



COVID-19: PRECAUTIONS WHEN WORKING AS A LABORATORY TECHNICIAN OR MEDICAL TECHNOLOGIST



OVERVIEW

During the COVID-19 (coronavirus) outbreak, we all need to do our part to keep workers, customers and the public safe and healthy so we can stop the spread and prepare to reopen the province, when we are ready.

Below is a set of resources, tips and best practices to help employers and employees prevent the spread of COVID-19 and work together to reopen the province.

Employers and workers in Ontario have certain duties and rights under the Occupational Health and Safety Act (OHSA) and its regulations. Employers should also review and follow any applicable directives and guidance coming from the Chief Medical Officer of Health and Ministry of Health.

LEARN MORE ABOUT:

- [workers' rights](#)
- [employers' responsibilities](#)

PROTECTING YOURSELF AND CO-WORKERS

Coronaviruses are spread primarily from person-to-person through close contact, including at work. Here are some [helpful tips](#) to help prevent the spread of germs:

- Wash your hands often with soap and water or alcohol-based hand sanitizer (with greater than 60% alcohol content).
- Wear a mask or face covering when in an indoor public place.
- Sneeze and cough into your sleeve.
- If you use a tissue, discard immediately and wash your hands afterward.
- Avoid touching your eyes, nose or mouth.
- Avoid contact with people who are sick.



- Stay home if you are sick.
- Avoid high-touch areas, where possible, or ensure you clean your hands after.
- Wash your hands and clothes as soon as you get home.
- If you are ill notify your supervisor immediately, complete the [self-assessment](#) and follow the instructions you receive.

BEST PRACTICES TO STAY HEALTHY AND SAFE

RECOGNIZE AND ASSESS

According to Health Canada, symptoms can appear in as little as a few days or as long as 14 days after being exposed to someone with the disease. [COVID-19](#) can cause a range of symptoms including fever, cough, sore throat and shortness of breath.

For some people, the symptoms are like having a cold; for others they are quite severe or even life threatening. It is important to check with your healthcare provider, Telehealth, or local Public Health Unit and follow instructions about [staying home](#) or away from public spaces to prevent the spread of the virus.

The virus typically spreads through coughing and sneezing, close contact with an infected person, or touching an infected surface and then the face - mouth, nose, or eyes.

Contact with potentially infected persons or touching potentially contaminated items (such as medical and laboratory equipment, door handles, hard surfaces, etc.) are likely to pose the greatest exposure risks. Also, close contact with other people increases the risk of exposure to someone who may be infected.

CONTROL

1. Follow the requirements set out in the [Occupational Health and Safety Act](#) (OHSA) as well as policies and procedures, including infectious disease preparedness and response plans established by your employer

All workplace parties have roles and responsibilities to protect workers from hazards in the workplace as set out in the OHSA and its regulations, and the applicable directives coming from the Chief Medical Officer of Health.

Workers should raise any concerns to their:

- Supervisor
- Joint Health and Safety Committee or Health and Safety Representative

Under [Subsection 28\(1\)](#) of the OHSA, workers have a duty to:

- Work in compliance with the provisions of the Act and regulations
- Use or wear the equipment, protective devices or clothing that the worker's employer requires to be used to work



- Report to his or her employer or supervisor the absence of or defect in any equipment or protective device of which the worker is aware and
- Report to his or her employer or supervisor any contravention of the Act or Regulations or the existence of any hazard of which he or she knows.

Under the OHSA, employers have the duty to take every precaution reasonable in the circumstances to protect workers from hazards in the workplace. Workers have [right to refuse unsafe work](#). If health and safety concerns are not resolved internally, a worker can file a complaint with the Ministry's Health and Safety Contact Centre at 1-877-202-0008. Failure of the employer to comply with the OHSA and its regulations could result in enforcement action such as an order to comply, which may include a [stop-work order](#), upon inspection by the Ministry of Labour, Training and Skills Development.

Follow your workplace safety plan and any infectious disease preparedness and response plans established by the employer should be followed. The plan considers and addresses levels of risk associated with the workplace and job tasks. This includes how the workplace will [operate](#) during the COVID-19 outbreak including but not limited to health and safety considerations such as sanitization of workplaces, how workers and employers [report illnesses](#), how to ensure physical distancing, and how work will be scheduled.

2. Maintain [physical distancing](#). Physical distancing generally means maintaining a distance of at least 2 meters (6 feet) or more between persons at all times. By maintaining physical distancing, people are less likely to be exposed to a respiratory virus as the virus can be spread before symptoms appear (pre-symptomatic) and when the person may have contracted the virus but are minimal or no symptoms (asymptomatic).
 - Alter the workplace layout of the floor by moving furniture or using visual cues such as tape on the floor to enhance physical distancing
 - Wear personal protective equipment (PPE) that protects your eyes, nose and mouth (surgical/procedure mask and goggles or face shield) if:
 - you are required to come within 2 metres of another person who is not wearing a mask or face covering in a manner that covers that person's mouth, nose and chin in an indoor area and,
 - if you are not separated by plexiglass or some other impermeable barrier from a person
 - Workers must use personal protective equipment (PPE) as required by their employer. Workers should be trained/employers must train workers on the proper use, care and limitations of any required PPE.
 - Limiting the total number of people at the workplace and where they are assigned to work
 - Consider implementing a system for virtual and/or telephone consultations when and where possible
 - Non-essential face-to-face appointments should be postponed or converted to virtual appointments
 - Encourage customers to schedule appointments instead of drop-in appointments to assist with limiting the total number of people on-site;



- Consider alternate check-in measures for appointments to limit time in locations.
 - Have staff work from home whenever possible (i.e. administrative staff)
 - Staggered start times, breaks and lunches
 - Restricting visitors and limiting workplace entry to only essential personnel
 - Suspending all group activities and gatherings
 - Alter the workplace layout of the floor by moving furniture or using visual cues such as tape on the floor to enhance physical distancing
 - Lunchrooms and break rooms must be arranged to follow physical distancing practices. Consider staggered lunch and break times to reduce the number of employees gathering.
3. Follow specific guidance for health and safety and infection prevention and control practices and measures and procedures established by the employer.
- Refer to the [Ministry of Health](#), [Public Health Ontario](#) and the [Government of Canada](#) for COVID-19 Guidance
 - Ensure active screening is conducted either through a phone interview, voice recording, or on websites before patients report to the lab or SCC. [Passive screening](#) such as posting signage at points of entry is also required
 - Where patients present without phone screening, trained staff conducting screening should ideally be behind a plexiglass barrier, or if not possible, staff should use appropriate personal protective equipment (PPE), including gloves, gown, mask or respirator, and eye protection. Refer to the [Ministry of Health- Covid-19 Guidance: Community Labs and Specimen Collection Centres](#)
 - In addition to routine cleaning, [clean frequently](#) touched surfaces (i.e. steering wheels, door handles, handrails, customer service counters, touch screens, elevator buttons, etc.) at a minimum of twice per day. If the surfaces are visibly dirty, they should be cleaned prior to disinfection application.
 - A person who either meets the case definition through active screening or self identifies as meeting the case definition while at a community lab or SCC must be separated from other visitors and staff so they are at least 2 meters apart and given a surgical/procedure mask while lab and SCC operators/managers call their [Local Public Health unit](#)
 - Under no circumstances should aerosol generating tests (i.e., sputum, breath tests, tolerance testing) be performed if the lab or SCC is not appropriately equipped with negative pressure rooms with adequate ventilation and air changes
 - Implement and follow administrative controls such as proper training for staff regarding screening, infection prevention and control protocols, as well as changing work schedules
 - Become familiar with local testing locations and their specific protocols
 - Conduct RACE (recognize, assess, control and evaluate) analysis to determine what other controls may be applicable.
 - Ensure availability and proper use of PPE for [contact/droplet precautions](#)
 - Lab workers, including Laboratory Technicians and Medical Technologists should use or wear personal protective equipment (PPE) (i.e. the equipment, protective devices or clothing) that the worker's employer requires to be used or worn. Workers are to be trained on the use and limitations of any PPE that the employer requires to be used by the worker.



- Proper [donning and doffing of PPE](#) and [hand hygiene](#) should be performed. In addition to routine cleaning, [clean frequently](#) touched surfaces (i.e. door handles, customer service counters, touch screens, elevator buttons, etc.) at a minimum of twice per day. If the surfaces are visibly dirty, they should be cleaned prior to disinfection application.
 - Follow Provincial Infectious Diseases Advisory Committee (PIDAC) guidance on proper cleaning protocols for environmental contamination. Ensure patient-contact surfaces, such as examination tables, equipment, chairs, waiting areas and door handles, are frequently sanitized.
 - Be familiar with local testing locations and their specific protocols
4. Stay home if you are feeling ill. Actively [monitor yourself](#) for any symptoms and if you detect symptoms, you should immediately distance yourself from others and go home. If possible, avoiding using public transit to get home. Notify your supervisor so that they are aware of the situation and can also notify others who may have been exposed.
5. Demonstrate the following precautionary measures while working:
- Do not report to work if you are exhibiting any of the [symptoms](#) or are under [self-isolation](#) or quarantine
 - Limit the amount of face-to-face contact during work activities and [practice physical distancing](#) whenever possible.
 - Use technology for communication (text messaging and mobile phones rather than in-person conversations)
 - Avoid sharing equipment/supplies (i.e. counters, tablets, and electronic devices) where possible. Disinfect regularly if sharing cannot be avoided
 - Limit any casual interactions that normally occur at work
 - Change out of work clothing at the end of each shift and wash them. Do not store your street clothes and work clothing in the same space unless both are clean
 - Consider discussing any underlying medical conditions that might place you at a higher risk for severe illness from COVID-19 with your Human Resources Department

Additionally, the COVID-19 outbreak is a unique and unprecedented scenario for many workers. Ensure you are taking care of both your mental health and psychological well-being, as well as your physical health, during this time. Find out [helpful tips and coping strategies](#).

6. Practice stringent hand hygiene practices. Health Canada recommends following basic hygiene practices:
- Wash hands frequently
 - Thoroughly [wash hands](#) with soap and water for at least 20 seconds
 - If soap and water are not available, use an alcohol-based [hand sanitizer](#) containing at least 70% alcohol
 - Avoid touching your eyes, nose and mouth
 - Practice respiratory etiquette and sneeze or cough into your sleeve or a tissue and discard it
 - Use a clean tissue or your knuckle/elbow to touch light switches, doors, buttons, etc.



EVALUATE

Ask and evaluate:

- Were the proper hygiene facilities (soap and water or alcohol-based hand sanitizer) available to you?
- Were you able to practice physical distancing?
- Were you disinfecting (i.e. disposable wipes) frequently touched surfaces routinely?
- Did you use or wear the PPE that your employer requires you to use or wear to protect you while you do your job?
- Have you been provided training on the proper use of PPE and the limitations of the PPE?
- Do you know what to do if you have symptoms of COVID-19?

SELF-ASSESSMENT TOOL:

<https://covid-19.ontario.ca/self-assessment/#q0>

TAKING CARE OF YOUR MENTAL HEALTH DURING COVID-19

<https://www.canada.ca/en/public-health/services/publications/diseases-conditions/taking-care-mental-health.html>

RESOURCES

Stay updated with daily government updates:

- [Government of Ontario](#)
- [Government of Canada](#)
- [Public Health Ontario](#)

ONTARIO GOVERNMENT AND AGENCY-ISSUED RESOURCES ABOUT COVID-19

The [Ontario Ministry of Health](#) is providing consistent updates on the provincial government's response to the outbreak, including:

- status of cases in Ontario
- current affected areas
- symptoms and treatments
- how to protect yourself and self-isolate
- updated Ontario news on the virus

[Public Health Ontario](#) is providing up-to-date resources on COVID-19, including:

- links to evolving public health guidelines, position statements and situational updates
- synopsis of key articles updating on the latest findings related to the virus



- recommendations for use of personal protective equipment
- information on infection prevention and control
- testing information
- other public resources

OTHER COVID-19 RESOURCES

[Health Canada](#) outlines the actions being taken by the Government of Canada to limit spread of the virus, as well as what is happening in provinces and communities across the country. It also maintains a live update of the number of cases by province.

The [World Health Organization](#) is updating the latest guidance and information related to the global outbreak and spread beyond Canadian borders.

It also provides the most up-to-date information on:

- current research and development around the virus
- a COVID-19 situation “dashboard”
- emergency preparedness measures
- live media updates on the spread of the virus

PUBLIC SERVICES HEALTH AND SAFETY ASSOCIATION

Access resources and information about COVID-19 at <https://www.pshsa.ca/covid-19>

This resource does not replace the *Occupational Health and Safety Act* (OHSA) and its regulations, and should not be used as or considered legal advice. Health and safety inspectors apply the law based on the facts in the workplace.