

Table 1. Recommended PPE during the outbreak of COVID-19 outbreak, according to the setting, personnel, and type of activity^a

Setting	Target personnel or patients	Activity	Type of PPE or procedure
Health care facilities			
Inpatient facilities			
Screening ⁱ Clinical triage for prioritization of care according to severity (e.g. Manchester classification) should be performed in separate area for individuals with symptoms and signs	Health care workers	Preliminary screening not involving direct contact ^c	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Ideally, build glass/plastic screens to create a barrier between health care workers and patients No PPE required. When physical distance is not feasible and yet no patient contact, use mask and eye protection.
	Patients with symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Provide medical mask if tolerated by patient. Immediately move the patient to an isolation room or separate area away from others; if this is not feasible, ensure spatial distance of at least 1 metre from other patients. Perform hand hygiene and have the patient perform hand hygiene
	Patients without symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> No PPE required Perform hand hygiene and have the patient perform hand hygiene
Patient room/ward	Health care workers	Providing direct care to COVID-19 patients, <u>in the absence of</u> aerosol-generating procedures	<ul style="list-style-type: none"> Medical mask Gown Gloves Eye protection (goggles or face shield) Perform hand hygiene
	Health care workers	Providing direct care to COVID-19 patients in settings where aerosol-generating procedures are frequently in place ⁱⁱ	<ul style="list-style-type: none"> Respirator N95 or FFP2 or FFP3 standard, or equivalent. Gown Gloves Eye protection Apron Perform hand hygiene
	Cleaners	Entering the room of COVID-19 patients	<ul style="list-style-type: none"> Medical mask Gown Heavy-duty gloves Eye protection (if risk of splash from organic material or chemicals is anticipated) Closed work shoes Perform hand hygiene
	Visitors ^b	Entering the room of a COVID-19 patient	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre Medical mask Gown Gloves Perform hand hygiene

ⁱ The screening procedure refers to prompt identification of patients with signs and symptoms of COVID-19.

ⁱⁱ AGP: tracheal intubation, non-invasive ventilation, tracheotomy, cardiopulmonary resuscitation, manual ventilation before intubation, bronchoscopy.

Areas of transit where patients are not allowed (e.g. cafeteria, corridors)	All staff, including health care workers.	Any activity that does not involve contact with COVID-19 patients	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre No PPE required Perform hand hygiene
Laboratory	Lab technician	<p>Manipulation of respiratory samples</p> <p>Specimen handling for molecular testing would require BSL-2 or equivalent facilities.</p> <p>Handling and processing of specimens from cases with suspected or confirmed COVID-19 infection that are intended for additional laboratory tests, such as haematology or blood gas analysis, should apply standard precautions⁹</p>	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre Medical mask Eye protection Gown Gloves Perform hand hygiene
Administrative areas	All staff, including health care workers.	Administrative tasks that do not involve contact with COVID-19 patients.	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre No PPE required Perform hand hygiene

Outpatient facilities			
Screening/triage	Health care workers	Preliminary screening not involving direct contact ^c .	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Ideally, build a glass/plastic screen to create a barrier between health care workers and patients No PPE required When physical distance is not feasible and yet no patient contact, use mask and eye protection. Perform hand hygiene
	Patients with symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> Maintain spatial distance of at least 1 metre. Provide medical mask if tolerated. Perform hand hygiene
	Patients without symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> No PPE required Perform hand hygiene
Waiting room	Patients with symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> Provide medical mask if tolerated. Immediately move the patient to an isolation room or separate area away from others; if this is not feasible, ensure spatial distance of at least 1 metre from other patients. Have the patient perform hand hygiene
	Patients without respiratory symptoms	Any	<ul style="list-style-type: none"> No PPE required Have the patient perform hand hygiene
Consultation room	Health care workers	Physical examination of patient with symptoms suggestive of COVID-19	<ul style="list-style-type: none"> Medical mask Gown Gloves Eye protection Perform hand hygiene
	Health care workers	Physical examination of patients without symptoms suggestive of COVID-19	<ul style="list-style-type: none"> PPE according to standard precautions and risk assessment. Perform hand hygiene
	Patients with symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> Provide medical mask if tolerated. Hand hygiene and respiratory etiquette

	Patients without symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> No PPE required Have the patient perform hand hygiene
	Cleaners	After and between consultations with patients with respiratory symptoms.	<ul style="list-style-type: none"> Medical mask Gown Heavy-duty gloves Eye protection (if risk of splash from organic material or chemicals). Closed work shoes Perform hand hygiene
Administrative areas	All staff, including health care workers	Administrative tasks	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre between staff No PPE required Perform hand hygiene
Home care			
Home	Patients with symptoms suggestive of COVID-19	Any	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Provide medical mask if tolerated, except when sleeping. Hand and respiratory hygiene
	Caregiver	Entering the patient's room, but not providing direct care or assistance	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre Medical mask Perform hand hygiene
	Caregiver	Providing direct care or when handling stool, urine, or waste from COVID-19 patient being cared for at home	<ul style="list-style-type: none"> Gloves Medical mask Apron (if risk of splash is anticipated) Perform hand hygiene
	Health care workers	Providing direct care or assistance to a COVID-19 patient at home	<ul style="list-style-type: none"> Medical mask Gown Gloves Eye protection
Points of entry at airports, ports and ground crossing as applicable			
Administrative areas	All staff	Any	<ul style="list-style-type: none"> No PPE required
Screening area	Staff	First screening (temperature measurement) not involving direct contact ^a	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Ideally, build a glass/plastic screen to create a barrier between health care workers and patients No PPE required When physical distance is not feasible, yet no patient contact, use mask and eye protection. Perform hand hygiene
	Staff	Second screening (i.e. interviewing passengers with fever for clinical symptoms suggestive of COVID-19 disease and travel history)	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Medical mask Gloves Perform hand hygiene
	Cleaners	Cleaning the area where passengers with fever are being screened	<ul style="list-style-type: none"> Medical mask Gown Heavy duty gloves Eye protection (if risk of splash from organic material or chemicals). Boots or closed work shoes Perform hand hygiene
Temporary isolation area	Staff	Entering the isolation area, but not providing direct assistance	<ul style="list-style-type: none"> Maintain physical distance of at least 1 metre. Medical mask

			<ul style="list-style-type: none"> • Gloves
	Staff, health care workers	Assisting or caring for passenger being transported to a health care facility as a suspected COVID -19 cases	<ul style="list-style-type: none"> • Medical mask • Gown • Gloves • Eye protection • Perform hand hygiene
	Cleaners	Cleaning isolation area	<ul style="list-style-type: none"> • Maintain physical distance of at least 1 metre. • Medical mask • Gown • Heavy duty gloves • Eye protection (if risk of splash from organic material or chemicals). • Closed work shoes • Perform hand hygiene
Ambulance or transfer vehicle	Health care workers	Transporting suspected COVID-19 patients to the referral health care facility	<ul style="list-style-type: none"> • Medical mask • Gowns • Gloves • Eye protection • Perform hand hygiene
	Driver	Involved only in driving the patient with suspected COVID-19 disease and the driver's compartment is separated from the COVID-19 patient	<ul style="list-style-type: none"> • Maintain physical distance of at least 1 metre. • No PPE required • Perform hand hygiene
		Assisting with loading or unloading patient with suspected COVID-19	<ul style="list-style-type: none"> • Medical mask • Gowns • Gloves • Eye protection • Perform hand hygiene
		No direct contact with patient with suspected COVID-19, but no separation between driver's and patient's compartments	<ul style="list-style-type: none"> • Medical mask • Perform hand hygiene
	Patient with suspected COVID-19.	Transport to the referral health care facility.	<ul style="list-style-type: none"> • Medical mask if tolerated • Have the patient perform hand hygiene
	Cleaners	Cleaning after and between transport of patients with suspected COVID-19 to the referral health care facility.	<ul style="list-style-type: none"> • Medical mask • Gown • Heavy duty gloves • Eye protection (if risk of splash from organic material or chemicals). • Boots or closed work shoes • Perform hand hygiene

Special considerations for rapid-response teams assisting with public health investigations ^d			
Anywhere	Rapid-response team investigators	Remote interview of suspected or confirmed COVID-19 patients or their contacts.	<ul style="list-style-type: none"> • No PPE if done remotely (e.g. by telephone or video conference). • Remote interview is the preferred method.
		In-person interview of suspected or confirmed COVID-19 patients or contacts without direct contact	<ul style="list-style-type: none"> • Medical mask • Maintain physical distance of at least 1 metre. • The interview should be conducted outside the house or outdoors, and confirmed or suspected COVID-19 patients should wear a medical mask if tolerated. • Perform hand hygiene