

Protocol for Enterovirus D-68 (EV-D68)



The United States is currently experiencing a nationwide outbreak of enterovirus D68 (EV-D68) associated with severe respiratory illness in children. West Virginia is among the states with confirmed EV-D68. Under 64CSR-7.3.1b, the Commissioner of the Bureau for Public Health is requiring reporting of the following:

Facilities and Providers shall report the following condition(s) to their local health department immediately. Laboratory testing for Enterovirus (EV-D68) can be coordinated through your local health department.

1. **Outbreaks/clusters of respiratory illness** (e.g. school, long-term care facility, daycare, etc.). Outbreaks of any condition are required to be reported immediately to the local health department under 64CSR-7. Local health departments and BPH can conduct epidemiological and laboratory investigation of outbreaks and clusters. The purpose of outbreak investigation is to determine the etiology of the outbreak and make recommendations for outbreak control.
2. **Hospitalized patients with severe unexplained respiratory illness (e.g. PICU, ICU, etc.); AND who have a positive laboratory test for enterovirus or a positive screen for enterovirus/rhinovirus by Multiplex PCR.** Contact your local health department for clearance to forward the patient specimen to CDC for typing and confirmation of EV-D68. The local health department will coordinate with BPH to assure that the specimen is sent appropriately to the Office of Laboratory Services (OLS). OLS will batch specimens and forward to CDC.
3. **Consult your local health department for testing of hospitalized patients with severe unexplained respiratory illness if your hospital does not have enterovirus testing capacity.** After consultation with BPH, specimens can be sent to the Office of Laboratory Services (OLS) to be screened for enterovirus via Multiplex PCR and positive specimens will be batched and sent to the Centers for Disease Control and Prevention (CDC) for EV-D68 typing.
4. **Hospitalized patients ≤21 years of age with:**
 - a. Acute onset of focal limb weakness occurring on or after August 1, 2014; **AND**
 - b. An MRI showing a spinal cord lesion largely restricted to gray matter.

Specimen type: Nasopharyngeal swabs and oropharyngeal swabs are the preferred specimens.

Submission instructions: Please contact your local health department to coordinate testing of EV-D68. The *Enterovirus EV-D68 Patient Summary Specimen Submission Form* must be completed for all patients for whom specimens are being submitted for EV-D68 typing.

For more information please contact your local health department or the Division of Infectious Disease Epidemiology (DIDE) at (304)558-5358, extension 1.

Additional information about Enterovirus can be found at:

<http://www.dide.wv.gov>

Please check the website regularly for updated information.