

North Zone Acute Care/Long term care Outbreak Management Influenza-Like Illness (ILI) Algorithm

Are there 2 or more cases of Facility-acquired ILI within a 7 day period on the same unit?
Symptoms to watch for:
Adult: Sudden onset of NEW cough or change in existing cough PLUS one of the following: fever, sore throat, joint pain, muscle aches, severe exhaustion
Note: Patients >65 may not have fever.
Pediatric: Sudden onset of any of the following: runny nose, cough, sneezing, +/- fever, GI symptoms may be present.

IF YES, prevent the spread:

- Initiate Contact and Droplet Precautions including appropriate signage- private room with private bathroom preferred. Separation of at least 2 metres between patients required.
- Patients should leave the room for essential purposes only (after **performing hand hygiene** and donning clean outer clothing and procedure mask).
- Dedicated equipment for single patient only. Clean and disinfect all reusable equipment before use on another patient.
- Perform hand hygiene using alcohol based hand rub when hands are not visibly soiled.
- Wash hands with plain soap and water if visibly soiled.
- **Gloves** to be worn on entry into patient's room and when handling specimens.
- **Gowns** to be worn on entry into patient's room.
- **Procedure mask** and eye protection to be worn on entry into patient's room.
- **N95 respirator and eye protection** to be worn during any Aerosol Generating Medical Procedure (AGMP).
- Refer to Point of Care Risk Assessment (PCRA) for Patients with ILI: <http://www.albertahealthservices.ca/assets/healthinfo/Diseases/hi-dis-flu-pcra-algorithm-poster.pdf>.
- Symptomatic staff to go home.

IF NO, continue with routine practices, including proper hand hygiene according to the 4 Moments and watch for ILI cases.

Report all outbreaks to NZ CDC Intake.
 During regular office hours, call 1-855-513-7530.
 Evenings/weekends/stat holidays, call 1-800-732- 8981 and ask for Public Health on Call.
 Notify the site Infection Control Professional (ICP) or designate.

Next Steps:

- Manager to complete Facility Early Outbreak Recognition Form (for CDC Intake).
- Complete Facility Outbreak Line List daily (fax to number on line list).
- Continue to monitor patients and staff for new cases (include on Outbreak Line List).
- Notify all facility departments especially Environmental Services and Patient Food Services of the outbreak.

Refer to "Guidelines for Outbreak Prevention, Control and Management in Acute Care and Facility Living Sites (Includes Influenza and Gastrointestinal Illness) July 2017"

<http://www.albertahealthservices.ca/assets/healthinfo/Diseases/hi-dis-flu-prov-hlsl.pdf>

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