Parotitis? Consider mumps AND influenza
This season, CDC has reported an increase in influenza A patients who develop parotitis (salivary gland swelling) similar to symptoms of mumps. Clinicians evaluating a patient with parotitis during flu season should contact public health and should evaluate for both mumps and influenza.

Influenza activity in Tennessee
• The percentage of outpatients with ILI visiting the state's Sentinel clinic sites was above the CDC's baseline rate of 2.1%.
• 17.1% of specimens tested positive for influenza viruses.
• 59 of 95 Tennessee counties have had at least one confirmed influenza-

The percentage of patients with ILI reported in Week 10 was 6.02% as compared to 5.44% in Week 9. Reported ILI in the Jackson sentinel site is consistently higher than others due to the classification process used there; the levels of laboratory-confirmed influenza suggest that actual influenza cases are rising but are lower than the ILI rate there suggests. To date, 450 specimens from Week 10 have been tested by TDH Laboratory Services and two commercial laboratories serving clinics and hospitals across Tennessee; 77 (17.1%) were positive for influenza viruses. A map of counties with recent influenza-positive specimens is included.

SPN sites should submit specimens year-round from ALL patients meeting the ILI case definition: Fever > 100°F (37.8°C) plus cough and/or sore throat, in the absence of a known cause (other than influenza). Case definition is not dependent on any test. If you have questions, contact your regional or state SPN representative. The TDH specimen submission form dated September 2015 should be used.

Specimens are critical to be able to track the geographic spread and intensity of seasonal influenza viruses, to detect the emergence of novel virus and/or antiviral resistance and provide data for vaccine strain selections.
Percentage of Outpatient Visits Reported by the U.S. and Tennessee Outpatient Influenza-like Illness Surveillance Network (ILINet) as Influenza-like Illness, 2016-2017

Influenza Positive Tests Submitted to TN Dept. of Health Laboratory Services Tennessee, 2016-2017
Influenza Confirmed by Culture or PCR in Tennessee from Specimens Collected by Any Source within the Past 6 Weeks

January 29 through March 11, 2017

- Strains are reported by county of case residence.
- Counties where influenza sentinel providers are located are identified with bold boundary lines.
- Stars mark counties with large metropolitan populations (Memphis, Jackson, Nashville, Chattanooga, Knoxville, and the Tri-Cities area).

Note: TDH weekly laboratory surveillance for influenza includes PCR and culture results for Tennessee specimens submitted to two commercial laboratories serving outpatient clinics and hospitals statewide. These numbers are added to those from TDH Laboratory Services and help provide a picture of influenza activity areas of the state in which there are not Sentinel surveillance sites.
Important information for Sentinel Providers

Sentinel Providers report ILI by the end of Wednesday following the end of the reporting week (https://wwwn.cdc.gov/ilinet/) and collect and ship specimens from ILI cases Monday through Thursday (maximum 10/week per provider). All Sentinel Provider specimens MUST be accompanied by the Influenza and Respiratory Viral Panel Submission form or testing will not be done. The Respiratory Viral Panel is only validated for nasopharyngeal (NP) specimens. Specimens collected from other sites cannot be tested.

Additional laboratory supplies can be obtained by completing the lab order supply form. To ensure the order is filled, please include the CDC Provider ID Code.

Contact Information
Submit weekly reports to: https://wwwn.cdc.gov/ilinet/ OR Fax 888-232-1322

State Lab: Dr. Amy Woron (Molecular Biology, PCR) 615-262-6462
              Bryan Mason (Virology, Respiratory Viral Panel) 615-262-6300

SPN Questions:
State: Robb Garman 800-404-3006 OR 615-741-7247
County/Region: Regional SPN Coordinator (see map)

The Tennessee Department of Health Mission: To protect, promote and improve the health and prosperity of people in Tennessee.
Our Vision: A recognized and trusted leader, partnering and engaging to accelerate Tennessee to one of the nation’s ten healthiest states.