

## NORTH ZONE ACUTE CARE FACILITIES EARLY OUTBREAK RECOGNITION

### Signs and Symptoms of Influenza-like Illness (ILI) and Gastrointestinal (GI) Illness

ILI Case Definition	GI Illness Case Definition
<p><i>Adult:</i> Sudden onset of <b>NEW</b> cough or change in existing cough <b>PLUS</b> one of the following: fever, sore throat, joint pain, muscle aches, severe exhaustion (<b>Note:</b> Patients &gt;65 yrs may not have fever).</p> <p><i>Pediatric:</i> Sudden onset of any of the following: runny nose, cough, sneezing, +/- fever, GI symptoms may be present.</p>	<p>At least <b>ONE</b> of the following criteria must be met and not be attributed to another cause (i.e. Clostridium difficile, medications, laxatives, diet or prior medical condition etc):</p> <p>-2 or more episodes of diarrhea (i.e. loose or watery stools) in a 24 hour period, above what is normally expected for that individual OR -2 or more episodes of vomiting in a 24 hour period OR -1 or more episodes of vomiting AND diarrhea in a 24 hour period OR -Positive stool culture of a known enteric pathogen AND at least one symptom compatible with a GI infection (i.e. nausea, vomiting, diarrhea, abdominal pain or tenderness) OR -1 episode of bloody diarrhea</p>

### Is it an Outbreak?

ILI Outbreak Definition	GI Illness Outbreak Definition
2 or more cases of hospital acquired ILI within a 7 day period on the same unit (at least one is laboratory confirmed).	2 or more cases of hospital acquired GI illness within 48 hours on the same unit.

### What to Do If You Suspect an Outbreak

- **Immediately notify the charge nurse** (who notifies the site/unit manager)
- **Implement Initial Infection Prevention & Control (IPC) Measures**
  - Strict Hand Hygiene is the most important measure in preventing spread of infections (follow the 4 Moments of Hand Hygiene)
  - Restriction of Symptomatic Patients (ILI: **Contact and Droplet Precautions**, GI: **Contact Precautions**)
- **Refer to and follow ILI or GI Outbreak Management Algorithms**

North Zone November 2013

Refer to "Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites Includes Influenza and Gastrointestinal Illness October 2013" <http://www.albertahealthservices.ca/Diseases/hi-dis-flu-prov-hlsl.pdf>

Further information can be found on the AHS IPC website: <http://www.albertahealthservices.ca/6410.asp> and on The IPC Resource Manual – Acute Care: <http://www.albertahealthservices.ca/6854.asp>