**COVID-19 ED/UC ALGORITHM**

Maintain spatial separation (6 feet/2 meters), ensure patient is masked until in a treatment space and confirm if the individual has:

**EXPOSURE** in the past 14 days:
- Returned from travel outside of Manitoba; **OR**
- Exposure to a confirmed case of COVID-19 where medical PPE was not being worn (confirm setting and how individual was notified); **OR**
- Exposure in laboratory working directly with specimens that contain COVID-19 where medical PPE was not being worn; **AND/OR**

**HISTORY:** Directed to self-isolate in the past 14 days? If yes, why?
- COVID-19 positive
- COVID-19 exposure - specimen collected or not? **AND/OR**
- COVID-19 symptoms - specimen collected or not? **AND/OR**

**SYMPTOMS - new onset of:**

**ONE or more of:**
- fever > 38°C or subjective fever/chills
- cough
- sore throat/hoarse voice
- shortness of breath / breathing difficulties
- loss of taste or smell
- vomiting or diarrhea for more than 24 hours
- multisystem inflammatory syndrome (MIS-C) or features of Kawasaki disease

**TWO or more of:**
- runny nose
- muscle aches
- fatigue
- conjunctivitis
- headache
- skin rash of unknown cause
- nausea or loss of appetite
- poor feeding (in infant)

**UNCONSCIOUS OR DELIRIOUS** patients (unable to provide a COVID-19 screening history) are to be placed at a minimum on Droplet/Contact Precautions until their COVID status can be determined.

**Essential medical escorts/visitors** may be permitted in certain circumstances. If entry to ED/UC is approved by provider, escort/visitor must be screened. Adherence to Mask use is required.

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**If admitting:**

**RED ZONE** if COVID positive

**ORANGE ZONE** if COVID suspect OR if COVID negative during this illness presentation AND exposure history within 14 days

**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

**If not admitting:**
- 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)
- provide patient fact sheet

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**If not admitting:**
- 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
- provide patient fact sheet

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**Airborne Precautions** *Enhanced Droplet/Contact means Droplet/Contact precautions and Airborne*
- if aerosol-generating medical procedure (AGMP)

**Droplet/Contact Precautions**
- maintain 2 meter (6 feet) distance
- instruct person and escort to clean hands with alcohol-based hand rub
- mask patient & escort if not already wearing
- if not able to isolate immediately, move into designated segregated waiting area

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**TEST for COVID-19 if symptomatic or if asymptomatic but YES to Exposure:**
- Mark requisition with “COVID SUSPECT” and
- Clearly identify on requisition if the patient is a:
  - Health Care Worker (HCW), First Responder (FR), Transport Worker, Childcare/Education Worker
  - Inpatient (if being admitted/ transferred for admission)
  - Notify site IP&C

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**Routine Practices**
- instruct to clean hands with alcohol-based hand rub
- additional precautions as indicated (e.g. MRSA+)
  - N95 required for “green” AGMPs unless:
    - COVID swab taken in the part 24 hours with negative results **OR**
    - Patient has been hospitalized for at least 14 days

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**Identify isolation requirements in EDIS ISO Type column**

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Jan. 29, 2021 COVID-19 ED/UC ALGORITHM
Changes to ED/UC Algorithm:

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 #11 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 26, 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)”