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OFFICIAL COMMUNICATIONS

St. Clair County Health Department

2023

SCCHD-02

ISSUE DATE: 08/15/23

TO: St. Clair County Providers, Hospital ICPs, Emergency Departments, Walk-In Clinics, Long Term Care Facilities, Neurologists, ENT's, Pulmonology, OB/GYN, and Pediatricians

FROM: Bailee Danneels RN, BSN
SCCHD C.D. Coordinator
P: 810- 987-5300 F: 810-985-4340

ST. CLAIR COUNTY HEALTH DEPARTMENT ADVISES INCREASED SURVEILLANCE FOR MUMPS

St. Clair County Health Department (SCCHD) and Michigan Department of Health & Human Services (MDHHS) have identified 1 confirmed probable case of Mumps within St. Clair County. Mumps is a viral infection that is spread from the saliva or respiratory droplets from the mouth, nose or throat of an infected person.

Early recognition and appropriate response are keys to limiting spread of this contagious disease. People are contagious most likely 2 days before symptom onset to 5 days after symptoms (possibly 7-9 days after). SCCHD advises clinicians to be familiar with this important disease and include it in their differential diagnoses.

Mumps illness is characterized by:

- Acute onset of unilateral or bilateral tender swelling of the parotid and/or other salivary glands, orchitis, or oophoritis for at least 2 days unexplained by a more likely diagnosis
- Fever
- Headache
- Muscle Aches
- Tiredness
- Loss of appetite

Laboratory Testing Recommendations:

Complete both PCR and serology:

- **PCR:** Detection of mumps nucleic acid (RNA) standard or real-time reverse transcription polymerase chain reaction (RT-PCR)
 - **Serology:** Antibody testing for IgM and IgG
- OR**
- **Viral Culture:** Isolation of mumps from a clinical specimen (e.g. buccal mucosal swab, throat swabs, oral fluid; urine)

Recommendations:

- Report **suspect** cases **immediately** to SCCHD
- Isolate patient at home; in a medical setting, use droplet and standard precautions
- Be proactive:
 - Assure that patients and staff are protected against Mumps with the MMR vaccine
 - Implement procedures ahead of time for seeing ill, potentially contagious patients in a manner that prevents exposing others.
 - Stock appropriate diagnostic supplies (swabs, viral transport, media, etc.)

Call SCCHD with questions or to report suspect/actual cases at (810) 987-5300. MDHHS Mumps Investigation guidelines: [MDHHS Mumps Investigation Guidance](#)