



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

In reply, please refer to:  
File:

November 13, 2017

**MEDICAL ADVISORY: CONTINUING MUMPS OUTBREAK  
AND OUTBREAK MMR DOSE RECOMMENDATION**

Dear Healthcare Provider:

To date, the Hawaii Department of Health (HDOH) has identified 557 confirmed cases of mumps statewide. This number likely underrepresents the true number of those infected. Almost two thirds of cases are among adults, while the remaining third are among adolescents. For most, symptoms continue to be mild–moderate in severity; however, there have been at least 12 reports of orchitis and 4 of hearing loss.

With the holidays rapidly approaching and our investigations indicating persistent disease activity, HDOH recommends administering an outbreak MMR dose to all persons NOW to help curtail this outbreak as well as improve protection against mumps disease and its related complications. This recommendation is supported by a recent vote of the US Centers for Disease Control and Prevention’s Advisory Committee on Immunization Practices to administer an additional dose of mumps-containing vaccine for those at increased infection risk because of an outbreak.

**Outbreak MMR Dose Recommendation**

The outbreak dose of MMR vaccine is recommended **for adolescents through adults** (born in 1957 or later), **regardless of:**

- Previous age-appropriate vaccination; or
- Documentation of positive mumps IgG titer—a positive titer does NOT reliably indicate immunity to mumps disease; therefore, do NOT obtain titers prior to vaccination

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

**Mumps Outbreak Reminders:**

- Report all clinically suspected mumps cases to DOH while the patient is still in your office
- 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 excluded

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- Remind persons with suspected/confirmed mumps to wear a mask and avoid close contact/sharing of cups/utensils with household members
- Collect laboratory specimen(s) (buccal swab and/or urine) for PCR testing for persons with suspected mumps

If you have any questions, you may contact us at one of the numbers below.

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)

For more information, please visit <http://health.hawaii.gov/docd/departments-of-health-investigating-mumps-cases/>.

We greatly appreciate your efforts to help protect Hawaii’s population during this ongoing mumps outbreak.

Sincerely,



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

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