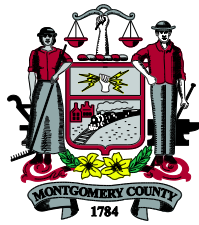


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**MONTGOMERY COUNTY DEPARTMENT  
OF HEALTH & HUMAN SERVICES**

OFFICE OF PUBLIC HEALTH • PO Box 311  
NORRISTOWN, PA 19404-0311

610-278-5117

FAX: 610-278-5167

WWW.MONTCOPA.ORG/HHS

BRENDA K. WEIS, MSPH, PHD  
ADMINISTRATOR

RICHARD S. LORRAINE, MD, FACP  
MEDICAL DIRECTOR

**Montgomery County Health and Human Services**

**Office of Public Health**

**Public Health Advisory**

**Mumps Cases Identified in Montgomery County Residents**

**March 28, 2018**

**Background:**

Montgomery County Department of Health and Human Services Office of Public Health (OPH) is investigating several cases of mumps linked to an outbreak among attendees of a social dance event, Baile Mejicano or Mexican Dance, which took place on February 10<sup>th</sup> at the Riverfront in Wilmington, DE.

The OPH would like to provide our healthcare provider community with general information to assist in the evaluation and assessment of a suspected mumps patient. OPH can assist providers in the investigation to support outbreak control measures and offer recommendations for management of a suspect mumps patient.

**Symptoms and Clinical Presentation:**

Mumps is an acute viral disease characterized by fever, swelling, and tenderness of one or more of the salivary glands, usually the parotid gland (located just below the front of the ear). This is known as parotitis and is the most common manifestation. Early symptoms can include myalgia, malaise and headache. Approximately one-third of infected people do not exhibit symptoms. Mumps incubation period is usually 16 to 18 days, although it may vary from 12 to 25 days.

**Transmission:**

Mumps is transmitted by direct contact with saliva and discharges from the nose and throat of infected patient. Mumps is contagious three days prior to and five days after the onset of parotitis. Transmission can also occur from patients who are asymptomatic.

**Testing Recommendations:**

OPH recommends the following laboratory testing for mumps diagnosis:

- *Buccal swab* (preferred) for viral isolation and PCR testing. It is recommended that the specimen is collected within three days of onset of parotitis, but specimens may be collected up to 8 days after parotitis onset.
- *Serum* for serological testing to detect IgM and IgG antibodies. It is important to note that if a patient has been previously vaccinated they may not develop detectable IgM antibodies, which is why a buccal swab is preferred.

**NORRISTOWN HEALTH CENTER**

1430 DeKALB STREET, PO BOX 311  
NORRISTOWN, PA 19404-0311

PHONE: 610-278-5145 FAX: 610-278-5166

**POTTSTOWN HEALTH CENTER**

364 KING STREET  
POTTSTOWN, PA 19464

PHONE: 610-970-5040 FAX: 610-970-5048

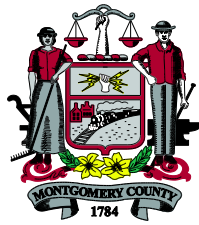
**EASTERN COURT HOUSE ANNEX**

102 YORK ROAD, SUITE 401  
WILLOW GROVE, PA 19090

PHONE: 215-784-5415 FAX: 215-784-5524

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- Viral isolating and PCR testing can also be conducted on a *Urine* specimen. It is recommended that the specimen is collected within three days of onset of parotitis, but specimens may be collected up to 8 days after parotitis onset.

The OPH can assist healthcare providers in the collection, as well as the submission, of specimens to the appropriate reference laboratory and/or PADOH Bureau of Laboratories.

**Vaccination:**

Mumps vaccine is given on or after a child's first birthday, with the second dose at 4-6 years of age. The combined MMR vaccine (measles, mumps, and rubella) is recommended for both doses to ensure immunity for all three viruses. The vaccine is highly effective and two doses usually produce lifelong protection.

The Advisory Committee on Immunization Practices recommends a third dose or booster of MMR vaccine during a mumps outbreak for individuals who are identified as susceptible to contracting mumps. The rationale of the recommendation is to improve the protection of susceptible individuals against mumps-related complications. The recommendation of a third dose of MMR would be made by the OPH during an outbreak situation.

For additional mumps vaccine guidance: [Mumps | Vaccination | CDC](#)

For additional information on ACIP guidance during an outbreak:  
<https://www.cdc.gov/mmwr/volumes/67/wr/mm6701a7.htm>

**Notification to the Local Health Authority:**

Mumps is reportable to the OPH under Chapter 3 of the [Montgomery County Public Health Code](#) and PA Code, Title 28, Chapter 27. The OPH would recommend that health care providers who evaluate a suspected mumps case immediately report to OPH's Division of Communicable Disease Control and Prevention at **610-278-5117**.

For OPH after –hours: evenings, weekends and holidays contact: Montgomery County Police Radio at **(610) 275-1222** and ask to speak to the person on-call for the OPH.

For additional information on General Disease Reporting: [www.montcopa.org/DiseaseReporting](http://www.montcopa.org/DiseaseReporting)

For guidance on Epidemiology and Prevention of Vaccine- Preventable Diseases:  
[www.cdc.gov/vaccines/pubs/pinkbook/index.html](http://www.cdc.gov/vaccines/pubs/pinkbook/index.html)