



STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P. O. BOX 3378  
HONOLULU, HI 96801-3378

In reply, please refer to:  
File:

May 15, 2018

MEDICAL ADVISORY: MUMPS OUTBREAK UPDATE—  
ONGOING ACTIVITY ON OAHU AND NEW CASE ON MAUI

Dear Healthcare Provider:

As of this date, 985 confirmed cases of mumps have been identified statewide since the outbreak began over year ago in March 2017. While the number of persons with mumps has been decreasing in the past several months, the Hawaii Department of Health (HDOH) continues to confirm new cases each week, especially on Oahu, indicating ongoing transmission. In addition, a case has recently been identified in a Maui resident who reportedly traveled to Oahu. This is the first confirmed case on Maui since November 2017. With frequent inter-island travel and the influx of visitors to Hawaii, it is important to remain vigilant to prevent further spread of mumps.

**Mumps Outbreak Reminders:**

- Order **PCR testing** on patients with suspected mumps (NOT serology)
  - Collect **buccal swab** (ideally within 3 days and not more than 8 days after parotitis onset)
  - IgM antibody for mumps may not be detectable in persons, regardless of timing of specimen collection
- Inform patients that *per State Law*, persons with suspected mumps must self-isolate (e.g., no school, work, or public places) **for 9 days after parotid swelling onset** or until mumps is ruled out; such persons should avoid close contact/sharing of cups/utensils with household members
- Administer an **outbreak MMR dose** (born in 1957 or later), **especially if age 10–45 years and they live/work/socialize in crowded conditions, regardless of:**
  - Previous age-appropriate vaccination; or
  - Documentation of positive mumps IgG titer

The outbreak dose should be separated by a previous mumps-containing vaccine by a minimum of 4 weeks. A patient should receive no more than 3 total doses of mumps-containing vaccine.

- Report all suspected mumps cases to the Department of Health:
  - Oahu (Disease Reporting Line) .....(808) 586-4586
  - Maui District Health Office .....(808) 984-8213
  - Kauai District Health Office .....(808) 241-3563
  - Big Island District Health Office (Hilo) .....(808) 933-0912
  - Big Island District Health Office (Kona).....(808) 322-4877
  - After hours on Oahu.....(808) 600-3625
  - After hours on neighbor islands.....(800) 360-2575 (toll free)

**\*\* This message contains privileged communication between the Department of Health and clinicians and should not be shared with or forwarded to those not included among the original recipients. \*\***

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For more information, visit <http://health.hawaii.gov/docd/advisories/mumps/>. Case counts and any new information or resources are updated on the website every Thursday afternoon as long as this outbreak continues.

We appreciate your ongoing efforts to protect Hawaii's population from the spread of mumps in our communities.

Sincerely,



Sarah Y. Park, MD, FAAP  
State Epidemiologist  
Hawaii Department of Health

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