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Significant Measles Exposure at Sea-Tac Airport

Cases may occur between May 13 and June 1, 2019

A Pierce County man in his 40's has been diagnosed with measles; he spent a significant amount of time working at the Sea-Tac Airport during the infectious period. Exposures in the community as a result of this case occurred between May 6 and May 11. Measles cases from these exposures are expected to occur between May 13 and June 1, 2019. Providers should be on alert for cases of measles that may have had the following exposures:

Pierce and King County locations of potential exposure to measles

| Date | Time | Location |
|------------------|----------------------|--|
| May 6 – 10, 2019 | 5:30 – 8 a.m. | Sea-Tac International Airport Main parking garage 8th floor, far southern garage elevator, 4th level breezeway to escalator, terminal to baggage claim area |
| May 6 – 10, 2019 | 2 – 5 p.m. | Sea-Tac International Airport Baggage claim area to escalator, 4th level breezeway, far southern garage elevator, 8th floor parking garage |
| May 6, 2019 | 5 – 7:15 p.m. | Orting Transmission, 130 Corrin Ct NW, Orting |
| May 6, 2019 | 6 – 10 p.m. | Orting High School, Orting City Planning Meeting, 320 Washington Ave N, Orting |
| May 7, 2019 | 10 a.m. – 12:15 p.m. | Sea-Tac International Airport General area around gate A10 |
| May 7, 2019 | 5 – 8 p.m. | Orting Transmission, 130 Corrin Ct NW, Orting |
| May 7, 2019 | 7:30 – 10 p.m. | Orting High School, Orting Junior Dance Team Banquet, 320 Washington Ave N, Orting |
| May 9, 2019 | 10 a.m. – 12:15 p.m. | Sea-Tac International Airport |

Pierce and King County locations of potential exposure to measles

| Date | Time | Location |
|--------------|---------------------------------------|---|
| | | General area around gate A10 |
| May 9, 2019 | 4 – 7:30 p.m. | Discount Tire, 19815 S. Prairie Rd E, Bonney Lake |
| May 9, 2019 | 6 – 9:30 p.m. | Skookum Archery, 11209 Shaw Rd E, Puyallup |
| May 10, 2019 | 6:30 – 8:40 a.m. | 76 Gas Station Market, 2841 S 188th St, SeaTac |
| May 10, 2019 | 3:15 – 5:45 p.m. and 6:30 – 9 p.m. | Orting Transmission 130 Corrin Ct NW, Orting |
| May 11, 2019 | 8 – 10:30 a.m. | Sound Family Medicine, Bonney Lake Walk-in Clinic, 10004 204 Ave, Bonney Lake. |

Consider measles infection in patients with compatible symptoms, including:

- Prodrome of fever, cough, coryza and conjunctivitis lasting 2–4 days
- Generalized maculopapular rash that usually begins on the face
- Koplik’s spots may appear on buccal mucosa 1–2 days prior to rash

Assess patients with measles symptoms for local exposures (listed above), domestic or international travel to areas where measles outbreaks are occurring, or potential exposure to a confirmed measles case. **If there is no known or potential exposure, measles testing is likely not indicated.**

Instruct reception/triage staff to identify and isolate patients who present with symptoms of possible measles

- Patients with symptoms of measles should wear a mask covering the nose and mouth and should be kept away from patient waiting rooms
- Room the patient immediately and close the door
- Only staff with documented immunity to measles should be allowed to enter the patient’s room
- After the patient is discharged, do not use the room for 2 hours

Collect specimens on patients with suspected measles (compatible symptoms and exposure):

- Nasopharyngeal swab (preferred respiratory specimen) for PCR and virus isolation
- Urine (at least 50 ml) for PCR and virus isolation
- Serum (at least 1 cc) for measles IgM.

All health care providers must receive approval from the Health District prior to submitting specimens for testing at the state lab. Diagnostic testing at commercial laboratories does not need approval from public health. To arrange for testing at the state lab or for questions about testing, please contact

- **Communicable Diseases, 509-539-0416 during normal business hours**
- **509-543-3851 after hours**

Ensure patients and staff are up-to-date with MMR vaccinations. There are no changes to the ACIP MMR Recommendations statement that was published in 2013.

(<https://www.cdc.gov/mmwr/preview/mmwrhtml/rr6204a1.htm>)

- There is no recommendation for an adult catch-up program for persons born before 1989.
- There is no recommendation for vaccination campaigns among adults or individuals in non-affected areas to prevent measles outbreaks.