



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

In reply, please refer to:
File:

April 28, 2017

MEDICAL ADVISORY: TWO SEPARATE, CONCURRENT MUMPS CLUSTERS
ON OAHU

Dear Healthcare Provider:

Since March 2017, the Hawaii Department of Health (HDOH) has been investigating an increasing number of cases with confirmed mumps infection and no travel. Currently, we are aware of two separate and concurrent clusters, together involving at least 9 cases on Oahu. Cases have ranged in age from 3–47 yrs (median 22 yrs); all, thus far, have been managed as outpatients. We ask clinicians to be alert and to keep in mind mumps can be challenging to control for the following reasons:

- Persons with mumps may be infectious several days *before* parotitis onset
- Crowded environments (e.g., close office spaces, school settings) contribute to disease spread
- Incubation period may be 12–25 days
- 2-dose vaccine effectiveness is approximately 88%
- No effective post-exposure prophylaxis

Providers should report any *suspected* cases to HDOH immediately and *be aware of the appropriate diagnostic tests*.¹ Some people who receive two MMR doses can still get mumps, especially if they have prolonged, close contact with someone who has the disease. Therefore, consider mumps in all acutely ill persons with pain, tenderness, and swelling in one and, especially, both parotid salivary glands, regardless of vaccination status.

Please assist in preventing the spread of mumps in our community by:

- Ensuring all of your patients and staff are fully vaccinated with MMR vaccine.² *High vaccination coverage helps to limit the spread of mumps.*
- Reinforcing self-isolation for patients suspected or diagnosed with mumps infection (Hawaii State Law requires persons with mumps to be restricted from school, work, or travel for *9 days after parotitis onset*)
- Informing susceptible (e.g., unvaccinated or non-immune) exposed contacts (including health care personnel) that Hawaii State Law requires they be restricted from school, work, or travel from day 12 through day 25 after exposure.

¹ Refer to 4th paragraph of [Medical Advisory dated 21 March 2017](#).

² For more information about vaccination, refer to the “Prevention” and “Additional Resources” section at http://health.hawaii.gov/docd/disease_listing/mumps/#prevention.

**** 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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Report any *clinically suspected* cases of mumps immediately. Do NOT wait for laboratory confirmation—disease may spread while you wait:

- 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) 566-5049
- After hours on neighbor islands (800) 360-2575 (toll free)

Please refer to http://health.hawaii.gov/docd/disease_listing/mumps/ and the December 2016 and March 2017 mumps advisories (<http://health.hawaii.gov/docd/for-healthcare-providers/medical-advisories/>) for more information about mumps infection and immunization. Additional information, including vaccine recommendations (<https://www.cdc.gov/mmwr/pdf/rr/rr6204.pdf>) and instructions for buccal swab collection (<https://www.cdc.gov/mumps/lab/specimen-collect.html>) or <https://www.cdc.gov/mumps/lab/detection-mumps.html> may be found at: <https://www.cdc.gov/mumps/hcp.html>.

We appreciate your vigilance and assistance in protecting our community from the spread of mumps.

Sincerely,



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

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