



Standard Work:
Reprocessing of Single-Use (Disposable) Eye Protection and/or Reusable Eye Protection (Goggles or Face Shield)

Owner(s): Professional Practice Department: All	Created: April 7, 2020 Last Revised: September 22, 2020	Date Approved: April 7, 2020
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Performed By: In program area by point of care staff	Other Roles Involved: Support Service staff involved in cleaning process
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Process Summary:

Use only PPE items provided by the workplace.

Eye protection provides a barrier to infectious materials entering the eye and is often used in conjunction with other personal protective equipment (PPE) such as gloves, gowns, masks or respirators (Centers for Disease Control and Prevention (CDC), 2013).

Eye protection is an integral part of staff protection against transmission of viral particles. Goggles or face shields are required PPE used in Droplet & Contact precautions and Airborne precautions, including aerosol-generating medical procedures (AGMPs).

Extended use of eye protection is the practice of wearing the same eye protection for repeated close contact encounters with several different patients, without removing eye protection between patient encounters.


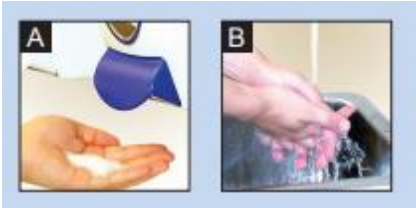
Repeat use of eye protection may be applied to single-use (disposable) and reusable eye protection following appropriate reprocessing measures as outlined in the document.

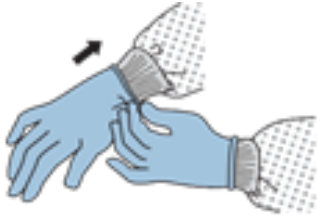
Appropriate donning, doffing, cleaning and reprocessing of these items are keys to maintaining a safe work environment.




Objective:


To provide staff with clear directions in reprocessing of single-use (disposable) and reusable eye protection, including goggles and face shields, in order to extended use. Reprocessing of eye protection requires clear guidelines for cleaning, disinfection, storage and reuse.

Disinfection of eye protection should occur whenever eye protection is contaminated, between patient encounters, and if eye protection is being shared between staff. To preserve supply, all eye protection should be reprocessed and made available for reuse as quickly as possible.

#	Major Steps	Details/Pictures/Visuals	Rationale, Quality or Safety Considerations	Resources
1	Perform Hand Hygiene prior to doffing/ removing eye protection	<p>Clean all surfaces of hands and wrists for 20 seconds using alcohol based hand sanitizer or soap & water.</p> 	<p>Hand hygiene is performed between removal of each item of PPE to reduce the risk of cross contamination of PPE items and self.</p> <p>The sequence of PPE removal should follow a defined regimen developed by Infection Prevention and Control (IPAC) and take into consideration the need to remove other PPE.</p>	<p>Doffing (Taking Off) Personal Protective Equipment</p>
2	Doff/remove eye protection	<p>Doffing Procedure as set out by IPAC requires that eye protection be removed outside the room (or in ante room where available).</p> <p>Eye protection should be removed by handling only the portion of this equipment that secures the device to the head (i.e., plastic temples, elasticized band, ties), as this is considered relatively “clean.” (CDC, 2013)</p> <p>Place eye protection on a designated surface or receptacle in preparation to be cleaned (i.e. in a designated container, on paper towel that will be discarded, or on a surface to be cleaned immediately after procedure).</p>	<p>Appropriate doffing of all eye protection will decrease the chance of cross contamination.</p> <p>The front and sides of the device (i.e., goggles, face shield) should not be touched, as these are the surfaces most likely to become contaminated by sprays, splashes, or droplets during patient care.</p>	<p>Doffing (Taking Off) Personal Protective Equipment</p>
3	Perform hand Hygiene	<p>Immediately after doffing eye protection, perform hand hygiene</p> <ul style="list-style-type: none"> ▪ Clean all surfaces of hands and wrists for 20 seconds using alcohol based hand sanitizer or soap & water. 	<p>Hand hygiene is performed after removal of each item of PPE to reduce the risk of contamination of clean items.</p>	

3	Don/ put on gloves prior to cleaning eye protection	<p>Don clean gloves</p> 	<p>Hand Hygiene reduces the contamination of cleaning supplies.</p> <p>Gloves protect hands from chemical irritants in hospital grade disinfectant cloths.</p>	
4	Clean and disinfect eye protection	<p>Eye protection equipment should be cleaned and disinfected in an area where other soiled equipment is handled.</p> <p><u>Step 4a:</u> Clean visibly soiled areas with a hospital grade disinfectant to remove any debris (i.e. CaviWipes, Accel Prevention wipes, Bleach wipes, etc.).</p> <p><u>Step 4b:</u> Using a second wipe, clean all surfaces ensuring they remain wet for 3 minutes</p> <ul style="list-style-type: none"> ▪ Cavi-wipes, Accel Prevention wipes, and Bleach wipes require 3 minute dwell time to ensure disinfection. ▪ For other hospital grade solutions follow the manufacturer's recommendations). <p><u>Step 4c:</u> Ensure all surfaces which soiled eye protection have touched have been cleaned (repeat steps 4a and 4b as above) or any designated containers or paper towel have been discarded.</p> <p><u>Step 4d:</u> Doff soiled gloves and don a new pair of gloves before proceeding to next steps</p>	<p>Clean eye protection immediately after doffing to reduce the chance for cross contamination. If this is not appropriate or possible, place eye protection into an appropriate bin for later cleaning as per area specific appropriate location.</p> <p>Eye protection should be disinfected in between patient use to avoid cross contamination.</p> <p>Any surfaces touched by soiled eye protection should be disinfected in between patient use to avoid cross contamination.</p> <p>Any disposable receptacles designated for soiled eye protection should be discarded to avoid cross contamination.</p>	
5	Dry eye protection	<p>Place eye protection on a clean, dry surface (as per area specific appropriate location) and ensure that all surfaces of the eye protection are fully dry before donning again.</p>	<p>A wet or contaminated surface may lead to contamination of clean eye protection.</p>	

6	Store eye protection	Store eye protection to be available to re-use (as per area specific appropriate location).	Store eye protection in an area to protect against damage and prolong usage.	
7	Re-use of eye protection	<p><u>Reusable eye protection</u> that has been appropriately cleaned and disinfected may be made available and used by other staff.</p> <ul style="list-style-type: none"> <input type="checkbox"/> GOGGLES SAFETY PROTECTIVE PLASTIC CLEAR EYEWEAR UVEX (Item ID: 00009380)  <p><u>Single-use (disposable) eye protection</u> that has been appropriately cleaned and disinfected should be used by the same staff member only and should not be made available or used by other staff.</p> <ul style="list-style-type: none"> • Staff should clearly identify any single-use (disposable) eye protection with their name (i.e. label with name) <ul style="list-style-type: none"> <input type="checkbox"/> VISOR FACESHIELD FULL FACE (Item ID: 00024198)  <ul style="list-style-type: none"> <input type="checkbox"/> SHIELD FACE FULL FACE TRUTEST (Item ID: 00032410)  <ul style="list-style-type: none"> <input type="checkbox"/> VISOR FACE 3/4LENGTH (Item ID: 00088666) 	<p>Reusable eye protection can be used by the same staff member or different staff members following adequate disinfection.</p> <p>Where possible, staff should be provided dedicated eye protection to insure appropriate fit and to minimize the potential of exposing the next wearer.</p> <p>Single use (disposable) items may only be re-used by the same staff member after cleaning and disinfecting. Clearly identifying these items to reduce the risk of another staff member using the item.</p>	

		 <p>Note: for staff with dermatological sensitivity, the following optional step may be completed prior to donning:</p> <ol style="list-style-type: none"> 1. Wet a paper towel and wipe down the area of the reusable item that will contact skin. 2. Dry with a dry paper towel prior to donning. 		This optional step removes residue from hospital grade wipes that may cause dermatologic sensitivity.	
8	Discarding eye protection	Eye protection should be discarded if damaged (i.e. if visibility is obscured and cleaning does not restore visibility, face shield can no longer fasten securely to the provider, etc.)		Damaged eye protection no longer provides a barrier to infection materials entering the eye.	

References

[Donning \(Putting On\) Personal Protective Equipment Procedure](#)
[Doffing \(Taking Off\) Personal Protective Equipment Procedure](#)
[Personal Protective Equipment \(IPAC\)](#)

National Institute for Occupational Safety and Health (2013). Eye safety. Retrieved from <https://www.cdc.gov/niosh/topics/eye/eye-infectious.html>

Version History

DATE	DOCUMENT NUMBER and TITLE	ACTION TAKEN
26-Mar-2020	C-0506-16-60578 Standard Work: Goggle Cleaning for Re-Use	Developed by Professional Practice Leader Nursing; Approved by Professional Practice Director
07-Apr-2020	Standard Work: Reprocessing of Single-Use (Disposable) Eye Protection and/or Reusable Eye Protection (Goggles or Face Shield)	Developed by Professional Practice Leader Nursing; Approved by Professional Practice Director
4-May-2020	"	Updated by Professional Practice Leader Nursing; Approved by Professional Practice Director
22-Sept-2020	"	Updated; Approved by Professional Practice Director

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