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## JOINT HEALTH ALERT

### ALAMEDA COUNTY AND CITY OF BERKELEY

## Measles

May 16, 2019

### **Current Situation:**

The City of Berkeley has 1 confirmed case of measles in a Berkeley adult resident. This individual is no longer contagious. This resident spent time at a few public venues during the infectious period (05/05/19 – 5/13/19), and it is not possible to identify every individual who may have been exposed. One location where there was prolonged exposure was the Berkeley Bowl located on Oregon Street. The resident visited the establishment on May 7th between 3 and 5 pm.

The City of Berkeley Public Health Division is working with Alameda County Public Health and California Department of Public Health to identify and notify contacts and encourage them to be immunized if they are not already immune.

**We are requesting that you be alert to the possibility of measles in patients of any age who have fever, and a rash, and report any suspected measles case immediately to City of Berkeley Public Health Communicable Disease Prevention and Control Unit or to Alameda County Public Health Department (ACPHD).** Please report cases to the local health jurisdiction where the patient resides. New cases can develop in the 7-21 days after exposure.

### **Actions Requested of Healthcare Professionals:**

- **WATCH for measles symptoms – Consider measles in patients of any age who have a fever  $\geq 101^{\circ}\text{F}$  ( $38.3^{\circ}\text{C}$ ) *AND a maculopapular rash, regardless of their travel history or exposure history. Mask anyone with fever and rash.* Please note that although documentation of receipt of two doses of MMR vaccine or a prior positive measles IgG test result makes the diagnosis of measles less likely, **measles can still occur in such persons.****
- **IMMEDIATELY REPORT suspect measles cases. Call while the patient is in the office. Do not wait for lab confirmation to call.**
  - For Berkeley residents ONLY: Please call the Communicable Disease Prevention and Control Unit (CDPC) at (510) 981-5292. **After hours:** the Public Health Officer can be reached at 510-981-5911 (Berkeley Police Dispatch).
  - For all other Alameda County residents: Please call the ACPHD Acute Communicable Disease Section by calling 510-267-3250, M-F 8:30a-5p, or after hours call: 925-422-7595.

- **TEST in consultation with Public Health**
  - Collect a throat swab (for measles PCR) with a Dacron swab and place in Viral Transport Media. Do not place in bacterial media, as the specimen will not be tested.
  - Collect a urine specimen (for measles PCR) in any container (does not need to be sterile)
  - Draw blood (for measles IgM and IgG) **if and only if** it is already Day 4 or later after rash onset
  - Collecting specimens while the patient is at your facility will prevent delays in confirmation and limit the potential for additional healthcare exposures.
  - Please HOLD specimens for testing by public health. **Do not send specimens to a commercial lab. Do not send the patient to the laboratory for testing.**
  
- **IMPLEMENT** airborne precautions immediately, and mask and isolate patient (use a negative pressure room if available). Do not use a regular exam room for at least 1 hour after a suspected measles patient has left the room.
  
- **ADVISE** patient to stay home until contacted by Public Health.
  
- **ENSURE your staff and patients are up-to-date on their vaccinations against measles.** Two doses of measles-containing vaccine (MMR vaccine) are more than 97% effective in preventing measles. The first dose is routinely given at 12-15 months of age, with the second dose at age 4-6 years. The second dose may be given as early as 28 days after the first dose. Infants aged 6–11 months should receive 1 dose of MMR vaccine before international travel, then they should be vaccinated with MMR (measles-mumps-rubella-varicella) vaccine at 12–15 months (≥28 days after the initial dose) and again at 4–6 years.

**Additional Information:**

Berkeley Public Health CDPC Unit

Alameda County Public Health (ACPHD)

California Department of Public Health (CDPH)

**Measles Laboratory Testing Guidance:**

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Measles-Testing-InformationVRDL.pdf>

**Immunization Questions for Patients:**

<http://www.acphd.org/media/538005/immunization-questions-from-adults-regarding-measles-032019.pdf>

**Measles Investigation Resources:**

CDPH Measles Quicksheet:

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/Measles-Quicksheet.pdf>

[2013 IDSA Clinical Practice Guideline for Vaccination of the Immunocompromised Host:](#)

**Information on IG Administration:**

<https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/Immunization/Measles-IGPEPQuicksheet.pdf>