contact with Patient Care</strong>&lt;br&gt;(Hospital/Clinic Areas)</td>
<td>1. Procedure mask 2. Eye protection <em>(Key: Observe Hand-Hygiene Protocol)</em></td>
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<td><strong>Direct Patient Or Environmental Contact Within COVID 19 Patient Room Or Care Space</strong></td>
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<td><strong>Aerosolization</strong></td>
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<td><strong>Low-risk Aerosolization:</strong>&lt;br&gt;• Airway suctioning&lt;br&gt;• Sputum induction&lt;br&gt;• Swallow studies&lt;br&gt;• Venti mask use</td>
<td>1. Isolation Gown 2. Eye protection (Goggles and Face Shield) 3. N95 Respirator 4. Procedure mask (to be discarded after procedure) 5. Gloves 6. Hair cover (recommended) 7. Shoe covers (recommended)</td>
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# JHS PPE Guidelines

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<td>• High-Flow Nasal Cannula</td>
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<td>• Nebulizer treatment</td>
<td>2. Hooded Bunny Suit</td>
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<td>• Chest Physiotherapy</td>
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<td>• Chest tube &amp; Thoracentesis</td>
<td>4. N95 Respirator</td>
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<td>• Breaking the ventilator circuit:</td>
<td>5. Procedure mask (to be discarded after procedure)</td>
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<td>o Intentional: filter/equipment change</td>
<td>6. Two pairs of gloves</td>
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<td>o Unintentional: unplanned disconnection/patient</td>
<td>7. Hair cover (recommended)</td>
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<td>movement</td>
<td>8. Shoe cover (recommended)</td>
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<td>• BIPAP/CPAP</td>
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<td>• High Frequency Oscillatory Ventilation</td>
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JHS PPE Guidelines

Donning and Doffing Recommendations for Inpatient Areas (*Excludes procedural areas*)

**Donning:**
1. Perform hand hygiene
2. Don isolation gown
3. Don hair covering
4. Don gloves
5. Don N95 respirator and procedure mask over N95 (to conserve N95 respirator place procedure mask over N95)
6. Don eye protection (Goggles or Face Shield)
7. Enter room

**Doffing*:**
1. Perform hand hygiene over gloves
2. Remove isolation gown, turning inside out while still in patient room/care space
3. Remove gloves, utilizing “glove in glove” technique and perform hand hygiene in patient room/care space
4. Perform hand hygiene
5. Exit patient room or care space and close door if applicable
6. Perform hand hygiene
7. Don gloves
8. Remove eye protection and disinfect with EPA approved disinfectant
9. Remove gloves, utilizing “glove in glove” technique and perform hand hygiene in patient room/care space
10. Remove procedure mask
11. Perform hand hygiene
12. Don new procedure mask and re-don eye protection

*Due to the unknown contamination of any single piece of PPE, great care should be taken during the doffing process. Consider the exterior of all devices to be contaminated and perform hand hygiene accordingly and avoid self-contamination while removing PPE.

**NOTE:** Non-sterile gloves should not be worn unless contact with the patient or immediate patient care environment (room or care space) is anticipated

References:
JHS PPE Guidelines

Standard PPE for Direct Contact with Patient Care

- Procedure Mask
- Eye Protection

DIRECT PATIENT OR ENVIRONMENTAL CONTACT

- Hand Hygiene
- Isolation Gown
- Gloves
- N95 Surgical Mask and Goggles
- OR
- N95 and Face Shield