AHS COVID-19 Expanded Testing Algorithm
Residential Treatment Centres

COVID-19 Respiratory/Core Symptom(s)¥
(new/worse or unexplained within the last 7 days)
- Cough
- Shortness of breath
- Difficulty breathing
- Decreased O₂ saturation or increased O₂ requirement
- Sore throat/painful swallowing
- Runny nose/nasal congestion/sneezing
- Fever/chills/rigors
  o Adults >37.8°C, Pediatrics ≥38.0°C
- Loss of/change to sense of smell (anosmia)/taste (dysgeusia)

COVID-19 GI Symptom(s)±
(new/worse and unexplained within the last 7 days)
- Vomiting
- Diarrhea

COVID-19 Expanded Symptom(s)€
(new/worse and unexplained within the last 7 days)
- Headache
- Myalgia (muscle pain)/arthralgia (joint pain)
- Fatigue/extreme exhaustion
- Nausea/sudden loss of appetite
- Conjunctivitis/red eye/chemosis (conjunctival edema)
- Any additional symptoms at clinician’s discretion (e.g. skin manifestations such as “COVID toes”)

Note: This algorithm addresses COVID-19 testing only.

Has patient been directed to quarantine (i.e. by Canada Border Services Agency, Public Health, etc)?
If YES:
- Implement Modified Respiratory Precautions
If NO:
- Follow Routine Practices (including continuous masking and +/- eye protection)

Has patient met any of the following:
Close contact* (see page 2) of a person with acute respiratory illness who has travelled anywhere outside of Canada in the 14 days before their illness
OR
Close contact* (see page 2) of a confirmed or probable** (see page 2) case of COVID-19 within 10 days before illness onset
OR
Associated with a COVID-19 outbreak at any healthcare unit/facility or any congregate setting within the last 10 days. Refer to link: COVID-19 outbreak
OR
Had laboratory exposure to biological material known to contain COVID-19 virus within the last 10 days

Date of last exposure: ____________(if applicable)

Is patient fully immunized (more than 14 days after receiving the second dose of a two-dose vaccine series or more than 14 days after receiving one dose of a one-dose vaccine series)?
If YES:
- Follow Routine Practices (including continuous masking and +/- eye protection)
If NO:
- Implement Modified Respiratory Precautions

Follow Routine Practices (including continuous masking and +/- eye protection)

Follow Routine Practices

Follow Routine Practices

Follow Routine Practices (including continuous masking and +/- eye protection)

Follow Routine Practices (including continuous masking and +/- eye protection)

Follow Routine Practices

Follow Routine Practices

Follow Routine Practices

Follow Routine Practices

Follow Routine Practices

Follow Routine Practices
DEFINITIONS

*Close contact: a person exposed to a case while they were infectious[(a)] and is defined as:

- An individual who had direct contact with infectious body fluids of a case (e.g., was coughed or sneezed on while unprotected[(b)] or who for example, shared cigarettes, glasses/bottles, eating utensils with a case); **OR**
- A household contact (i.e., a person who lives in the same residence as the case **OR** who has been in frequent, long-duration, close-range interaction with the person who tested positive); **OR**
- A HCW[(a)] who provided unprotected[(b)] direct care for the case; **OR**
- An individual and/or family member or other caregivers who provided direct care to the case or who had other similar direct physical contact with the case (e.g., intimate partner, hug, kiss, handshake); **OR**
- An individual who had unprotected[(b)] contact with a case within two metres for one minute or longer where there was speaking, singing, shouting or breathing heavily (e.g., exercise); **OR**
- An individual who lived with or otherwise had unprotected[(b)] prolonged contact with a case for 10 minutes or more over a 24-hour period (may be cumulative, i.e., multiple interactions) and within two metres.

(a) For close contact identification purposes, the infectious period of the case is from two days before onset of symptoms in the case (or if asymptomatic, two days before test date) until the case is deemed COVID-19-recovered.

(b) An individual may be considered unprotected if at the time of the exposure they did not consistently and appropriately use personal protective equipment (PPE).

**Probable case: a person with symptoms who is known to be a close contact with a confirmed COVID-19 case **OR** was exposed to a known COVID-19 outbreak **OR** had laboratory exposure to biological material known to contain COVID-19