

## COVID-19 Personal Protective Equipment (PPE) Guidance - v. 1.6

Highlighted text is new information since the last revision.

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## Section 1 – Purpose & Definitions

### Purpose:

This document is for guidance purposes only. This document is not tied to supply procurement or allocation. The guidance included in this document, including guidance addressing specific types of PPE, does not in any way avow that those materials will be made available by the State of Vermont or any other supplier.

### Definitions:

**Personal Protective Equipment (PPE):** Personal protective equipment (PPE) includes an array of supplies that healthcare facilities utilize to keep their employees and patients safe. These include eye protection (e.g., goggles, face shields), isolation gowns, facemasks, respirators (e.g., N95s, PAPRs), and gloves. The Centers for Disease Control and Prevention (CDC) note that PPE shortages are currently posing a tremendous challenge to the US healthcare system because of the COVID-19 pandemic. As such, CDC recommends that use of specific types of PPE discussed in this document (e.g., facemasks, respirators) be limited to healthcare personnel and very few other groups (e.g., corrections staff, law enforcement). For many others, recommended interventions include use of non-PPE controls such as social distancing and cloth face coverings.

**Healthcare Personnel (HCP):** HCP include, but are not limited to, emergency medical service personnel, nurses, nursing assistants, physicians, technicians, therapists, phlebotomists, pharmacists, students and trainees, contractual staff not employed by the healthcare facility, and persons not directly involved in patient care, but who could be exposed to infectious agents that can be transmitted in the healthcare setting (e.g., clerical, dietary, environmental services, laundry, security, engineering and facilities management, administrative, billing, and volunteer personnel).

**Source Control:** Use of cloth face coverings or facemasks to cover a person’s mouth and nose to prevent spread of respiratory secretions when they are talking, sneezing, or coughing. Facemasks and cloth face coverings should not be placed on children under age 2, anyone who has trouble breathing, or anyone who is unconscious, incapacitated, or otherwise unable to remove the mask without assistance. When cloth face coverings are not available or cannot be used, a face shield may be used as source control in a non-clinical, non-healthcare setting, through cloth face coverings are preferred.

**Eye protection:** Goggles or a face shield that covers the front and sides of the face. Personal eyeglasses and contact lenses are NOT considered adequate eye protection.

**Cloth face covering:** Textile (cloth) covers that are intended for source control. **They are not personal protective equipment (PPE) and it is uncertain whether cloth face coverings protect the wearer.** Guidance on design, use, and maintenance of cloth face coverings is [available](#).

**Facemask:** Facemasks are PPE and are often referred to as surgical masks or procedure masks. Use facemasks according to product labeling and local, state, and federal requirements. FDA-cleared surgical masks are designed to protect against splashes and sprays and are prioritized for use when such exposures are anticipated, including surgical procedures. Facemasks that are not regulated by FDA, such as some procedure masks, which are typically used for isolation purposes, may not provide protection against splashes and sprays.

**Respirator:** A respirator is a personal protective device that is worn on the face, covers at least the nose and mouth, and is used to reduce the wearer’s risk of inhaling hazardous airborne particles (including dust particles and infectious agents), gases, or vapors. Respirators are certified by the CDC/NIOSH, including those intended for use in healthcare. The appendix to CDC’s [COVID-19 Infection Control Guidance for Healthcare Personnel](#) addresses the different types of respirators.

## Section 2 – Recommended PPE by Setting

**Note:** The guidance included here is based on best-practice recommendations from authorities such as the Centers for Disease Control and Prevention (CDC). The amount of published scientific literature pertaining to SARS-CoV-2 (the virus that causes COVID-19) is growing, so these recommendations, and the guidance included here, are subject to change.

### A. Adult Day Services\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients/clients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas for patients/clients with suspected or confirmed COVID-19		X (preferred)	X*			X (not preferred)
Clients/Patients and any of their contacts (e.g., family members) who enter the facility		X (if they do not have a cloth face covering)				X (if able to tolerate)
<p><b>Setting Notes:</b> “Adult Day Services offer community-based non-residential supports to assist adults with physical and/or cognitive impairments to remain as active in their communities as possible. Adult day centers provide a safe, supportive environment where people can come during the day and receive a range of professional health, social and therapeutic services, as well as a nutritious meal and valuable social interaction. Adult day services also provide respite, support and education to family members and caregivers.” – Vermont Department of Disabilities, Aging, and Independent Living</p> <p>As of 3/17/2020, Vermont Adult Day and Senior Centers received guidance strongly recommending temporary closure.</p> <p>*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p>						

**Guidance relevant to this setting:**

1. [CDC's Guidance for LTCF](#)
2. [CDC's COVID-19 Infection Control Guidance](#)

**B. Assisted Living Residences & Residential Care Homes\***

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients/clients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas for patients/residents with suspected or confirmed COVID-19		X (preferred)	X*			X (not preferred)
Residents		X (may be provided if cloth mask not available upon presentation)				X (when outside room if able to tolerate)
Visitors		X (may be provided if cloth mask not available upon presentation)				X

**Setting Notes:**

\*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.

**Guidance relevant to this setting:**

1. [CDC's COVID-19 Considerations for Assisted Living](#)
2. [CDC's Guidance for LTCF](#)

3. [CDC's COVID-19 Infection Control Guidance](#)

**C. Community-based Essential Services (e.g., DCF)\***

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Essential workers						X
The general public						X
<p><b>Setting Notes:</b> The role of non-PPE-based control measures, such as strategies to promote social distancing and implementation of remote or tele-appointments, play an important role in protecting essential workers and the persons they interact with. Vermont's Department of Children and Families, Family Services Division, has determined that when in-person contact is necessary, clients will first be screened for signs/symptoms of illness, and hand hygiene measures and social distancing will be reinforced (source: <a href="https://dcf.vermont.gov/sites/dcf/files/CVD19/FSD-Stakeholder-Updates.pdf">https://dcf.vermont.gov/sites/dcf/files/CVD19/FSD-Stakeholder-Updates.pdf</a>).</p>						
<p><b>Guidance relevant to this setting:</b></p> <p>1. <a href="#">CDC's Guidance on How to Protect Yourself and Others</a></p>						

**D. Community-based Healthcare Services (e.g., visiting nurse services)\***

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Healthcare personnel conducting home visits to patients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X (particularly when splashes / sprays anticipated)	
Healthcare personnel conducting home visits to asymptomatic patients with no known COVID-19 exposure		X (preferred)	X*			X (not preferred)
Clients / the general public						X (if able to tolerate)
<p><b>Setting Notes:</b> The role of non-PPE-based control measures, such as strategies to promote social distancing and implementation of remote or tele-appointments, play an important role in protecting essential workers and the persons they interact with. Employment of pre-visit questionnaires to screen for signs/symptoms of illness can help reduce risk.</p> <p>*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's Guidance on How to Protect Yourself and Others</a></li> <li><a href="#">CDC's Guidance on Implementing Home Care for People Not Requiring Hospitalization for COVID-19</a></li> </ol>						

### E. Correctional and Detention Facilities\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Asymptomatic incarcerated/detained persons (under quarantine as close contacts of a COVID-19 case)		X (as supply allows)				X (if reserving facemasks)
Incarcerated/detained persons who are confirmed or suspected COVID-19 cases, or showing symptoms of COVID-19		X (as supply allows)				X (if reserving facemasks)
Incarcerated/detained persons in a work placement handling laundry or used food service items from a COVID-19 case or case contact				X	X	
Incarcerated/detained persons in a work placement, cleaning areas where a COVID-19 case has spent time	Additional PPE may be needed based on the product label. See <a href="#">CDC guidelines</a> for more details.			X	X	
Staff having direct contact with asymptomatic incarcerated/detained persons under quarantine as close contacts of a COVID-19 case* (but not performing temperature checks or providing medical care)		Facemask, eye protection, and gloves as local supply and scope of duties allow.				
Staff performing temperature checks on any group of people (staff, visitors, or incarcerated/detained persons), or providing medical care to asymptomatic quarantined persons		X	X	X	X (required for medical care; consider for brief low/no contact temp checks)	
Staff having direct contact with (including transport) or offering medical care to confirmed or suspected COVID-19 cases (see <a href="#">CDC infection control guidelines</a> )	X (preferred)	X (if respirator not available)	X	X	X	
Staff present during a procedure on a confirmed or suspected COVID-19 case that may generate respiratory aerosols (see <a href="#">CDC infection control guidelines</a> )	X		X	X	X	

Staff handling laundry or used food service items from a COVID-19 case or case contact				X	X	
Staff cleaning an area where a COVID-19 case has spent time	Additional PPE may be needed based on the product label. See <a href="#">CDC guidelines</a> for more details.			X	X	
<b>Setting Notes:</b>						
<b>Guidance relevant to this setting:</b>						
<ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Guidance for Correctional and Detention Facilities</a></li> <li><a href="#">CDC's COVID-19 Infection Control Guidance</a></li> </ol>						

## F. COVID-19 Test Sites/Clinics\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Healthcare personnel coming within 6' of a patient to conduct or help with specimen collection	X		X	X	X	
Healthcare personnel maintaining > 6' distance from patients conducting self-collection of specimens		X	X*	X		
Patients						X (removed as necessary for testing)
<b>Setting Notes:</b>						
<p>“*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p>						
<b>Guidance relevant to this setting:</b>						
<ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Infection Control Guidance</a></li> <li><a href="#">CDC's Guidance for Broad-Based Testing for SARS-CoV-2 in Congregate Settings</a></li> </ol>						

### G. Dental Facilities\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Dental HCP providing care to patients with suspected or confirmed COVID-19	X		X	X	X	
Dental HCP providing care to patients during procedures likely to generate splashing or splattering of blood or other body fluids and aerosol generating procedures	X (required if moderate or substantial community transmission)	X (if respirator not available; pair with full-face shield)	X (full-face shield if not using respirator)	X	X	
Dental HCP providing care to patients during procedures that are <b>not</b> likely to generate splashing or splattering of blood or other body fluids, or do not generate aerosols		X	X*			
Dental HCP in the facility but not in-patient care areas		X (preferred)	X*			X (not preferred)
Patients		X (if cloth face covering not available)				X (removed as needed during provision of care)
<p><b>Setting Notes:</b> Delivery of routine dental healthcare during the pandemic will necessarily look differently than beforehand. Practices should consider if and when procedures, surgeries, and non-urgent outpatient visits will be postponed. Measures like screening and triage should be implemented as part of the offering dental healthcare services during this time.</p> <p>*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Guidance for Dental Settings</a></li> <li><a href="#">CDC's COVID-19 Infection Control Guidance</a></li> </ol>						

## H. Dialysis Facilities\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Healthcare personnel caring for patients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas for patients/clients with suspected or confirmed COVID-19		X (preferred)	X*			X (not preferred)
Patients		X (may be provided if they do not have a cloth face covering)				X
<b>Setting Notes:</b> *Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.						
<b>Guidance relevant to this setting:</b> 1. <a href="#">CDC's COVID-19 Guidance for Dialysis Facilities</a> 2. <a href="#">CDC's COVID-19 Infection Control Guidance</a>						

## I. First Responders (e.g., EMS, Law Enforcement, Firefighters)

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
EMS responders who will have close contact (< 6') with any potential emergency medical patient		X	X	X		
EMS responders who will have close contact (< 6') with any potential emergency medical patient undergoing an aerosol-generating procedure	X		X	X	X	
EMS, Law enforcement, firefighters, and other first responders who will have close contact (< 6') with individuals with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
Patients/Clients		X (if possible)				
Family members and contacts (should be excluded from riding in transport vehicle if possible)		X (if in transport vehicle)				
<p><b>Setting Notes:</b> From CDC's Guidance for EMS, linked below: "If information about potential for COVID-19 has not been provided by the PSAP, EMS clinicians should exercise appropriate precautions when responding to any patient with signs or symptoms of a respiratory infection. Initial assessment should begin from a distance of at least 6 feet from the patient, if possible. Patient contact should be minimized to the extent possible until a facemask is on the patient. If COVID-19 is suspected, all PPE as described below should be used. If COVID-19 is not suspected, EMS clinicians should follow standard procedures and use appropriate PPE for evaluating a patient with a potential respiratory infection."</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Guidance for EMS</a></li> <li><a href="#">CDC's COVID-19 Guidance for Law Enforcement Personnel</a></li> </ol>						

## J. Government Facilities (e.g., State or Municipal Employees)

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Government employees						X
Government employees conducting temperature checks			X	X		X
Asymptomatic critical infrastructure workers with possible COVID-19 exposure who must work to maintain essential operations		X				

**Setting Notes:** The Department of Homeland Security reference below states that government facilities encompass “general-use office buildings and special-use military installations, embassies, courthouses, national laboratories, and structures that may house critical equipment, systems, networks, and functions.” Employees in these settings may be considered critical infrastructure workers. It may be necessary for critical infrastructure workers to continue working while asymptomatic following a possible COVID-19 exposure.

The recommendations in this table are intended for government facility employees working in office environments. These recommendations include recommendations for working in those settings in the context of the COVID-19 response. These recommendations are not intended to supersede more stringent recommendations that are specific to the nature of a given employee’s work. First responders (EMS, firefighters, law enforcement) should follow recommendations in Table H. Public transit operators should follow recommendations in Table O. Correctional facility employees should follow recommendations in Table E.

**Guidance relevant to this setting:**

1. [Department of Homeland Security: Government Facilities Sector](#)
2. [CDC’s Guidance for Critical Infrastructure Workers with Possible COVID-19 Exposure](#)
3. [CDC's Employer Information for Office Buildings](#)
4. [CDC's Guidance for Businesses and Employers](#)

## K. Grocery Stores & Essential Retail Establishments

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Essential workers						X
Essential workers contacting ready-to-eat foods				X		X
Customers / the general public						X
<p><b>Setting Notes:</b> Governor Scott’s March 24<sup>th</sup> Executive Order details several essential business categories, including grocery stores, pharmacies, animal feed and essential supplies, fuel products and supply, hardware stores, and more. That list is available in the executive order linked below. Any parties interested in additional guidance or clarification can submit inquiries via the Agency of Commerce and Community Development’s form linked below.</p> <p>The role of non-PPE-based control measures, such as strategies to promote social distancing and enhance environmental cleaning play an important role in settings such as essential businesses. Per FDA “The cloth face coverings recommended by CDC are not surgical masks or N-95 respirators. Those are critical supplies that must continue to be reserved for healthcare workers and other medical first responders, as recommended by current CDC guidance.”</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li>3. <a href="#">FDA’s Guidance on Food Safety and COVID-19</a></li> <li>4. <a href="#">Governor Scott’s Executive Order No. 01-20, Dated 3/24/2020</a></li> <li>5. <a href="#">Vermont Agency of Commerce and Community Development Form to Request Guidance on Stay Home, Stay Safe Executive Order</a></li> </ol>						

## L. Hospitals\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas for patients with suspected or confirmed COVID-19		X (preferred)	X*			X (not preferred)
Patients		X (may be provided if cloth mask not available upon presentation)				X (When outside room if able to tolerate)
Visitors		X (may be provided if cloth mask not available upon presentation)				X
<b>Setting Notes:</b> *Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.						
<b>Guidance relevant to this setting:</b> 1. <a href="#">CDC's COVID-19 Infection Control Guidance</a>						

**M. Independent Living Facilities and Senior Living Communities**

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Essential Personnel						X
Residents						X (when outside their home)
Visitors						X (when outside a residence)
<b>Setting Notes:</b>						
<b>Guidance relevant to this setting:</b>						
1. <a href="#">CDC's COVID-19 Guidance for Retirement Communities and Independent Living Facilities</a>						

## N. Inpatient Psychiatric Care Facilities\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas of patients with suspected or confirmed COVID-19		X (preferred)	X*			X
Patients		X (may be provided if cloth mask not available upon presentation)				X (when outside room if able to tolerate)
Visitors		X (may be provided if cloth mask not available upon presentation)				X
<b>Setting Notes:</b> *Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.						
<b>Guidance relevant to this setting:</b> 1. <a href="#">CDC's COVID-19 Infection Control Guidance</a>						

## O. Meat and Poultry Processing Facilities

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Employees in Meat and Poultry Processing Facilities						X
Asymptomatic critical infrastructure workers with possible COVID-19 exposure who must work to maintain essential operations		X				
<p><b>Setting Notes:</b> From the CDC guidance linked below: “Workers involved in meat and poultry processing are not exposed to SARS-CoV-2 through the meat products they handle. However, their work environments—processing lines and other areas in busy plants where they have close contact with coworkers and supervisors—may contribute substantially to their potential exposures.” Employees in meat and poultry processing facilities may be considered critical infrastructure workers. It may be necessary for critical infrastructure workers to continue working while asymptomatic following a possible COVID-19 exposure.</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC’s COVID-19 Guidance for Meat and Poultry Processing Facilities</a></li> <li><a href="#">CDC’s Guidance for Critical Infrastructure Workers with Possible COVID-19 Exposure</a></li> </ol>						

## P. Nursing Homes\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients/clients with suspected or confirmed COVID-19 or in the care areas of patients/clients on quarantine for COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in patient/resident care areas		X (preferred)	X*			X (not preferred)
Visitors		X (may be provided if cloth mask not available upon presentation)				X
<p><b>Setting Notes:</b> From CDC’s Guidance for LTCF, linked below: “Because of the higher risk of unrecognized infection among residents, universal use of all recommended PPE for the care of all residents on the affected unit (or facility-wide depending on the situation) is recommended when even a single case among residents or HCP is identified in the facility; this should also be considered when there is sustained transmission in the community. The health department can assist with decisions about testing of asymptomatic residents.”</p> <p>*Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p> <p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's Guidance for LTCF</a></li> <li><a href="#">CDC’s COVID-19 Infection Control Guidance</a></li> </ol>						

## Q. Pharmacies

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Pharmacy staff conducting COVID-19 testing and other close-contact patient care procedures that will likely elicit coughs or sneezes (e.g., influenza and strep testing)	X	X (if respirator not available)	X	X	X	
Pharmacy staff not conducting COVID-19 testing and other close-contact patient care procedures		X (if available)				X (if facemask not available)
Clients/Customers who must enter the pharmacy		X (for individuals without a cloth face covering)				X (preferred, if able to tolerate)
<b>Setting Notes:</b> Engineering controls (e.g., physical barriers) and administrative controls (e.g., social distancing measures, self-serve options) play an important role in preventing the transmission of COVID-19 in pharmacies.						
<b>Guidance relevant to this setting:</b> 1. <a href="#">CDC's Guidance for Pharmacies</a>						

## R. Primary Care and Community Health Centers\*

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas of patients with suspected or confirmed COVID-19		X (preferred)	X*			X (not preferred)
Patients		X (may be provided if cloth mask not available upon presentation)				X
Visitors		X (may be provided if cloth mask not available upon presentation)				X
<b>Setting Notes:</b> *Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.						
<b>Guidance relevant to this setting:</b> 1. <a href="#">CDC's COVID-19 Infection Control Guidance</a>						

## S. Public Transit Operators

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Transit Operators						X
Transit Operators coming in direct contact with passenger belongings or surfaces contaminated by body fluids				X		X
Transit Operators who must come in prolonged direct contact with passengers (e.g., performing wheelchair safety services)		X (if available)	X (if available)	X		X (if facemask not available)
Passengers						X
<p><b>Setting Notes:</b> Protecting the health and safety of transit operators and passengers involves several levels of controls before the use of PPE. These include interventions to promote appropriate social distancing (&gt; 6') and effective hand hygiene. In instances where transit operators must have direct contact with passengers or their belongings, use of at least gloves is indicated.</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Guidance for Bus Transit Operators</a></li> <li><a href="#">CDC's Guidance on How to Protect Yourself and Others</a></li> </ol>						

**T. Schools**

Classification of Individual Wearing PPE	Respirator (fit-tested N95)*	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE) <sup>1</sup>
Staff having routine interactions with students						X
Staff involved in repetitive short close encounters with students such as screening			X	X		X
School Nurses & Designated Health Personnel Performing routine medical care duties **		X	X	X		
School Nurses & Designated Health Personnel caring for students with symptoms that do not suggest need for COVID-19 testing according to the most recent VDH guidelines.		X	X	X		
Staff working in close proximity to students unable to control bodily fluids <sup>2 ***</sup>		X	X	X	X	
School Nurses and Designated Health Personnel caring for individuals with symptoms suggestive of need for COVID-19 testing according to the most recent VDH guidelines or involved in procedures that generate aerosols****	X		X	X	X	

**Setting Notes:**

\* To use fit-tested N-95s schools must have a Respiratory Protection Program in place that include medical evaluation, training, and fit testing. If this is not in place, a surgical facemask and a face shield or goggle should be used (Sec. 1).

\*\* These routine tasks include, but are not limited to first aid, oral medication administration, vision screening, hearing screening, consultation, blood glucose checks (diabetes care), MDI treatments or use of peak flow meters for students with asthma.<sup>3</sup>

Students with chronic health conditions who are well and attending school, may receive routine care. Children who receive nebulized treatments should be encouraged to replace the nebulizer with oral inhalers whenever possible. Based on limited data, use of asthma inhalers (with or without spacers or face masks) is not considered an aerosol-generating procedure.

\*\*\* When working 1-1 with students unable to control bodily fluids, each student should be assessed by the school nurse, family, IEP coordinator to determine accommodations unique to that student. It may be appropriate to consult the medical provider or OT or PT for additional guidance. For more information consult the resource below<sup>2</sup>.

\*\*\*\* When caring for individuals with symptoms suggestive of need for COVID-19 testing according to the most recent VDH guidelines or involved in procedures that generate aerosols such as the physical (nursing) assessment of any individual suspected of having COVID-19 additional PPE may be recommended. As soon as possible and as tolerated, a sick individual should wear a surgical mask until they leave for home or to a health care facility. Tasks that require close/direct contact with (i.e. within 6 feet of) people who are not known or suspected COVID-19 patients but are undergoing procedures with potential for aerosol generation or body fluid contact, such as, but not limited to: open suctioning of airways, sputum induction, non-invasive ventilation (e.g., BiPAP, CPAP), and manual ventilation. It is advisable to do this assessment and any other airway procedures in a well ventilated room isolated from others.

Due to limited availability of data, it is uncertain whether aerosols generated by nebulizer treatments are potentially infectious. During this COVID-19 pandemic, nebulizer treatments at school should be reserved for children who cannot use or do not have access to an inhaler (with or without spacer or face mask).<sup>3</sup> Since some people can be asymptomatic with COVID-19 reasonable attempts should be made to reduce possible aerosol and respiratory droplet induction during care or treatment.

Schools are strongly encouraged to provide nebulized treatments outside, weather permitting, or in a room vented to the outside that can be closed afterwards. Personnel should wear full PPE (N95, face shield, gown) during the procedure. This may be a reason that the procedure needs to be done at home or family to come and do treatment in their car during the day. Please discuss this with the family and the medical provider.

KN95 Respirators<sup>4</sup>: KN95s are not currently (as of the date of this document) a substitute for fit-tested N95 respirators. If you need to provide close contact care with or duties for symptomatic individuals, please consult with your school nurse or medical consultant for more information. KN95s are currently NOT suitable for use in situations where a fit-tested N95 respirator is recommended such as aerosolizing medical procedures, e. g., suctioning an airway. If however, fit-tested N95 respirators are *indicated* but not available, KN95 respirators may be used in their place. KN95 respirators may routinely be used in lieu of a facemask or cloth facial covering. If [Crisis Standards of Care](#) beset our N95 supply, certain state tested KN95s may be used as N95 alternatives.

**Guidance relevant to this setting:**

<sup>1</sup> [Back to School: Types of Masks \(UVM- Children’s Hospital\)](#)

<sup>2</sup> [Toileting and Diapering: When Physical Distancing is Difficult or Contraindicated for Students on IEPs \(9/15/20\)](#)

<sup>3</sup> [CDC’s K-12 Schools and Child Care Programs: FAQs for Administrators, Teachers, and Parents about Inhalers](#)

<sup>4</sup> [INSTRUCTIONS FOR USE AND WEAR OF A KN95 MASK IN SCHOOLS \(7/30/20\)](#)

**U. Shelters for Marginally Housed Persons**

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
Essential personnel				X (if handling client belongings)		X
Essential personnel conducting temperature checks			X	X		X
Shelter clients						X
Shelter clients with signs or symptoms of illness		X				

**Setting Notes:**

**Guidance relevant to this setting:**

1. [CDC’s COVID-19 Guidance for Homeless Service Providers](#)

## V. Therapeutic Community Residences and Recovery Facilities

Classification of Individual Wearing PPE	Respirator	Facemask	Eye Protection	Gloves	Gown / Coveralls	Cloth Face Covering (Not PPE)
HCP in care areas of patients/clients with suspected or confirmed COVID-19	X	X (if respirator not available)	X	X	X	
HCP in the facility but not in care areas of patients/clients with suspected or confirmed COVID-19		X (preferred)	X*			X (not acceptable in any patient care areas)
Essential personnel conducting temperature checks		X	X	X		
Residents		X (when symptomatic)				X (consider implementing in shared spaces)
Visitors						X
<p><b>Setting Notes:</b>            *Encounters with asymptomatic or presymptomatic patients with COVID-19 are more likely in the context of moderate or substantial community transmission. In such instances, use of universal eye protection reduces the potential for high-risk exposure (and resultant exclusion and quarantine recommendations) to providers.</p>						
<p><b>Guidance relevant to this setting:</b></p> <ol style="list-style-type: none"> <li><a href="#">CDC's COVID-19 Infection Control Guidance</a></li> <li><a href="#">CDC's Guidance on How to Protect Yourself and Others</a></li> </ol>						

**W. Veterinary Practices**

Classification of Individual Wearing PPE	Respirator <sup>4</sup>	Facemask	Eye Protection	Gloves <sup>3</sup>	Gown / Coveralls	Cloth Face Covering (Not PPE)
Veterinary HCP caring for a <b>healthy</b> companion animal <b>without</b> exposure to a person with COVID-19 compatible symptoms <sup>1,2</sup>	Standard Precautions should be employed.					
Veterinary HCP caring for a companion animal with an illness that is <b>not</b> suspicious of SARS-CoV-2 infection <sup>5</sup> and <b>without</b> exposure to a person with COVID-19 compatible symptoms <sup>1,2</sup>	Standard Precautions should be employed.					
Veterinary HCP caring for a companion animal that is <b>not</b> suspicious of SARS-CoV-2 infection <sup>5</sup> BUT <b>has</b> exposure to a person with COVID-19 compatible symptoms		X		X		
Veterinary HCP caring for a companion animal with an illness that <b>is</b> suspicious of SARS-CoV-2 infection <sup>5</sup>	X <sup>7</sup>	X	X	X	X	
Veterinary HCP performing an aerosol-generating procedure for <b>any</b> animal <b>without</b> an exposure to a person with COVID-19 compatible symptoms <sup>6</sup>	X <sup>7</sup>	X	X	X	X	
Veterinary HCP performing an aerosol-generating procedure for <b>any</b> animal <b>with</b> an exposure to a person with COVID-19 compatible symptoms <sup>6</sup>	X		X	X	X	
Veterinary HCP caring for an animal that is known to be currently infected with SARS-CoV-2 through detection by a validated RT-PCR assay	X		X	X	X	
Veterinary HCP caring for an animal where a person with suspected or confirmed COVID-19 will be present	X		X	X	X	
Clients/Animal Owners/Visitors		X (consider offering if no cloth face covering upon arrival)				X
<b>Setting Notes:</b> “At this time, there is no evidence that animals play a significant role in spreading the virus that causes COVID-19.” (source: <a href="https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/animals.html">https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/animals.html</a> ).						

<sup>1</sup>PPE Standard Precautions should be applied in any setting where veterinary care is delivered and if exposure to exudates, feces, saliva, or other animal fluids is possible.

<sup>2</sup>A companion animal's exposure to SARS-CoV-2 or COVID-19 exposure in this context refers to the following conditions within the 14 days before the animal is presented for veterinary care:

- Being within approximately 6 feet (2 meters) of a person with suspected or confirmed COVID-19 starting from 2 days before the person's illness onset (or, for asymptomatic human patients, 2 days before positive specimen collection) until the time the person is isolated.
- Having direct contact with infectious secretions from a person with suspected or confirmed COVID-19 starting from 2 days before the person's illness onset (or, for asymptomatic human patients, 2 days before positive specimen collection) until the time the person is isolated. Direct contact could include an animal being coughed, sneezed, or spit on by an infected person or sharing food or consuming something that was recently contaminated with an infected person's mucous or saliva.

<sup>3</sup>Reusable (i.e., washable) gowns are typically made of polyester or polyester-cotton fabrics. Gowns of these fabrics can be safely laundered according to routine procedures and reused.

<sup>4</sup>Respiratory protection that is at least as protective as a fit tested NIOSH-certified disposable N95 filtering facepiece respirator is recommended.

- Please see [CDC's recommendations for alternatives for N95 respirators.](#)
- If an N95 respirator is not available, use a combination of a surgical mask and a full face shield.
- Respirator use should be in the context of a complete respiratory protection program in accordance with the Occupational Safety and Health Administration Respiratory Protection standard (29 CFR 1910.134), which includes medical evaluations, training, and fit testing.

<sup>5</sup> Clinical signs expected to be compatible with possible SARS-CoV-2 infection in companion animals may include:

- Fever
- Coughing
- Difficulty breathing or shortness of breath
- Lethargy
- Sneezing
- Nasal/Ocular discharge
- Vomiting
- Diarrhea

Veterinarians should consider the patient's potential for exposures to COVID-19 when determining whether the patient has suspected SARS-CoV-2 infection.

<sup>6</sup>Aerosol-generating procedures, such as suction or bronchoscopy, should be avoided if possible on any animals that have been exposed to or are suspected of being infected with SARS-CoV-2.

<sup>7</sup>An N95 mask may be preferred depending on practitioner's judgement.

**Guidance relevant to this setting:**

1. [CDC's COVID-19 Guidance If You Have Animals](#)

## Section 3 – PPE Supply Optimization

### Who needs PPE?

1. **HCP** working in care areas of patients/clients with suspected or confirmed COVID-19 should wear full PPE
  - **HCP** not directly involved in patient care or entering into patient care areas may still need to wear some PPE (e.g., facemask)
2. **Patients** with confirmed or possible COVID-19 infection should wear a facemask when being evaluated medically
3. **Certain sub-sets of essential workers** including law enforcement, correctional officers, and school personnel may need to wear PPE during close interactions with persons with confirmed or possible COVID-19 infection, or in carrying out certain sanitation activities.

### Contingency strategies for conserving PPE – ALL U.S. HEALTHCARE FACILITIES SHOULD BE IMPLEMENTING (AT LEAST) CONTINGENCY CAPACITY STRATEGIES

In contingency mode, strategies should be implemented to reduce opportunities that require PPE and extend the life of PPE that is necessary.

Facilities using PPE should:

- Consider canceling elective and non-urgent procedures and appointments for which PPE is typically used by HCP.
- Shift from disposable PPE to reusable PPE (e.g. reusable eye protection including goggles and face shields and cloth isolation gowns).
- Implement extended use policies for eye protection, facemasks, and N95s. Extended use is the practice of wearing the same PPE for repeated close contact encounters with several different patients, without removing PPE between patient encounters (Table 3.1).
- Utilize expired PPE for fit testing and providing training in donning and doffing.

**Table 3.1 Contingency Capacity Extended Use Details**

<b>PPE</b>	<b>Extended Use Details</b>
<b>Eye Protection</b>	<ol style="list-style-type: none"> <li>1. Eye protection should be removed and reprocessed if it becomes visibly soiled or difficult to see through</li> <li>2. Eye protection should be discarded if damaged</li> <li>3. HCP should take care not to touch their eye protection. If they touch or adjust their eye protection, they must immediately perform hand hygiene.</li> <li>4. HCP should leave patient care area if they need to remove their eye protection</li> </ol>
<b>Masks</b>	<ol style="list-style-type: none"> <li>1. The facemask should be removed and discarded if soiled, damaged, or hard to breathe through.</li> <li>2. HCP must take care not to touch their facemask. If they touch or adjust their facemask, they must immediately perform hand hygiene.</li> <li>3. HCP should leave the patient care area if they need to remove the facemask.</li> <li>4. Restrict facemasks to use by HCP, rather than patients for source control.</li> <li>5. Have patients with symptoms of respiratory infection use tissues or other barriers to cover their mouth and nose.</li> </ol>
<b>N95s</b>	<ol style="list-style-type: none"> <li>1. When practicing extended use of N95 respirators, the maximum recommended extended use period is 8–12 hours.</li> <li>2. Respirators should not be worn for multiple work shifts and should not be reused after extended use.</li> <li>3. N95 respirators should be removed (doffed) and discarded before activities such as meals and restroom breaks.</li> <li>4. Consider suspending the requirement for annual N95 fit testing for HCP who have completed the initial medical evaluation and fit test.</li> </ol>
<b>Gowns</b>	<p>Extended use of gowns is a crisis capacity strategy. Contingency capacity strategies for optimizing gown supplies include:</p> <ol style="list-style-type: none"> <li>1. Shift gown use toward reusable (i.e., washable) gowns.</li> <li>2. Consider the use of coveralls.</li> <li>3. Use expired gowns beyond the manufacturer-designated shelf life for training.</li> <li>4. Use gowns or coveralls conforming to international standards.</li> </ol>

<p><b>Gloves</b></p>	<p>Extended use of disposable medical gloves is a crisis capacity strategy. Contingency capacity strategies for optimizing glove supplies include:</p> <ol style="list-style-type: none"> <li>1. Facilities may consider using gloves past their manufacturer-designated shelf life (if a shelf life is designated) for situations where HCP are <b>not</b> exposed to pathogens, such as during training activities.</li> <li>2. Healthcare facilities may consider using disposable medical gloves that are <i>similar to</i> FDA-cleared surgical and examination gloves but are approved under other U.S. or international standards.</li> </ol>
<p><b>Guidance relevant to PPE optimization strategies</b>  <a href="#">CDC's Guidance for Laundering Reusable Gowns</a>  <a href="#">CDC's Guidance for Optimizing PPE</a>  <a href="#">CDC's Guidance for Using PPE</a></p>	

### **Crisis strategies for conserving PPE –U.S. HEALTHCARE FACILITIES SHOULD ASSESS NEED FOR CRISIS CAPACITY STRATEGIES**

In crisis mode, strategies should be implemented to prioritize PPE use for necessary patient encounters and implement limited PPE re-use to extend supplies.

Facilities using PPE should:

- Consider canceling all elective and non-urgent procedures and appointments for which PPE is typically used by HCP.
- Implement extended use of gowns when working with all COVID-19 positive cohorts.
  - Extended use of gowns should be implemented only if there are no additional co-infectious diagnoses transmitted by contact (such as *Clostridioides difficile*) among patients.
  - If the gown becomes visibly soiled, it must be removed and discarded.
- When no gowns are available, consider using gown alternatives that have not been evaluated as effective
  - In situation of severely limited or no available isolation gowns, the following pieces of clothing can be considered as a last resort for care of COVID-19 patients as single use. However, none of these options can be considered PPE, since their capability to protect HCP is unknown. Preferable features include long sleeves and closures (snaps, buttons) that can be fastened and secured.
    - Disposable laboratory coats
    - Reusable (washable) patient gowns
    - Reusable (washable) laboratory coats

- Disposable aprons
- Combinations of clothing: Combinations of pieces of clothing can be considered for activities that may involve body fluids and when there are no gowns available:
  - Long sleeve aprons in combination with long sleeve patient gowns or laboratory coats
  - Open back gowns with long sleeve patient gowns or laboratory coats
  - Sleeve covers in combination with aprons and long sleeve patient gowns or laboratory coats
- Reusable patient gowns and lab coats can be safely laundered according to [routine procedures](#).
  - Laundry operations and personnel may need to be augmented to facilitate additional washing loads and cycles
  - Systems are established to routinely inspect, maintain (e.g., mend a small hole in a gown, replace missing fastening ties) and replace reusable gowns when needed (e.g., when they are thin or ripped)
- Use eye protection, gloves, facemasks, and N95s beyond the manufacturer-designated shelf life during patient care activities.
  - Sterile gloves past their manufacturer-designated shelf life should not be used for surgical or other sterile procedures.
- Prioritize which patient encounters require PPE (Table 3.2).
- Implement limited re-use of N95s, cloth isolation gowns, and facemasks (Table 3.3).
  - Limited re-use is the practice of using the same PPE by one HCP for multiple encounters with different patients but removing it after each encounter. As it is unknown what the potential contribution of contact transmission is for SARS-CoV-2, care should be taken to ensure that HCP do not touch outer surfaces of the PPE during care, and that doffing and replacement be done in a careful and deliberate manner.

**Table 3.2 Prioritizing PPE During Crisis Capacity**

<b>PPE</b>	<b>Encounters to Prioritize Using PPE</b>
<b>Eye Protection</b>	<ol style="list-style-type: none"> <li>1. During care activities where splashes and sprays are anticipated, which typically includes aerosol generating procedures.</li> <li>2. During activities where prolonged face-to-face or close contact with a potentially infectious patient is unavoidable.</li> </ol>
<b>Masks</b>	<ol style="list-style-type: none"> <li>1. For provision of essential surgeries and procedures</li> <li>2. During care activities where splashes and sprays are anticipated</li> <li>3. During activities where prolonged face-to-face or close contact with a potentially infectious patient is unavoidable</li> <li>4. For performing aerosol generating procedures if respirators are no longer available</li> </ol>
<b>N95s</b>	<ol style="list-style-type: none"> <li>1. When HCP will be present in the room during aerosol generating procedures performed on symptomatic persons</li> <li>2. When a procedure necessitates unmasking a symptomatic patient while a HCP is within 6 feet</li> </ol>
<b>Gowns</b>	<ol style="list-style-type: none"> <li>1. During care activities where splashes and sprays are anticipated, which typically includes aerosol generating procedures</li> <li>2. During the following high-contact patient care activities that provide opportunities for transfer of pathogens to the hands and clothing of healthcare providers, such as:               <ol style="list-style-type: none"> <li>a. Dressing, bathing/showering, transferring, providing hygiene, changing linens, changing briefs or assisting with toileting, device care or use, wound care</li> </ol> </li> <li>3. Surgical gowns should be prioritized for surgical and other sterile procedures. Facilities may consider suspending use of gowns for endemic multidrug resistant organisms (e.g., MRSA, VRE, ESBL-producing organisms).</li> </ol>
<b>Gloves</b>	<ol style="list-style-type: none"> <li>1. Non-sterile disposable gloves should be prioritized for use during activities when gloves are recommended to protect the hands from contact with potentially hazardous substances, including blood and body fluids (e.g., wound care, aerosol generating procedures).</li> <li>2. Facilities may consider suspending use of gloves when entering the room of patients with endemic multidrug resistant organisms (e.g., MRSA, VRE, ESBL-producing organisms). However, HCP should wear gloves when it can be reasonably anticipated that</li> </ol>

contact with blood or other potentially infectious materials, mucous membranes, nonintact skin, or potentially contaminated intact skin could occur. When HCP are exposed to such MDROs, employers must ensure that hand hygiene protocols are stringently followed.

**Guidance relevant to PPE optimization strategies**

[CDC's Guidance for Laundering Reusable Gowns](#)

[CDC's Guidance for Optimizing PPE](#)

[CDC's Guidance for Using PPE](#)

**Table 3.3 Crisis Capacity Reuse Details**

PPE	Reuse Details
<b>Eye Protection</b>	Continue implementing extended use procedures (Table 3.1)
<b>Masks</b>	<ol style="list-style-type: none"> <li>1. The facemask should be removed and discarded if soiled, damaged, or hard to breathe through.</li> <li>2. Not all facemasks can be re-used.               <ul style="list-style-type: none"> <li>○ Facemasks that fasten to the provider via ties may not be able to be undone without tearing and should be considered only for extended use, rather than re-use.</li> <li>○ Facemasks with elastic ear hooks may be more suitable for re-use.</li> </ul> </li> <li>3. HCP should leave patient care area if they need to remove the facemask. Facemasks should be carefully folded so that the outer surface is held inward and against itself to reduce contact with the outer surface during storage. The folded mask can be stored between uses in a clean sealable paper bag or breathable container.</li> </ol>
<b>N95s</b>	<ol style="list-style-type: none"> <li>1. Unless otherwise specified by the manufacturer, limit the number of reuses to no more than five uses per device.</li> <li>2. N95 and other disposable respirators should not be shared by multiple HCP.</li> <li>3. Respirators grossly contaminated with blood, respiratory or nasal secretions, or other bodily fluids from patients should be discarded.</li> <li>4. HCP can consider using a face shield or facemask over the respirator to reduce/prevent contamination of the N95 respirator. HCP re-using an N95 respirator should use a clean pair of gloves when donning or adjusting a previously worn N95 respirator.</li> <li>5. It is important to discard gloves and perform hand hygiene after the N95 respirator is donned or adjusted.</li> <li>6. Consider issuing each HCP who may be exposed to COVID-19 patients a minimum of five respirators to be used on a particular day and stored in a breathable paper bag until the next week to ensure the amount of time in between uses should exceed the 72 hour expected survival time for SARS-CoV2.</li> </ol>
<b>Gowns</b>	<ol style="list-style-type: none"> <li>1. Cloth isolation gowns could potentially be untied and retied and could be considered for re-use without laundering in between.</li> <li>2. In a situation where the gown is being used as part of standard precautions to protect HCP from a splash, the risk of re-using a non-visibly soiled cloth isolation gown may be lower. However, for care of patients with suspected or confirmed COVID-19, HCP risk from re-use of</li> </ol>

	<p>cloth isolation gowns without laundering among (1) single HCP caring for multiple patients using one gown or (2) among multiple HCP sharing one gown is unclear. The goal of this strategy is to minimize exposures to HCP and not necessarily prevent transmission between patients.</p> <p>3. Any gown that becomes visibly soiled during patient care should be disposed of or cleaned.</p>
<p><b>Gloves*</b></p> <p><i>*The following extended use guidance applies only to disposable medical gloves and does not apply to non-healthcare glove alternatives.</i></p>	<ol style="list-style-type: none"> <li>1. During glove supply crisis gloves can remain on but must be sanitized between patients within the cohort to prevent cross transmission of any other pathogens from patient to patient.</li> <li>2. Gloved hands must be cleaned following cleaning procedures described in detail below at intervals where gloves would normally be changed (e.g., when moving from a ‘dirty’ to ‘clean’ task, between patients) or hand hygiene normally performed.</li> <li>3. Disposable medical gloves should always be discarded after:             <ol style="list-style-type: none"> <li>a. Visible soiling or contamination with blood, respiratory or nasal secretions, or other body fluids occurs</li> <li>b. Any signs of damage (e.g., holes, rips, tearing) or degradation are observed</li> <li>c. Maximum of four hours of continuous use</li> <li>d. Doffing. Previously removed gloves should not be re-donned as the risk of tearing and contamination increases. Therefore, disposable glove “re-use” should not be performed.</li> </ol> </li> <li>4. After removing gloves for any reason, hand hygiene should be performed with alcohol-based hand sanitizer or soap and water.</li> </ol>
<p><b>Guidance relevant to PPE optimization strategies</b></p> <p><a href="#">CDC's Guidance for Laundering Reusable Gowns</a></p> <p><a href="#">CDC's Guidance for Optimizing PPE</a></p> <p><a href="#">CDC's Guidance for Using PPE</a></p> <p><a href="#">CDC's Guidance for Extended Use and Limited Reuse of N95s</a></p>	