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OFFICIAL COMMUNICATIONS

St. Clair County Health Department

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TO: St. Clair County Providers, Hospital ICPs, Emergency Departments, ED Physicians, Veterinarians, Laboratories, Medical Control Authority, Central Dispatch

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UPDATE: MEASLES INFORMATION FOR CLINICIANS

MDHHS has confirmed 16 cases of measles in Michigan so far in 2018 and three more are suspected, the highest level the state has seen since 1994 when 26 cases were reported. Adults and children are being affected. All but one of the cases is in either Oakland or Washtenaw counties. Michigan cases are connected to international travel to countries having measles outbreaks.

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**
- At least one of the following: Cough or coryza (runny nose) or conjunctivitis.

Laboratory Confirmation:

- **Serum (preferred):** Measles IgM antibody. Specimens for measles virology should be routinely collected along with serum when investigating potential measles cases. Arrangements for testing made through SCCHD
- **Throat or nasopharyngeal (preferred), and/or nasal swab-PCR:** 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.). To obtain MDHHS serology and virology specimen collection and container kits, call MDHHS Laboratory Support Unit: 517-335-9040 or your lab courier.

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