



## OFFICIAL COMMUNICATIONS

COUNTY OF ST. CLAIR  
PUBLIC HEALTH DEPARTMENT

# 2015 Update

ISSUE DATE: 01/29/15

To: St. Clair County Providers,  
Hospital ICPs, Emergency  
Departments, ED Physicians.  
From: **SCCHD**  
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### **UPDATE: MEASLES INFORMATION FOR CLINICIANS**

From December 28, 2014 through January 21, 2015, more than 50 people from six states were reported to have measles. Most of these cases are part of a large, ongoing outbreak linked to an amusement park in California. St. Clair County Health Department (SCCHD) urges healthcare professionals to consider measles when evaluating patients with febrile rash and ask about a patient's recent international travel history and travel to domestic venues frequented by international travelers.

Early recognition and appropriate response are keys to limiting spread of this highly contagious disease. SCCHD advises clinicians to be familiar with this important disease.

#### **Clinical Case Definition:**

An illness characterized by:

- A generalized rash lasting 3 or more days, **and**
- A temperature of 101 °F or higher (38.3 °C or higher) **and**
- Cough, coryza, and/or conjunctivitis.

#### **Laboratory Confirmation:**

- **Serum:** IgM and/or paired IgG assays (if IgM negative on serum collected less than 3 days after rash onset, obtain more serum and repeat IgM).
- **Throat, nasopharyngeal, and/or nasal swab:** submit in viral transport media; arrangements for testing made through SCCHD.
- **Urine:** 50 mL, clean catch mid-stream, sterile container.

#### **Recommendations:**

- Report **suspect** cases **immediately** to SCCHD.
- Isolate patient at home; in a medical setting, use negative-pressure room.
- Be proactive:
  - Assure that patients and staff are protected against measles.
  - Implement procedures ahead of time for seeing ill, potentially contagious patients in a manner that prevents exposing others.
  - Consider measles in the assessment of fever, rash, and history of foreign travel or contact with someone with a febrile rash illness. Immunocompromised patients may not exhibit rash or may exhibit an atypical rash.
  - Ask about a patient's recent international travel history and travel to domestic venues frequented by international travelers.
  - Stock appropriate diagnostic supplies (swabs, viral transport, media, etc.).

Call SCCHD with questions or to report suspect/actual cases (810) 987-5300. MDCH Measles Investigation guidelines: [http://www.michigan.gov/documents/mdch/Measles\\_388976\\_7.pdf](http://www.michigan.gov/documents/mdch/Measles_388976_7.pdf)