

Recommended PPE for routine patient care and performing aerosol-generating procedures(a) in hospitals/clinics for suspected or confirmed novel coronavirus infection

Apply standard precautions (SP) +/- transmission-based precautions for all patients.		
Areas		Recommended personal protective equipment (PPE)
Routine patient care	High -risk patient areas(b) for caring of suspected or confirmed novel coronavirus infection	N95 respirator(c), eye protection(d), gown and gloves
	Other patient areas	SP +/- Transmission based precautions
Performing aerosol-generating procedures(a)	High -risk patient areas(b) for caring of suspected or confirmed novel coronavirus infection	N95 respirator, eye protection(d), gown, gloves and cap(e); Place patient in a negative pressure airborne infection isolation room (AIIR).
	Other patient areas	Surgical mask/ N95 respirator(c), eye protection(d), gown and gloves Perform all aerosol generating procedures in a well-ventilated area (e.g. mechanical ventilation with minimum of 6 air changes per hour (ACH) or use portable HEPA filter e.g. IQ Air if indicated).
No patient contact	High-risk patient areas(b) for suspected or confirmed novel coronavirus infection	Surgical mask
	Other patient areas	Surgical mask for signs and symptoms of respiratory infection
	Non-patient areas	Surgical mask for signs and symptoms of respiratory infection

Remarks:

- a. Aerosol-generating procedures with increase in risk of respiratory infection transmission are endotracheal intubation, cardiopulmonary resuscitation, bronchoscopy, open suctioning of respiratory tract (including tracheostomy care), autopsy and non-invasive positive pressure ventilation (BiPAP& CPAP), high-frequency oscillatory ventilation, nebulizer therapy and sputum induction. (CDC,WHO, HPA/UK)
- b. High-risk patient areas refer to triage stations of out-patient clinics, Accident & Emergency department (triage stations, resuscitation rooms, waiting areas/consultation rooms, and fever triage cubicles), and isolation wards for suspected or confirmed novel influenza patients.
- c. Based on transmission-based precautions and risk assessment.
- d. Eye protection refers to full face shield or goggles or eye-visors.
- e. Cap is optional

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