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- **Update #3: Human Swine Influenza, April 27, 2009**

FROM:

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This is an update to the April 24, 2009 communication on the respiratory outbreak in Mexico.

1. Reporting to Peel Public Health

All health care providers are asked to report to Peel Public Health:

- 1) Influenza-like illness (ILI): Acute onset of fever (>38°C) and new onset or worsening cough and/or shortness of breath **AND** recent travel history to Mexico or another affected area within the past 7 days or contact with an ill person who had travelled to Mexico or other affected area
- 2) Clusters of patients with ILI

Immediately report anyone meeting the above criteria to Peel Public Health at 905-799-7700.

2. Laboratory Testing

Cases meeting ILI definition

- Currently there is no requirement for specific laboratory testing beyond what the clinician feels appropriate.
- Send a nasopharyngeal swab (in viral transport media) to the local microbiology laboratory if a viral etiology is suspected.

For testing of patients requiring emergency medical attention and/or hospital admission, please refer to the *Health Professionals Update* released on April 24, 2009 (Volume 2, Number 7).

3. Precautions – Droplet, single room

Patients who fit the case definition should be isolated using droplet precautions and treated in a single room as per PIDAC guidelines, available at:

www.health.gov.on.ca/english/providers/program/infectious/diseases/best_prac/bp_fri_080406.pdf.

In addition, healthcare providers providing direct care of these patients should wear properly fit tested N-95 respirators.

Situation Update

Case update

- Cases of human swine influenza have been confirmed in Mexico, the US and Canada.
- **There are six laboratory-confirmed cases of H1N1 swine influenza in Canada: 4 in Nova Scotia and 2 in British Columbia**
- At this time there are no confirmed cases in Ontario

Change to reporting requirements

- Report individual cases of influenza-like illness (ILI) with a history of travel to an affected area, or clusters of ILI to Peel Public Health (see definition in section 1).

Physician Communications

Given heightened public concern regarding swine influenza, ambulatory care settings may experience an increase in visits related to respiratory illness. In response, Peel Public Health will be providing regular updates to assist with the management of patients who present with influenza-like illness.

Previous updates can be found at:

- <http://www.peelregion.ca/health/professionals/updates2009.htm>
- <http://www.health.gov.on.ca/english/providers/program/emu/ihn.html>

For more information, please call (905) 799-7700.