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Sent: Wednesday, December 7, 2016 6:34:28 PM
Subject: PHSKC-INFO-X POST: Health Advisory: Mumps Vaccination and Infection Control Measures for Healthcare Providers During the Ongoing Mumps Outbreak, King County – 7 DEC 2016

Health Advisory: Mumps Vaccination and Infection Control Measures for Healthcare Providers During the Ongoing Mumps Outbreak, King County – 7 DEC 2016

Action requested:

- There is an increased risk for health care personnel, including health care workers and reception staff at health care facilities, to be exposed to mumps during the current outbreak.
- Please review guidance for immunization of health care workers with MMR vaccine and ensure health care personnel have documented evidence of mumps immunity (before an exposure):
 - Documented receipt of 2 doses of MMR (or mumps) vaccine (at least 28 days apart).
 - Serologic evidence of immunity.
 - Birth before 1957: For unvaccinated personnel born before 1957 who lack serologic evidence of immunity, health care facilities should consider vaccinating personnel with 2 doses of MMR vaccine (at least 28 days apart).
- Management of health care personnel exposed to mumps:
 - healthcare personnel without acceptable evidence of immunity should be excluded from the 9th day after the 1st unprotected exposure to mumps through 25 days after the last exposure.
 - Previously unvaccinated healthcare personnel who receive a first dose of vaccine after an exposure should still be considered non-immune and should be excluded.
 - Partially vaccinated (1 dose MMR or mumps vaccine) may continue working, but should receive a second dose as soon as possible (no sooner than 28 days after first dose).
- Management of health care personnel with potential illness due to mumps:
 - Mumps diagnosis should be considered in health care personnel who develop clinical symptoms of mumps after an exposure to mumps, even in the absence of parotitis
 - Health care personnel with mumps should be excluded for 5 days after the onset of parotitis.
- Report confirmed or suspected mumps cases to Public Health at [\(206\) 296-4774](tel:(206)296-4774). Public Health will assist with recommendations for management of exposed health care personnel.

Background:

- An increasing number of mumps cases is occurring among children and adolescents in King County, with most cases in the Auburn School District. Cases in adults have also been reported. Mumps is spread by direct contact with respiratory droplets, and exposure to mumps includes close contact (typically within 3 feet or less) with a mumps case during the infectious period (3 days prior to and 5 days after the onset of

parotitis). 20-40% of mumps cases may have respiratory symptoms only (not parotitis), so not only those healthcare workers caring for parotitis cases are at risk.

- The mumps vaccine is not recommended for use as post-exposure prophylaxis

Resources:

- Public Health – Seattle & King County information on mumps:

<http://www.kingcounty.gov/depts/health/communicable-diseases/disease-control/mumps.aspx>

- CDC information on mumps and MMR vaccination: <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6204a1.htm>

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