



FAX about ...



Increased Mumps Activities

There has been an increase in mumps cases reported in Ontario. Currently there are **17 confirmed cases** of mumps in **Toronto** with an epidemiological link to bars in the west Toronto downtown area; as well, **1 confirmed case** of mumps is identified in **Durham Region**.

Mumps is a potentially serious infection caused by a virus. Signs and symptoms of mumps include fever, swelling and tenderness of one or more of the salivary glands, usually the **parotid glands**. Respiratory symptoms may also occur. A person with mumps is infectious from **7 days before to 5 days after** the onset of parotitis.

Report all suspected cases of mumps to the Durham Region Health Department. **Do not wait for laboratory confirmation**. Suspected cases should also be instructed to **remain in isolation** until contacted by local public health staff. Patients suspected of having mumps should **wear a mask** and be placed in a **separate room** when attending a health care setting. **Immunization** is the best protection against contracting mumps.

Diagnosis for mumps includes the following:

Mumps Virus Detection by PCR:

- **Buccal** or throat swab collected **within 9 days** after the **onset** of symptoms/parotitis and submitted in **Multi-Organism Transport Medium – Virus Respiratory Kit**
- **Urine (minimum 5.0 ml)** in a sterile container **within 14 days** after the onset of symptoms/parotitis

Acute Serology:

- **Blood specimen** for mumps antibodies (IgM and IgG) should be collected at the **first visit** (ideally **within 7 days** after the onset of symptoms/parotitis)

Convalescent Serology:

- Second blood specimen can be collected 7 to 10 days after the acute sample

On each laboratory requisition indicate **diagnostic testing, symptoms and onset date, known exposure and travel history (if any) and vaccination history**.

Testing information is also available on the Public Health Ontario website:

<https://www.publichealthontario.ca/en/ServicesAndTools/LaboratoryServices/Pages/Index.aspx>

Durham Region Health Department: 905-668-7711, 1-800-841-2729

If you prefer to receive this information in an electronic format please submit your request to healthresources@durham.ca

If you require this information in an accessible format, contact 1-877-777-9613

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