



Monroe Livingston Region Program Agency

Division of Prehospital Medicine, University of Rochester

Mailing Address: 601 Elmwood Avenue, Box 655, Rochester, NY 14642

Physical Address: 120 Corporate Woods, Suite 100, Rochester, NY 14623

Phone: (585) 463-2900 Fax: (585) 473-3516 E-Mail: mlrems@mlrems.org

To: All Providers and Agencies
From: Jeremy T. Cushman, MD, MS, EMT-P *JT Cushman*
Regional Medical Director
Date: September 18, 2014
Re: Advisory 14-12: Enterovirus D68

Enterovirus D68 (EV D68) has been identified in school age children in a number of states and recent surges in pediatric respiratory illness in the Rochester area is presumed due to this viral disease. While the virus is not new, it is causing more serious illness this year, especially in children with underlying respiratory conditions such as asthma. Not all children that get EV D68 will have severe illness, and adults are rarely affected due to acquired immunity.

EV D68 is associated with fever, runny nose, sneezing, cough, body/muscle aches, and can progress to difficulty breathing and hypoxia. These children appear responsive to bronchodilators (albuterol) and children with respiratory distress in the setting of a recent viral illness should receive albuterol continuously during transport. Existing protocols allow for 3 doses of albuterol and atrovent prior to requiring medical control consultation and this should be more than adequate for most pediatric transports.

EV D68 is a viral respiratory illness found in respiratory secretions and can be passed person to person. Usual infection control precautions including placing a facemask on the patient (unless precluded by oxygen or nebulizer administration) and yourself, while appropriately decontaminating surfaces that may have come into patient contact with conventional disinfectant.

As with all viral infections, frequent and liberal handwashing is critical in preventing transmission of disease.

More information is available from the CDC at <http://www.cdc.gov/non-polio-enterovirus/about/ev-d68.html>. This office will continue to provide updates as needed, and with any questions, please do not hesitate to contact us.