



Health and
Wellness

Prince Edward Island Guidelines for the Use of Personal Protective Equipment (PPE) in Physician Offices

April 2023

Department of Health and Wellness
Chief Public Health Office


PPE Recommendations: Guidance Document

The following document provides PPE recommendations for IPAC use in physician offices. Please refer to the information below as a guide for selecting the most appropriate PPE required for intended use (e.g. gloves for anticipated body fluid exposure, eye protection for entering COVID-19 suspected/confirmed isolations rooms, etc.).




The following PPE are outlined in this document:

- Gown
- Facial/Eye protection
- Masks
- Gloves


Gowns

| General Details: | Recommended: | Pictures in Use: |
|--|---|--|
| <p>-Gowns should be cuffed at the wrist and cover the front and back of the HCW from the neck to mid-thigh.</p> <p>-Stock a variety of sizes so that the gown will be long enough to cover the front and back of the healthcare staff, from the neck to mid-thigh, and the sleeves no shorter than just above the wrist</p> <p>-The gown should be put on with the opening at the back and edges overlapping, covering as much clothing as possible</p> <p>-The gown should tie at the neck and then at the waist</p> <p>Medical gowns distributed and sold in Canada are grouped by category and level of risk:</p> <p>A.low risk level 1 – minimal risk; used for standard precautions and simple procedures level 2 – low risk; used for minimally invasive surgery</p> <p>B.high risk level 3 – moderate risk; used for open gastrointestinal surgeries level 4 – high risk; used for open cardiovascular and trauma procedures</p> <p><i>Note: Surgical gowns</i> (Surgical gowns are sterile textile gowns worn by health care professionals who are performing activities in a sterile environment. Sterile gowns are not required for routine practices and additional precautions).</p> | <p><i>Isolation gowns</i></p> <p>Low risk settings, a level 1 gown is appropriate.</p> <p>Isolation gowns are protective apparel used to protect the clothing of health care professionals, from the transfer of microorganisms and body fluids in patient isolation situations.</p> |  <p>Key Features:</p> <p>Please ensure ties are fastened at back of neck and lower back.</p> <p>If included, ensure thumbs are placed in provided loop to prevent sleeve from rolling up.</p> |


Facial/Eye Protection

| General Details: | Recommended: | Pictures in Use: |
|--|--|--|
| <p>Facial protection includes masks and eye protection. Eye protection includes: safety goggles, face shields, and visors attached to masks.</p> <p>Safety glasses may be acceptable in certain circumstances please consult IPAC team for direction.</p> <p>Criteria for selecting eye protection include:</p> <ul style="list-style-type: none"> -eye protection must provide a barrier to splashes from the side -eye protection may be single-use disposable or cleaned/disinfected before re-use <p><i>Minimum specifications</i> ensure safe and effective face shields:</p> <ul style="list-style-type: none"> -Provide adequate coverage (CSA Z94.3 Sections 0.2.1/10.2.2/10.3/10.4): The size of the face shield is important because it must protect the face and front part of the head. This includes the eyes, forehead, cheeks, nose, mouth, and chin. -Fit snugly to afford a good seal to the forehead area and to prevent slippage of the device -Be made of optically clear, distortion-free, lightweight materials (CSA Z94.3.1-16) -Be free of visible defects or flaws that would impede vision (ANSI Z87.1 Section 9.4). -Be comfortable and easy to assemble, use and remove by health care professionals. -Provide adequate space between the wearer’s face and the inner surface of the visor to allow for the use of ancillary equipment (for example, medical mask, respirator, eyewear) : The characteristics and performance requirements of face shields must not be altered when attaching shields to other protective equipment, such as hats or caps. -Display anti-fog characteristics on inside and outside of shield (CSA Z94.3.1-16): For face shields that are not fog resistant, anti-fog spray must be provided. -Provide user-contacting materials that have adequate material biocompatibility (skin sensitivity and cytotoxic testing) (ISO 10993-5, 10). <p>Other items to take note of include:</p> <ul style="list-style-type: none"> -Face shields used for protection in hospital settings do not have to be impact- or flame- resistant. -For reuse, manufacturers must provide validated cleaning instructions. Sterilization procedures must not compromise the shield in any way, such as deformation or cracking. | <p><i>Facial/Eye protection</i></p> <p>*To meet COVID-19 PPE requirements either of the following:</p> <ul style="list-style-type: none"> -Full face Shield* Or -Tight-Fitting Goggles* <p>Mask with attached visor may be used for non-COVID-19 droplet precautions.</p> <p>Note: Prescription eyeglasses are not acceptable as eye protection.</p> | <p>Full Face Shield</p>  <p>Key Features:</p> <p>Tight fitting along your forehead and covers all aspects of your face, including cheeks</p> <p>Tight-Fitting Goggles</p>   <p>Key Features:</p> <p>Tight fitting to face, including forehead and temples of face. Please ensure secure enough on face to prevent movement when bending down.</p> |

Masks

| General Details: | Recommended: | Pictures in Use: |
|--|---|---|
| <p>May be referred to as a surgical, procedure mask or medical grade. Nose, mouth and chin should be covered when wearing a mask.</p> <p>Masks have several uses:</p> <ul style="list-style-type: none"> - as a barrier to protect from sprays or splashes - as a barrier for infectious sources - as a barrier when performing aseptic/sterile procedures - and as a barrier to protect susceptible hosts when within two metres of patients on droplet precautions <p>Some disposable non-medical masks may look like medical masks but don't meet regulatory standards. Look for a medical mask that has ASTM F2100 or EN 14683 on the box label. This means that this mask has been tested and meets international standards for: • particle and bacterial filtration • breathability • fluid resistance • flammability of materials</p> <p>ASTM Levels</p> <ul style="list-style-type: none"> • ASTM Level 1: Ideal for procedures in which there is low risk of fluid exposure (no splashes or sprays expected). • ASTM Level 2: Ideal for procedures in which there is moderate risk of fluid exposure (splashes or sprays can be produced). • ASTM Level 3: Ideal for procedures in which there is high risk of fluid exposure (splashes or sprays will be produced). | <p><i>Masks</i></p> <p>Procedure Masks ASTM Level 1 is the appropriate choice for Physician office PPE.</p> <p>A Level 2 mask can be considered if there is moderate risk for exposure to larger volumes of bodily fluids, splashes and sprays.</p> |  <p>Key Features:</p> <p>Ensure ear loops are in proper position.</p> <p>Ensure 'blue' facing out (nose touching white colored side)</p> <p>Pinch nose to ensure tight fit</p> <p>Pull down mask to fit under chin</p> <p>Do not dangle used mask from ear or lower to neck.</p> <p>Remove mask using ear loops (do not touch pleated surface with hands). Discharge in waste receptable</p> <p>Never re-use a mask</p> |

Gloves

| General Details: | Recommended for | Pictures in Use: |
|---|--|--|
| <p>They protect both the patient and the wearer</p> <p>Medical gloves are classified as Class II devices and must be licensed as such. This is the case whether the gloves are made of latex, vinyl, synthetic polymer or nitrile, or are sterile or non-sterile. For example, disposable, non-sterile, polyethylene gloves in first aid kits are medical gloves.</p> <p>It is preferable to provide more than one type of glove to health care providers, because it allows the individual to select the type that best suits his/her care activities.</p> <p>Some additional points to consider:</p> <ul style="list-style-type: none"> - good quality vinyl gloves are generally sufficient for most tasks - Synthetic gloves, such as nitrile or neoprene gloves, are preferable for clinical procedures that require manual dexterity and/or will involve more than brief patient contact - powdered latex gloves have been associated with latex allergy - gloves that fit snugly around the wrist are preferred for use with a gown because they will cover the gown cuff and provide a better barrier for the arms, wrists and hands. - If a gown is worn, the glove fits over the gown's cuff. <p>Gloves may be adversely affected by petroleum-based hand lotions or creams. Verify with the glove manufacturer that the gloves are compatible with the hand hygiene products in use in the health care setting (e.g., lotions).</p> | <p><i>Glove Types</i></p> <p>Vinyl: Can be used for many purposes. May not be suitable for certain body fluid exposures (ex. Blood).</p> <p>Nitrile: To be used for anticipated blood exposure (ex. During nursing care procedures) and/or when exposed to large amounts of body fluid exposure.</p> | <p>Nitrile Gloves:</p>  |

References:

<https://www.canada.ca/en/health-canada/services/drugs-health-products/covid19-industry/medical-devices/personal-protective-equipment/medical-gowns.html#a2>

<https://www.canada.ca/en/health-canada/services/drugs-health-products/medical-devices/application-information/guidance-documents/covid19-medical-gowns.html#a3>

<https://www.canada.ca/content/dam/phac-aspc/documents/services/publications/diseases-conditions/routine-practices-precautions-healthcare-associated-infections/routine-practices-precautions-healthcare-associated-infections-2016-FINAL-eng.pdf>




<https://www.cardinalhealth.com/content/dam/corp/web/documents/whitepaper/Face%20Mask%20Selection%20Guide.pdf>

https://www.publichealthontario.ca/-/media/Documents/B/2012/bp-rpap-healthcare-settings.pdf?rev=53eff9799e164881b152e7755d2c64a7&sc_lang=en





Appendix

Below is a list of products available from The Stevens Company. If ordering PPE supplies from this supplier (noted below), please use the following product codes for the PPE listed. Please note that these are examples of products. You may choose options from other PPE distributors or from Stevens on their website

www.stevens.ca.

| Product Name | Product Code | Company Name | Picture of Item (if available) |
|--|---------------|--------------|---|
| MASK FACE PROCEDURE ASTM LEVEL 1 EARLOOPS BLUE BX/50 P80 (box of 50) | #263-PG4-1471 | Stevens |  |
| GOWN ISOLATION - OVERHEAD POLY COATED THUMBLOOP W/ELASTIC CUFF YELLOW UNIVERSAL (10 Ea/Bx) | 263-PM4-77365 | Stevens |  |
| PRO-MEDIX SYNTHETIC VINYL EXAM GLOVES, POWDER FREE, NON STERILE Small (box 150) | #001-SC160100 | Stevens |  |
| Medium(box 150) | #001-SC160200 | Stevens | |
| large(box 150) | #001-SC160300 | Stevens | |
| Extra large(box 150) | #001-SC160350 | Stevens | |

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|--|----------------------|----------------|---|
| <p>POWDER FREE SYNTHETIC VINYL EXAM GLOVES, NON STERILE Small (box 100)</p> | <p>#001-SC161100</p> | <p>Stevens</p> |  |
| <p>medium(box 100)</p> | <p>#001-SC161200</p> | <p>Stevens</p> | |
| <p>large(box 100)</p> | <p>#001-SC161300</p> | <p>Stevens</p> | |
| <p>Extra large(box 100)</p> | <p>#001-SC161350</p> | <p>Stevens</p> | |
| <p>GLOVE EXAM NITRILE P/F N/S MICRO-TOUCH EP Xsmall (box 100)</p> | <p>#202-6034050</p> | <p>Stevens</p> |  |
| <p>Small (box 100)</p> | <p>#202-6034051</p> | | |
| <p>medium(box 100)</p> | <p>#202-6034052</p> | | |
| <p>large(box 100)</p> | <p>#202-6034053</p> | | |
| <p>Extra large(box 100)</p> | <p>#202-6034054</p> | | |
| <p>N-95 PARTICULATE RESPIRATOR MASK 1860 (box 20)</p> | <p>#800-1860</p> | <p>Stevens</p> |  |
| <p>N-95 PARTICULATE RESPIRATOR MASK 1870+ (box 20)</p> | <p>#800-1870+</p> | <p>Stevens</p> |  |
| <p>GOGGLES PROTECTIVE ONE SIZE w/ADJ STRAP/CLEAR LENS BX/24 (box of 24) Splash and dust resistant</p> | <p>#139-9675</p> | <p>Stevens</p> |  |

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|---|------------------------|----------------|---|
| <p>SHIELD FACE FULL DISP w/FOAM HEAD BAND CA/100 P40 (case of 50)</p> | <p>#007-16000-100</p> | <p>Stevens</p> |  |
| <p>SHIELD FACE FULL DISP w/FOAM HEAD-BAND CA/96 (case of 96)</p> | <p>#053-NONFS300</p> | <p>Stevens</p> |  |
| <p>SHIELD FACE FULL DISP w/FOAM HEAD-BAND BX/24 (Case of 24)</p> | <p>#053-NONFS300-X</p> | <p>Stevens</p> |  |
| <p>MASK FACE SURGICAL FLUID-RESISTANT w/EYESHIELD & EARLOOP CA/100 (Box of 100)</p> <p>Please Note: this is a level three mask. Stevens does not have a level 1 mask with attached visor.</p> | <p>#053-NON27410EL</p> | <p>Stevens</p> |  |