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- **ALERT: Probable Measles Case in Peel Region**

FROM:

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Key Messages

- A probable case of measles has been identified in Peel Region.
- Symptoms of measles include: fever, cough, runny nose, conjunctivitis and rash.
- If measles is suspected, serology **AND** NP/viral throat swab for PCR **AND** urine for PCR are required to make the diagnosis .

Please maintain a high index of suspicion for measles in individuals with febrile illness and rash.

Clinical Features of Measles

- Fever **AND**
- Cough, coryza or conjunctivitis **AND**
- Generalized maculopapular rash (usually 2-4 days after the prodrome)
- Incubation period = 7-21 days

ALERT: Probable Measles Case in Peel Region

Peel Public Health has been notified of a probable measles case in an infant who recently arrived in Canada from a measles-endemic country.

Exposure locations include:

- January 3 (20:00 – 23:00): Multi-Specialty Walk In Clinic, 21 Queensway W., Mississauga
- January 5 (20:00 – 22:00): Brampton Urgent Care, 51 Mountain Ash Rd. #8, Brampton
- January 5 (20:45 – 04:45, January 6): Brampton Civic Hospital, 2100 Bovaird Drive E., Brampton

Flight information:

- January 1, EK0605 (Emirates): Karachi (05:30) - Dubai (06:55)
- January 1, ED0241 (Emirates): Dubai (09:55) - Toronto (15:25)

We are contacting people who may have been exposed to measles in the health care locations. We are asking anyone who was at these sites during these dates and times to:

- Check their immunization records to make sure they have had two doses of the measles vaccine (MMR or MMRV). Two doses of measles vaccine are recommended for anyone born after 1969.
- Watch for symptoms of measles until 21 days after exposure.

Laboratory Diagnosis of Measles

Laboratory requisitions should be clearly marked “stat” and “suspect case of measles”. Include travel history and vaccination status.

Lab tests for measles after rash onset include:

- NP/viral throat swab for PCR testing **AND**
- Urine (50 mL) for PCR testing **AND**
- Measles serology (IgM and IgG)

Additional information on measles PCR testing can be found here:

http://www.publichealthontario.ca/en/ServicesAndTools/LaboratoryServices/Pages/Measles_Diagnostic_PCR.aspx

NP/Throat Swab Virus Respiratory Kit



Infection Control Precautions

Physicians who are contacted by symptomatic patients that may have been exposed to measles should take the following precautions:

- Ensure all office staff are adequately immunized with two doses of MMR, **regardless of age**, or have serologic proof of immunity to measles.
- A patient suspected to have measles should wear a mask and placed in a separate room immediately on arrival.
- Whenever possible, suspect measles patients should be assessed at the end of the day.
- After assessing a suspect measles patient, do not use the exam room until at least two hours have elapsed.

Reporting Requirements

Measles is a reportable disease under the Health Protection and Promotion Act. Report suspected cases of measles immediately to Peel Public Health at 905-799-7700. Do not wait for laboratory confirmation.