Outbreak Notification Algorithm

Does the client meet case definition?

Respiratory case definition

Acute onset of NEW cough or change in an existing cough **plus** one or more of the following:

- Fever*
- Sore throat
- Joint pain
- Muscle aches
- Severe exhaustion

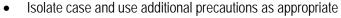
*Note: Older adults have a lower basal body temperature therefore fever may be present when the temperature is greater than 1.5° Celsius above baseline.

In persons under 5 or 65 and older, fever may not be prominent. In children under age 5, gastrointestinal symptoms may also be present

Gastrointestinal case definition

At least **one** of the following criteria must be met and not be attributed to another cause (Clostridium difficile diarrhea, medication, laxatives, diet or prior medical condition etc.):

- 2 or more episodes of diarrhea (loose or watery stools) in a 24hr period, above what is normally expected for that individual or
- 2 or more episodes of vomiting in a 24hr period OR
- 1 or more episodes of vomiting and diarrhea in a 24hr period or
- Positive stool culture of a known enteric pathogen and at least one symptom compatible with a gastrointestinal (GI) infection (nausea, vomiting, diarrhea, abdominal pain, tenderness) OR
- 1 episode of bloody diarrhea



Monitor for additional cases

Does the facility meet outbreak definition?

Respiratory outbreak definition

2 or more cases of influenza like illness (ILI) within a 7 day period, with a common epidemiological link (same location, unit, floor, care giver, and evidence of health care acquired transmission within the unit of facility). There is no requirement for a laboratory confirmed case.

NOTE: Even a single case of ILI is reportable to Public Health for enhanced monitoring, surveillance and recommendations.

Gastrointestinal outbreak definition

2 or more cases of GI illness within a **48hr** onset period, with a common epidemiological link (same location, care giver and evidence of heath care acquired transmission within a facility).

CALL INFECTION PREVENTION & CONTROL

During regular business hours 403-388-6169 (SW) 403-529-8809 (SE) After hours/holidays 1-800-661-1700 (24 hour on call through RAAPID)

Infection Prevention & Control, South Zone Phone: SW 403-388-6169 | SE 403-529-8809 Email: ahs.sz.ipc@ahs.ca | Website: www.ahs.ca

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Alberta Health
Services

