

# **A Guide to the Control of Respiratory Infection Outbreaks in Long-Term Care Homes, 2004**

**Letticia Adinkrah, Ministry of Health and Long-Term Care**

**Sofia da Silva, Ministry of Health and Long-Term Care**

**September 16, 2010**

# Focus of Discussion

- Confirmed Respiratory Outbreak Definition
- Providing Support and Expertise
- Data Entry-- iPHIS
- Influenza Season 2010/2011
- MOHLTC Next Steps

## Respiratory Outbreak Definitions: Confirmed vs Suspect on the Same Unit

	<b>Confirmed</b>	<b>Suspect</b>
Influenza	<ul style="list-style-type: none"> <li>• 2 symptomatic cases, epi-linked, within 48 hours</li> <li>• 1 lab confirmed case</li> </ul>	<ul style="list-style-type: none"> <li>• Only 1 symptomatic case</li> <li>• Lab confirmed</li> </ul>
Identified Respiratory Organism (e.g. Rhinovirus)	<ul style="list-style-type: none"> <li>• 2 symptomatic cases within 48 hours</li> <li>• 1 lab confirmed case</li> </ul>	<ul style="list-style-type: none"> <li>• Only 1 symptomatic case</li> <li>• 1 lab confirmed case</li> </ul>
Unidentified Respiratory Organism	<ul style="list-style-type: none"> <li>• 3 symptomatic cases within 48 hours</li> <li>• No lab confirmation</li> </ul>	<ul style="list-style-type: none"> <li>• 2 symptomatic cases within 48 hours</li> <li>• No lab confirmation</li> </ul>

## Respiratory Outbreak Definitions: Confirmed vs Suspect on More than One Unit

	<b>Confirmed</b>	<b>Suspect</b>
Unidentified Respiratory Organism	<ul style="list-style-type: none"><li>•3 symptomatic cases, within 48 hours</li><li>•No lab confirmation</li></ul>	<ul style="list-style-type: none"><li>•2 symptomatic cases within 48 hours</li><li>•No lab confirmation</li></ul>

**Use Good IPAC Judgment!**

**References: Infectious Diseases Protocol 2009, Appendix B**

# Providing Support and Expertise: Key First Steps

- Request or start a line list, in collaboration with facility
- For the duration of the outbreak, request daily updates
- Request that Nasopharyngeal (NP) swabs are collected from patients/residents with the most recent onset of symptoms— the lab will receive no more than 6 specimens for one outbreak

# Providing Support and Expertise: Repatriation

## 1. Repatriation of Cases:

- Exposed
- Cases can return to the Long-Term Care facility

## 2. Repatriation of Non Cases:

- Not Exposed
- Discuss with director of care, resident's family, physician of sending and receiving facility
  - Is OB under control?
  - Severity of the Outbreak– no. of residents admitted to hospital, deaths
  - Decline in no. of cases?
  - Date of onset of illness in last new case
  - For influenza outbreak, has the resident been vaccinated?
  - Appropriate accommodation available on resident's return?
  - Attending physician must attest that the facility can manage care for resident
  - Resident's family must provide consent that the resident can return

# Providing Support and Expertise: Reporting to the Coroner

1. Death occurs in LTCH
  - Administrator is responsible for reporting ALL deaths to the Coroner and the MOH
  
2. Line listed patient transfers to hospital and expires
  - No requirement to report death to the Coroner
  - Death must be reported to the MOH
  
3. Death occurs in hospital
  - No requirement to report to the Coroner
  - Death must be reported to the MOH

References: HPPA, 1990, Coroners Act, 1990 S.10(1), (2.1)

# Providing Support and Expertise: Declaring the Outbreak Over

- For all organisms, at a minimum:

**Incubation Period + Period of Communicability**

- Factors to Consider:
  - Severity of outbreak
  - Resolution of cases
  - Staff/Patient outbreak
  - Outbreak Management

# Data Entry: iPHIS

## Key Fields for Entry

1. Assess and enter the date of onset of illness for index case
2. Make sure to enter the 'declared over date'
3. For Respiratory Outbreaks: enter aggregate count
4. For Influenza Outbreaks: enter individual cases as well as aggregate counts
5. Close the outbreak in iPHIS

# Influenza Season 2010/2011

- 2010/2011 Surveillance Package-change from previous season

All Cause Absenteeism (%)	# Elementary Schools	# High Schools	Total
<2.5			
2.5-4.9			
5-10			
<10			
>10			
Did Not Report			
<b>Total Number of Schools</b>			

- Influenza Vaccine
  - Availability
  - Questions? [UIIP.moh@ontario.ca](mailto:UIIP.moh@ontario.ca)

# MOHLTC

## Next Steps

### Next Steps

- Long Term Care Act, Revised 2010
- Revision of: A Guide to the Control of Respiratory Infection Outbreaks in Long Term Care Homes, 2004

# MOHLTC Respiratory Infection Outbreak Contacts

- MOHLTC Contacts:

Sofia da Silva 416-327-7421

[sofia.dasilva@ontario.ca](mailto:sofia.dasilva@ontario.ca)

Leticia Adinkrah 416-212-3546

[leticia.adinkrah@ontario.ca](mailto:leticia.adinkrah@ontario.ca)