

Update: Measles in Orange County

May 24, 2019

No additional cases of measles have been identified in Orange County since the last update. Given that 21 days have passed since the original cases in the international traveler, infant, and University of California, Irvine student (Long Beach resident), without any additional community cases, **there is no evidence of sustained community transmission of measles in Orange County at this time.** The case reported last week was in close contact with a previously identified case and not exposed in the general community. Orange County clinicians should consider the epidemiologic risk factors for measles (e.g., history of international travel, travel to a U.S. community with ongoing measles transmission, exposure to international travelers or to other measles cases), along with clinical history and exam, when evaluating a person with fever and rash and considering measles.

For a full size version of this embedded flyer, click [here](#).

For more detailed guidance, see our previous advisories at www.ochealthinfo.com/measles or the CDPH [Measles Clinical Guidance](#).

Should I Test For Measles? A Guide for California Healthcare Providers

While suspecting measles in your patient, immediately mask and isolate the patient per airborne precautions.*

STEP 1 - HISTORY

In the 21 days prior to onset of illness, has patient had any of the following?

- Known exposure to a person with measles?
- International travel, contact with an international traveler, or been to an international airport in the US?
- Visited a venue popular with international visitors?
- Resided in or visited a US community with measles cases?

Current listings at bit.ly/2JqBbMW

If **NO** to all, measles very unlikely, testing not required.



If **YES** to any, continue

STEP 2 - EXAM

Has the patient had a combination of...?

- **FEVER**
- And one or more of: **COUGH, CONJUNCTIVITIS, or RUNNY NOSE**
- And **RASH**[†]
 - Red-brown macules or papules - may become confluent patches
 - Begins on face and progresses downwards to the rest of the body
 - Typically appears within a few days after other symptoms begin

If no rash within 4 days after onset of illness, you may consult your local health department.



If **YES**

STEP 3

CALL your local health department (LHD)[^] to report illness and discuss testing.

COLLECT specimens for PCR testing.

- Urine (10-50 ml in sterile container) AND
- Dacron swab of throat (preferred) or nasopharynx in viral transport medium

If **NO**

Measles unlikely, testing not required.

As needed, call your local health department for consultation.

[^]LHD contact information: bit.ly/LHD-Reporting. For Orange County: 714-834-8180

*Place patient in a negative pressure room when available; if not, examine the patient outside the facility or in a private room with the door closed; minimize the time patient spends in the facility. Other precautions apply.

[†]Immunization in last month with MMR or MMRV can be a cause of measles-like rash - check immunization history. Testing is not indicated if immunized against measles in last month and answer is no to all questions in Step 1.

