

HEALTH ALERT



Public Health
Prevent. Promote. Protect.

REGION IV PUBLIC HEALTH

Clark, Cowlitz, Skamania, Wahkiakum
counties and Cowlitz Tribe

TO: Physicians and other health care providers

Please distribute a copy of this information to each provider in your organization.

Questions regarding this information may be directed to the office of:

Alan Melnick, MD, MPH, CPH

Clark County Public Health, (360) 397-8412

Skamania County Community Health, (509) 427-3850

Cowlitz County Health & Human Services, (360) 414-5599

Wahkiakum County Health & Human Services, (360) 795-6207

Teresa Everson, MD, MPH

Clark County Public Health, (360) 397-8412

Skamania County Community Health, (509) 427-3850

Alert categories:

Health Alert: conveys the highest level of importance; warrants immediate action or attention.

Health Advisory: provides important information for a specific incident or situation; may not require immediate action.

Health Update: provides updated information regarding an incident or situation; no immediate action necessary.

To subscribe or unsubscribe from this listserv, email: Tippy.Hartford@clark.wa.gov.

**HEALTH
ALERT**
Jan. 17, 2019

**Public Health investigating 14 measles
cases, three suspect cases in Clark
County**



Summary

The purpose of this advisory is to provide an update to the measles outbreak investigation.

Clark County Public Health has identified 14 confirmed and three suspect measles cases, all among children. Thirteen of the cases are unvaccinated; the immunization status for the other case is unverified.

All possible contacts are being advised to watch for symptoms of measles and seek health care for diagnosis by calling ahead in order to avoid exposing others in waiting rooms and lobbies.

Public Health has identified several public exposure locations:

Health care facilities:

- **Magnolia Family Clinic**, 2207 NE Broadway, Suite 200, Portland from 11:30 am to 3 pm Tuesday, Jan. 8.
- **The Vancouver Clinic**, 700 NE 87th Ave., Vancouver
 - 3:30 to 7 pm Friday, Jan. 11.
 - 10:45 am to 1:30 pm Saturday Jan. 12.
 - 4:30 to 7:30 pm Sunday, Jan. 13.
 - 9:30 am to 1 pm Monday, Jan. 14.
- **Kaiser Cascade Park**, 12607 SE Mill Plain Blvd., Vancouver from 1 to 8:30 pm Saturday, Jan. 12.
- **Randall Children's Hospital at Legacy Emanuel Emergency Department**, 2801 N Gantenbein Ave., Portland from 11:30 am to 2 pm Saturday, Jan. 12.
- **PeaceHealth Southwest Medical Center Emergency Department**, 400 NE Mother Joseph Pl., Vancouver
 - 10 pm Saturday, Jan. 12 to 4 am Sunday, Jan. 13.
 - 12:30 to 8:30 pm Sunday, Jan. 13.
- **Legacy Salmon Creek Medical Center Emergency Department**, 2211 NE 139th St., Vancouver
 - 8:30 pm Saturday, Jan. 12 to 1 am Sunday, Jan. 13.
 - 5:45 pm Sunday, Jan. 13 and 12:30 am Monday, Jan. 14.

Schools:

- **Cornerstone Christian Academy**, 10818 NE 117th Ave., Vancouver on Friday, Jan. 4
- **Vancouver Home Connection**, 301 S. Lieser Road, Vancouver on Monday, Jan. 7; Tuesday, Jan. 8; and Friday, Jan. 11.

To subscribe or unsubscribe from this listserv, email: Tippy.Hartford@clark.wa.gov.

- **Hearthwood Elementary School**, 801 NE Hearthwood Blvd., Vancouver on Monday, Jan. 7; Tuesday, Jan. 8; and Wednesday, Jan. 9.
- **Image Elementary School**, 4400 NE 122nd Ave., Vancouver on Tuesday, Jan. 8 and Wednesday, Jan. 9.
- **Eisenhower Elementary School**, 9201 NW Ninth Ave., Vancouver on Tuesday, Jan. 8 and Wednesday, Jan. 9.

Public Health is requiring exclusion of students and staff without documented immunity to measles from schools, child care and other congregate settings.

Other locations:

- **Church of Christ Savior**, 3612 F St., Vancouver from 9:30 am to noon Sunday, Jan. 6 and 6 to 11:30 pm Sunday, Jan. 6.
- **Church of Truth**, 7250 NE 41st St., Vancouver from 11 am to 4:30 pm Sunday, Jan. 6.
- **Portland International Airport**, 7000 NE Airport Way, Portland from 10:45 am to 3:45 pm on Monday, Jan. 7. More specifically, anyone who spent time in Concourse D and the Delta Sky Lounge during that time period.
- **Costco**, 4849 NE 138th Ave., Portland from 1 to 5:30 pm Tuesday, Jan. 8.
- **Amazon Lockers**, 1131 SW Jefferson St., Portland from 3:30 pm to 7 pm Thursday, Jan. 10.
- **Rejuvenation**, 1100 SE Grand Ave. Portland from 3:30 to 7:30 pm Thursday, Jan. 10.
- **Pho Green Papaya**, 13215 SE Mill Plain Blvd., Vancouver from 7:30 to 10:30 pm Thursday, Jan. 10.
- **Chuck's Produce**, 13215 SE Mill Plain Blvd., Vancouver from 8 to 11:45 pm Thursday, Jan. 10 and 2:30 to 5:30 pm Friday, Jan. 11.
- **Ikea**, 10280 NE Cascades Parkway, Portland from 4:30 to 8:30 pm Friday, Jan. 11.

Updates to public exposure locations will be posted on our measles investigation webpage: www.clark.wa.gov/public-health/measles-investigation.

Clinical presentation

Please consider measles in patients who:

- Present with febrile rash illness and the “three Cs”: cough, coryza (runny nose) or conjunctivitis (pink eye).
- Recently traveled internationally or potentially exposed to someone with confirmed measles.

Health care providers should consider measles when evaluating patients for febrile rash illnesses, including dengue (<https://www.cdc.gov/dengue/>) and Kawasaki disease (<https://www.cdc.gov/kawasaki/>).

To subscribe or unsubscribe from this listserv, email: Tippy.Hartford@clark.wa.gov.

Infection control

If you suspect measles, immediately mask and isolate patients (in a negative-pressure room, if possible) to avoid disease transmission.

Contact your local health department to arrange for testing. Refer to the steps on the attached Suspect Measles Worksheet (www.clark.wa.gov/sites/default/files/dept/files/public-health/CD/Resources/SuspectMeaslesWorksheet.pdf).

Here are other ways to minimize exposure to others:

- If possible and appropriate, patient may be scheduled as the last patient of the day.
- If feasible, appropriate and patient privacy can be protected, patient can be briefly evaluated outside, at least 30 feet from others. Once mask is placed and a clear path to exam room is prepared, patient can be escorted into the building.
- Whenever possible, patient should be escorted from a separate clinic entrance that allows them to access an exam room directly, without exposing others.
- The number of health care workers interacting with the patient should be kept to a minimum.
- If the patient is already in the clinic, patient should be roomed immediately, rather than allowed to wait in the lobby.
- The exam room door should remain closed at all times, and the patient should remain masked during the entire visit.
- All labs and clinical interventions should be done in the exam room.
- The exam room should not be used for at least two hours after the patient has left.

Additional guidance for health care providers

CDC measles

<http://www.cdc.gov/measles/hcp/index.html>

CDC Provider Resources for Vaccine Conversations with Patients

<https://www.cdc.gov/vaccines/hcp/conversations/index.html>

Washington State Department of Health

<https://www.doh.wa.gov/ForPublicHealthandHealthcareProviders/NotifiableConditions/Measles>

To subscribe or unsubscribe from this listserv, email: Tippy.Hartford@clark.wa.gov.

*Presumptive evidence of measles immunity is defined as:

1. Birth before 1957
2. Laboratory-confirmed disease
3. Laboratory evidence of immunity (protective antibody titers) or
4. Documentation of age-appropriate vaccination with a live measles virus-containing vaccine:
 - Pre-school children: 1 dose
 - Children in grades K–12: 2 doses
 - Health care personnel born during or after 1957: 2 doses
 - Students at post-high-school educational institutions: 2 doses
 - International travelers ≥ 12 months of age: 2 doses
 - Children 6–11 months of age who plan to travel internationally: 1 dose
 - All other adults: 1 dose

Thank you for your partnership.

LHJ	Phone	Fax
Clark County Public Health:	(564) 397-8182	(360) 397-8080
Cowlitz County Health Department:	(360) 414-5599	(360) 425-7531
Skamania County Community Health:	(509) 427-3850	(509) 427-0188
Wahkiakum County Health and Human Services:	(360) 795-6207	(360) 795-6143



Suspect Measles Worksheet

Probable and confirmed cases are **IMMEDIATELY** reportable to Clark County Public Health

Patient Name:		DOB:	
Evaluating Clinician:	Date of Eval:		Phone:
Consider measles in the differential diagnosis of patients with fever and rash:	Yes	No	Comment
A) What is the highest temperature recorded?		°F	Fever onset date: ___ / ___ / ___
B) Does the rash have any of the following characteristics?			Rash onset date: ___ / ___ / ___
<ul style="list-style-type: none"> Was the rash preceded by one of the symptoms listed in (C) by 2-4 days? Did fever overlap rash? Did rash start on head or face? 			Measles rashes are red, maculopapular rashes that may become confluent – they typically start at hairline, then face, and spreads rapidly down body. Rash onset typically occurs 2-4 days after first symptoms of fever ($\geq 101^{\circ}\text{F}$) and one or more of the 3 C's (cough, conjunctivitis, or coryza).
C) Does the patient have any of the following?			
<ul style="list-style-type: none"> Cough Runny nose (coryza) Red eyes (conjunctivitis) 			
D) Unimmunized or unknown immune status?			
E) Exposure to a known measles case?			Date and place of exposure:
F) Travel, visit to health care facility, or other known high-risk exposure in past 21 days?			Contact CCPH for potential exposure sites.

Measles is highly suspected if you answered YES to at least one item in B and C, PLUS YES in D or E or F.

IMMEDIATELY:

- Mask and isolate the patient (in negative air pressure room when possible) AND
- Call Clark County Public Health at the numbers below to arrange testing at the WA State Public Health Laboratories (WAPHL). All health care providers must receive approval prior to specimen submission.

Collect the following specimens:

- Nasopharyngeal (NP) swab for rubeola PCR and culture (the preferred respiratory specimen)**
 - Swab the posterior nasal passage with a Dacron™ or rayon swab and place the swab in 2–3 ml of viral transport medium. Store specimen in refrigerator and transport on ice.
 - Throat swab also acceptable.
- Urine for rubeola PCR and culture:**
 - Collect at least 50 ml of clean voided urine in a sterile container (sputum specimen containers also work very well for transporting urine.) and store in refrigerator.
- Serum for rubeola IgM and IgG testing:**
 - Draw blood in a red or tiger top (serum separator) tube. The ideal amount of blood is 4-5 ml, 1 ml being the minimum in order to yield enough serum to perform testing.
 - Let specimen sit at room temperature for 1-4 hours to clot; then spin down to separate serum.
 - Pipette serum into a new red top tube. Can send a tiger top tube as is.
 - Store serum specimen in refrigerator until it can be transported on ice.

If you have questions about this assessment or the collection and transport of specimens, please call **Clark County Public Health Communicable Disease Unit** at:

Monday - Friday (8am-5pm): (564) 397-8182

After hours (CCPH duty officer): (888) 727-6230