



مستشفى الملك فيصل التخصصي ومركز الأبحاث  
King Faisal Specialist Hospital & Research Centre  
Gen. Org. مؤسسة عامة

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**TO: Distribution**

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**FROM: Hail Alabdely, MD**  
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**REF:** MCA-ED/2143/41

**SUBJECT: INTERIM GUIDANCE FOR PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
**REQUIREMENTS FOR COVID-19 SUSPECTED /CONFIRMED CASES (UPDATE)**  
MCA-ED/1670/41

Ministry of Health (MOH), Saudi Arabia and World Health Organization (WHO) guidelines, below is the updated required Personal Protective Equipment (PPE) in various settings during the care of suspected/confirmed cases of COVID-19 patients.

This interim guidance supersede all previous recommendation of PPE for COVID-19 assessment. The information will be updated, when necessary.

No.	ACTIVITY	PLACEMENT / TYPE OF PPE
1	Patient Triaging	<ul style="list-style-type: none"><li>• Hand Hygiene</li><li>• Surgical Mask</li><li>• Long sleeve yellow gown</li><li>• Gloves</li></ul>
2	Providing Direct Care	<ul style="list-style-type: none"><li>• Hand Hygiene</li><li>• Single Room</li><li>• Surgical Mask</li><li>• Long sleeve yellow gown</li><li>• Gloves</li><li>• Eye Protection (Goggles or face shield)</li></ul>
		<ul style="list-style-type: none"><li>• Hand Hygiene</li></ul>

3	<p>Aerosol Generating Procedure (AGP) including intubation</p> <p>(Please see below AGP information)</p> <p><b>*Applicable only for suspected or confirmed COVID-19 cases</b></p>	<ul style="list-style-type: none"> <li>• Negative pressure room, if not available use neutral room with two (2) Portable HEPA-filters placed at the level or the head of the patient one on each side</li> <li>• Fit tested N95 respirator</li> <li>• Surgical gown</li> <li>• Sterile Gloves</li> <li>• Eye protection (Face shield or goggles)</li> <li>• Apron</li> <li>• PAPR (Powered Air Purifying Respiratory) for a person not fit tested or have facial hair</li> <li>• Head cover/Disposable Hood/Hijab</li> <li>• Shoe cover</li> <li>• <b><u>Old MCO COVID-19 and 2D External Testing Center. These areas need to adopt the reuse and extended use of N95 respiratory approaches</u></b></li> </ul>
4	<p>Usual care of intubated patient that did not cause an Aerosol generation</p>	<ul style="list-style-type: none"> <li>• Hand Hygiene</li> <li>• Surgical mask</li> <li>• Long sleeve yellow gown</li> <li>• Gloves</li> <li>• Eye protection (Goggles or face shield)</li> </ul>
5	<p>Transport of patient to health care facility by Ambulance or within the facility</p>	<ul style="list-style-type: none"> <li>• Hand Hygiene</li> <li>• Patient to put on a surgical mask</li> <li>• Surgical mask</li> <li>• Long sleeve yellow gown</li> <li>• Gloves</li> <li>• Eye protection (Goggles or face shield)</li> </ul>
6	<p>Surgical procedure</p>	<ul style="list-style-type: none"> <li>• Hand Hygiene</li> <li>• Postpose non-urgent surgeries for COVID-19 patient and schedule COVID-19 cases at the end of the list, if surgery is deemed necessary</li> <li>• Keep the surgical team to a minimum number</li> <li>• PPE during OR: <ul style="list-style-type: none"> <li>◦ Medical protective Sterile surgical gown</li> <li>◦ Double head cap</li> <li>◦ Shoe cover</li> <li>◦ Fit tested N95 mask</li> <li>◦ Eye protection (Goggles or face shield)</li> <li>◦ Sterile surgical gloves</li> <li>◦ PAPR, if not fit test or have facial hair</li> </ul> </li> <li>• <b><u>Minimize the surgical team members as much as possible without compromising the care delivery</u></b></li> </ul>
7	<p>Cleaning the room (Housekeeping)</p>	<ul style="list-style-type: none"> <li>• Hand Hygiene</li> <li>• Surgical Mask</li> <li>• Long sleeve yellow gown</li> <li>• Heavy-duty gloves</li> </ul>

		<ul style="list-style-type: none"> <li>• Eye protection (Goggles or face shield)</li> <li>• Shoe cover</li> </ul>
8	Laboratory (Manipulation of the respiratory sample)	<ul style="list-style-type: none"> <li>• Hand Hygiene</li> <li>• Surgical mask</li> <li>• Long sleeve yellow gown</li> <li>• Gloves</li> <li>• Eye protection (if risk splash)</li> <li>• Handle sample under safety cabinet</li> </ul>
9	All hospital premises	<ul style="list-style-type: none"> <li>• Hand hygiene</li> <li>• Cough Etiquette &amp; Respiratory hygiene</li> <li>• Follow interim guidance of COVID-19 Command &amp; Control Centre</li> </ul>

### **Aerosol Generating Procedures (AGP):**

The following are the list of Aerosol Generating Procedures (AGP) that is meant to trigger the use of an N95 respiratory (or PAPR) by Healthcare Workers (HCW). These procedures **include but not limited to:**

- Intubation, extubation, and related procedures such as manual ventilation and open suctioning
- Tracheotomy/tracheostomy procedures (insertion/open suctioning/removal)
- Bronchoscopy
- Surgery and post-mortem procedures involving high-speed devices
- Some dental procedures (such as high-speed drilling)
- Non-invasive ventilation (NIV) such as bi-level positive airway pressure (BIPAP) and continuous positive airway pressure ventilation (CPAP)
- High-frequency oscillating ventilation (HFOV)
- High-flow nasal oxygen (HNFO), also called high-flow nasal cannula
- Induction of sputum
- Medication administration via continuous nebulizer
- Whenever cardiopulmonary resuscitation (CPR) is performed
- Anytime ventilator circuits are broken
- During the use of secretion clearing devices
- During the collection of nasopharyngeal and/or aspirates

Herewith, the link of the COVID-19 poster and is also uploaded in the COVID webpage. Print and ensure it is posted in your department areas for your staff information.

<http://www.kfshrc.edu.sa/edit/en/home/covid/guidelines#>

Please disseminate this information to your designated staff.

Thank you.

HA/MCAF/kld

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