



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

In reply, please refer to:
File:

February 13, 2020

MEDICAL ADVISORY: MUMPS CASE ON BIG ISLAND

Dear Healthcare Provider:

The Hawaii Department of Health (HDOH) is investigating a confirmed case of mumps in an unvaccinated adult on the island of Hawaii, with onset of illness on February 4, 2020. The case’s illness was contracted in Hawaii, although the source of exposure is unknown. Please be alert and report any suspected cases of mumps immediately to prevent the spread of mumps in our communities.

Mumps is an acute viral illness characterized by nonspecific prodromal symptoms (low grade fever, myalgia, anorexia, malaise, and headache), followed by pain, tenderness, and swelling of one or more of the salivary glands (most commonly the parotid glands). The incubation period is usually 16–18 days after exposure (range 12–25 days). Mumps spreads through direct contact with respiratory secretions and saliva. Persons with mumps are most contagious several days before and after parotitis onset.

To minimize the impact of mumps cases on your staff, patients, and our community:

- Confirm your patients and staff are appropriately vaccinated with MMR (measles-mumps-rubella) vaccine. *Vaccination is the most effective method of prevention.*
- Consider mumps in all acutely ill persons with pain, tenderness, and parotid swelling, *regardless of vaccination status*
- Isolate suspected mumps cases and report immediately to HDOH.
- Collect buccal/parotid duct specimen for real-time, reverse transcriptase polymerase chain reaction (rRT-PCR) testing, ideally within 3 days and not more than 8 days after onset
- Restrict persons with mumps from school, work, travel, and public places for nine (9) days after parotitis onset, per Hawaii State Law.

Please report any clinically suspected case of mumps immediately. Do NOT wait for laboratory confirmation:

- Oahu (Disease Reporting Line).....(808) 586-4586
- Maui District Health Office.....(808) 984-8213
- Kauai District Health Office.....(808) 241-3563

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February 13, 2020

Page 2

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)

We appreciate your vigilance and assistance in protecting our communities from mumps.

Sincerely,



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

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