

2018 May 17

Confirmed Case of Mumps in Hastings Prince Edward

To: General Practitioners; Nurse Practitioners; Pediatricians; Student Health Services;
Quinte Healthcare [Emergency Rooms, Laboratory, Infection Control];
Surrounding Public Health Units and Acute-Care Hospitals

Hastings Prince Edward Public Health has received a report of one lab-confirmed case of mumps in a 22 year old, fully immunized female. It is presumed this person was exposed to the virus at university in Nova Scotia.

Signs and Symptoms of Mumps:

Symptoms of mumps typically appear 16 to 18 days after exposure and include fever, swelling and tenderness in one or more salivary glands. Many people with mumps infection have nonspecific or primarily respiratory symptoms. A person is most infectious from two days before symptoms appear to five days after.

Testing:

Testing for mumps is advised in anyone with compatible signs and symptoms regardless of vaccination history. Public Health Ontario's *Diagnostic Test Recommendations for Mumps* is attached for your reference. Both virus isolation and serologic testing is recommended to confirm mumps infection and include:

- 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. If a patient's immunization record is unavailable, immunization with mumps-containing vaccine is preferred, rather than ordering serology to determine immune status.

Reporting: Suspect or confirmed cases of mumps infection are required to be reported to public health. Call 613-966-5500 x349 during work hours (8:30am to 4:30pm, Monday to Friday), or 613-966-5500 after hours.