

2017 March 08

Mumps Virus Continues to Circulate in Ontario

To: General Practitioners, Nurse Practitioners, Pediatricians, QHC Emergency Rooms, OB/GYNs, Respiriologists, QHC Laboratory, QHC Infection Control

Mumps virus continues to circulate in Ontario in individuals 14-38 years of age. As of March 8th, 42 cases of mumps (40 confirmed, 2 probable) have been reported in Ontario. Cases have been reported in 13 different public health units.

Immunization Status: Of the 42 cases reported, immunization status was unknown for 10 cases. Of the 32 cases with known immunization status, 16 cases (50%) received two or more doses of MMR, 9 cases (28%) received one dose of MMR, and 7 cases (22%) were unimmunized.

Signs and Symptoms of Mumps: Swelling and pain in one or more salivary glands, low grade fever, headache, myalgia, fatigue and anorexia. These symptoms can last up to 10 days.

Testing: Testing information is attached, and can be found on the Public Health Ontario website. I advise to test for mumps in those with compatible signs and symptoms, regardless of their vaccination history. Order virus isolation and serologic testing to confirm mumps infection:

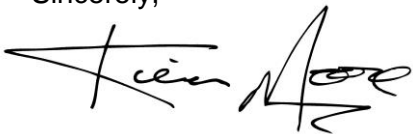
- Buccal (preferred) / throat swab: Mumps virus PCR (in viral culture media)
- Urine: Mumps virus PCR
- Blood test: Mumps IgM and IgG antibodies

Use droplet precautions in addition to routine practices when caring for a suspect or confirmed case.

Immunization Recommendations: **Anyone born in 1970 or later should receive two doses of mumps containing vaccine.** Note: those born from 1970 to 1992 may have only received one dose of MMR vaccine.

Reporting: Suspect or confirmed cases of mumps infection are required to be reported to public health. Call 613-966-5500 ext.349 during work hours (8:30am to 4:30pm, Monday to Friday), or 613-966-5500 after hours.

Sincerely,



Doctor Kieran Moore
Acting Medical Officer of Health
KM/BS/tb

Attachment: *Public Health Laboratories Diagnostic Test Recommendations for Mumps April 2010*

North Hastings

1P Manor Ln., L1-024, P.O. Box 99, Bancroft, ON K0L 1C0

T. 613.332.4555 | F. 613.332.5418

Prince Edward County

1-35 Bridge St., Picton, ON K0K 2T0

T. 613.476.7471 | F. 613.476.2919

Quinte West

499 Dundas St. W., Trenton, ON K8V 6C4

T. 613.394.4831 | F. 613.965.6535