COVID-19 ED/UC ALGORITHM

Note: latest updates will appear in blue

Maintain spatial separation (6 feet/2 meters). Provide patient medical mask to wear. Instruct patient to clean hands with alcohol based hand rub. Ask the following:

**EXPOSURE CRITERIA**
- In the past 14 days have you:
  - Returned from inter-provincial travel within Canada AND are not fully vaccinated*?
  - Returned from travel from outside Canada?
  - Had exposure to a confirmed case of COVID-19 where medical PPE not worn?
  - Had exposure in laboratory working with COVID-19 specimens where medical PPE not worn?

**HISTORY CRITERIA**
- In the past 14 days have you been directed to self-isolate? If so, why?
  - COVID-19 positive
  - COVID-19 exposure (document if/when specimen collected)
  - COVID-19 symptoms (document if/when specimen collected)
  - Live with/contact with a household member who has been directed to self-isolate either due to travel or because of close contact with a case

**SIGNS AND SYMPTOM CRITERIA**

<table>
<thead>
<tr>
<th>CATEGORY A</th>
<th>CATEGORY B</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Fever&gt;38 or subjective fever/chills</td>
<td>☐ runny nose</td>
</tr>
<tr>
<td>☐ cough</td>
<td>☐ muscle aches</td>
</tr>
<tr>
<td>☐ sore throat/hoarse voice</td>
<td>☐ fatigue</td>
</tr>
<tr>
<td>☐ shortness of breath/breathing difficulty</td>
<td>☐ conjunctivitis</td>
</tr>
<tr>
<td>☐ loss of taste or smell</td>
<td>☐ headache</td>
</tr>
<tr>
<td>☐ vomiting or diarrhea more than 24hrs</td>
<td>☐ skin rash of unknown cause</td>
</tr>
</tbody>
</table>

**Unable to obtain answers to above questions (e.g. unconscious or delirious patient)? If so, treat as ORANGE.**

**YES to any of the above**

**Yes to 1 Symptom in Category B**

**No to all of the above**

**Droplet and Contact Precautions with Airborne Precautions**
- If aerosol generating medical procedure (AGMP)
  - If not able to isolate immediately, move into a designated segregated waiting area
  - Identify isolation requirements (if applicable) in EDIS ISO type column
  - Test for COVID if symptomatic or asymptomatic and yes to exposure or history criteria. Clearly mark req as COVID suspect. Indicate testing in EDIS COVID column.

**Routine Practices**
- Additional precautions (AP) as indicated (e.g. MRSA+)
- Identify isolation requirements (if applicable) in EDIS ISO type column
- If AGMP, as per Shared Health protocol.

**Patient Zone**

- **Red**
  - COVID positive
  - Provide fact sheet to self-isolate at home

- **Orange**
  - COVID suspect OR COVID negative during this illness presentation AND exposure history within 14 days
  - Provide fact sheet to self-isolate at home

- **Green**
  - No known exposure and clinical presentation suggests non-COVID diagnosis OR COVID negative during this illness presentation AND no clinical COVID concerns OR COVID positive and deemed recovered in last 90 days by IP&C or Public Health
  - Provide fact sheet
  - no self-isolation is required
  - if symptoms develop, advise to complete the online COVID screening tool or call Health Links - Info Santé before going to UC/ED or call 911 if an emergency

**Admitting**

- To dedicated red zone room/unit
  - Do not cohort. Private room.
  - Based on clinical presentation and requirement for other AP (e.g., MRSA+)
  - Perform admission COVID swab

- **Not Admitting**
  - if YES to Exposure or History criteria AND COVID result negative maintain self-isolation for 24 hours (may need to isolate > 14 days)
  - if NO to Exposure or History criteria AND COVID result negative – maintain self-isolation until symptoms have resolved for 24 hours (isolate may be < 14 days)
  - Provide fact sheet
  - no self-isolation is required
  - if symptoms develop, advise to complete the online COVID screening tool or call Health Links - Info Santé before going to UC/ED or call 911 if an emergency

Note: Essential medical escort/visitors may be permitted in certain circumstances. If entry to ED/UC is approved by provider, escort/visitor must be screened. Adherence to Medical Mask use is required. *Fully vaccinated individuals are those who have received both doses (any combination) of an approved two dose COVID-19 vaccine (AstraZeneca, Pfizer, Moderna), OR a single dose of an approved single dose COVID-19 vaccine (Janssen/Johnson & Johnson) with more than 14 days having passed since the second dose (or approved sole dose) was received.
Change Log:
June 24, 2021
1. Removed multisystem inflammatory syndrome or features of Kawasaki Disease (MIS-C) as a symptom.

April 26, 2021
1. Removed asymptomatic testing information
2. Added “Live with/contact with a household member who has been directed to self-isolate either due to travel or because of close contact with a case” to history questions

Jan. 29, 2021
1. Updated travel screening with requirement to self-isolate for 14 days following travel to anywhere outside Manitoba.

Nov. 2
1. Updated Routine Practices for green AGMPs

Oct. 29
1. Added “ensure masking on arrival and until in treatment space”
2. Added “History of self-isolation” section screening questions
3. Added N95 requirements for “green” AGMPs

Sept. 24
1. Added “where medical PPE was not being worn” to exposure questions
2. Added essential medical escorts/visitors section
3. Updated to add Childcare/Education worker for use in requisition
4. Removed “if admitting, green zone” box from “No” section, and replaced with arrow leading to “if admitting, green zone” on the “Yes” section

Sept. 8
1. Added self-isolation history questions

August 31
1. Added requirement for patient escort/visitor to wear a non-medical mask.

August 12
1. Previous wording from June 30 (green box #1):
   - N95 and AIIR are not required for AGMPs if there is a reliable history of:
     - hospitalization or self-isolation with physical distancing for 14 days AND
     - asymptomatic for those 14 days AND deny/are unaware of either contact with a COVID positive patient or lab exposure
   Changed to:
   - N95 and AIIR are not required for “green” AGMPs

June 30:
1. Updated document to include ‘Transport Worker’ for use in requisition forms June 24:
   1. Previous wording from June 11 (orange box #5):
      • ORANGE ZONE if COVID suspect
   Changed to:
   • ORANGE ZONE if COVID suspect OR if COVID negative during this illness presentation AND exposure history within 14 days

June 23:
1. Previous wording from June 11 (orange box #5):
   • advise to maintain self-isolation until symptoms resolve and/or end of 14 day period (whichever is longer)
   Changed to:
   • if YES to travel/exposure AND COVID result negative - advise to maintain self-isolation for 14 days AND symptoms have resolved for 24 hours (may need to isolate >14 days)
   • if NO to travel/exposure AND COVID result negative - advise to maintain self-isolation until your symptoms have resolved for 24 hours (isolate may be <14 days)

June 21:
1. Previous wording (top box):
   returned from travel outside of Manitoba, Nunavut & NW Ontario (west of Thunder Bay); Changed to:
   returned from travel outside Manitoba (excluding travel to Western Canada, the Territories or Ontario west of Terrace Bay)
2. deleted (orange box #3):
   Children’s ED only: if symptomatic but answers NO to exposure screen - mark requisition with “Symptomatic Surveillance”

June 11:
1. added (orange box #3):
   Children’s ED only: if symptomatic but answers NO to exposure screen - mark requisition with “Symptomatic Surveillance”
2. Previous wording (orange box #4): GREEN ZONE
if clinical presentation is not suggestive of a diagnosis of COVID infection and no COVID exposure

- if COVID negative OR recovered and provider has no clinical concerns

**GREEN ZONE**

- if clinical presentation is suggestive of a non-COVID diagnosis AND no COVID exposure OR

- if COVID negative during this illness presentation AND provider has no clinical concerns OR

- if COVID positive AND deemed recovered by IP&C or Public Health

3. **Previous wording (green box #1) for AGMP consider exclusions**

   Changed to:

   AIIr and N95 are not required for AGMPs if there a reliable history of:

   hospitalization or self-isolation with physical distancing for 14 days **AND**

   asymptomatic for those 14 days **AND**

   deny/are unaware of either contact with a COVID positive patient or lab exposure

May 28, 2020:

1. reorganized into sections for criteria, PPE, testing, admission/discharge

2. symptom criteria modified:
   a. *added to ONE of* - “clinical features of multisystem inflammatory syndrome (MIS-C) or features of Kawasaki Disease”
   b. *moved to TWO of* - “poor feeding (if an infant)”