AHS Acute Care COVID-19 Expanded Testing Algorithm
For All Admitted Inpatients, ED, OPD, Surgery, Obstetrics, Inter-Facility Transfers, Direct Admits

**COVID-19 Core ILI Symptom(s)**
(new/worse or unexplained)
- Cough
- Fever/chills/rigors
  - Adults >37.8°C
  - Pediatrics ≥38.0°C
- Shortness of breath
- Difficulty breathing
- Sore throat/painful swallowing
- Runny nose/nasal congestion

**COVID-19 GI Symptom(s)**
(new/worse and unexplained)
- Vomiting
- Diarrhea
  - (≥3 episodes of vomiting and/or diarrhea in a 24hr period)

**COVID-19 Expanded Symptom(s)**
(new/worse and unexplained)
- Headache
- Myalgia (muscle pain)/arthralgia (joint pain)
- Fatigue/extreme exhaustion
- Nausea/sudden loss of appetite
- Loss of/change to sense of smell (anosmia)/taste (dysgeusia)
- Conjunctivitis/red eye/chemosis (conjunctival edema)
- Altered mental status
- Any additional symptoms at clinician’s discretion (e.g. skin manifestations such as “COVID toes”)

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**Does patient have at least ONE Core ILI Symptom(s)?**

- [ ] Yes
- [ ] No

If Yes:
- Implement Contact & Droplet Precautions
- Order lab test(s) for:
  - COVID-19
  - Respiratory Pathogen Panel (RPP)
- Notify IPC as per site process

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**Does patient have at least ONE GI Symptom(s)?**

- [ ] Yes
- [ ] No

If Yes:
- Implement Contact & Droplet Precautions
- Order lab test(s) for:
  - COVID-19
  - Other enteric tests as indicated (e.g. CDT, enteric screen, etc.)
- Notify IPC as per site process

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**Does patient have any of the COVID-19 Risk Factor(s)?**

- [ ] Yes
- [ ] No

If Yes:
- Implement Contact & Droplet Precautions
- If patient has any Expanded Symptom(s), order lab test for COVID-19
- Notify IPC as per site process

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**Risk Factor(s)**
- Had close contact* with a confirmed or probable case of COVID-19 within 14 days before illness onset
- Had close contact* with a person with acute respiratory illness who has travelled anywhere outside of Canada in the 14 days before their illness
- Travelled anywhere outside of Canada within the last 14 days
- Had laboratory exposure to biological material known to contain COVID-19 virus
- Associated with any healthcare unit/facility, congregate living, or other (e.g. workplace or social gathering) COVID-19 outbreak/cluster
- Had a positive COVID-19 test within the last 14 days

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**Does patient have any Expanded Symptom(s)?**

- [ ] Yes
- [ ] No

If Yes:
- Order lab test for:
  - COVID-19
- Follow Routine Practices (including continuous masking)

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**Follow Routine Practices**
(including continuous masking)

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**NOTE:** This algorithm addresses COVID-19 testing only. Clinicians should order other diagnostic tests as indicated.