



Enterovirus D68 Fact Sheet

Q: What is enterovirus D68?

A: Enterovirus D68 (EV-D68) is one of many non-polio enteroviruses. This virus was first identified in California in 1962, but it has not been commonly reported in the United States.

Q: What are the symptoms of EV-D68 infection?

A: EV-D68 can cause mild to severe respiratory illness.

- Mild symptoms may include fever, runny nose, sneezing, cough, and body and muscle aches.
- Most of the children who got very ill with EV-D68 infection in Missouri and Illinois had difficulty breathing, and some had wheezing. Many of these children had asthma or a history of wheezing.

Q: How does the virus spread?

A: Since EV-D68 causes respiratory illness, the virus can be found in an infected person's respiratory secretions, such as saliva, nasal mucus, or sputum. EV-D68 likely spreads from person to person when an infected person coughs, sneezes, or touches contaminated surfaces.

Q: How many people have been confirmed to have EV-68 infection?

A: From mid-August to September 15, 2014, a total of 104 people in 10 states were confirmed to have respiratory illness caused by EV-D68. A CDC or state laboratory confirmed these cases.

Q: What time of the year are people most likely to get infected?

A: In general, the spread of enteroviruses is often quite unpredictable, and different types of enteroviruses can be common in different years with no particular pattern. In the United States, people are more likely to get infected with enteroviruses in the summer and fall.

We're currently in middle of the enterovirus season, and EV-D68 infections are likely to decline later in the fall.

Q: Who is at risk?

A: In general, infants, children, and teenagers are most likely to get infected with enteroviruses and become ill. That's because they do not yet have immunity (protection) from previous exposures to these viruses. We believe this is also true for EV-D68. Among the EV-D68 cases in Missouri and Illinois, children with asthma seemed to have a higher risk for severe respiratory illness.

Q: Is there a vaccine?

A: No. There are no vaccines for preventing EV-D68 infections.

Q: How is it diagnosed?

A: EV-D68 can only be diagnosed by doing specific lab tests on specimens from a person's nose and throat. Respiratory illnesses can be caused by many different viruses and have similar symptoms. Not all respiratory illnesses occurring now are due to EV-D68. Anyone with respiratory illness should contact their doctor if they are having difficulty breathing, or if their symptoms are getting worse.

Q: What are the treatments?

A: There is no specific treatment for people with respiratory illness caused by EV-D68. For mild respiratory illness, you can help relieve symptoms by taking over-the-counter medications for pain and fever. Aspirin should not be given to children. Some people with severe respiratory illness may need to be hospitalized. There are no antiviral medications currently available for people who become infected with EV-D68.

Q: How can I protect myself?

A: You can help protect yourself from respiratory illnesses by following these steps:

- Wash hands often with soap and water for 20 seconds, especially after changing diapers.
- Avoid touching eyes, nose and mouth with unwashed hands.
- Avoid kissing, hugging, and sharing cups or eating utensils with people who are sick.
- Disinfect frequently touched surfaces, such as toys and doorknobs, especially if someone is sick.
- Practice good cough hygiene and cover coughs & sneezes. If you do not have a tissue, cough or sneeze into your upper sleeve, not your hands.
- Stay home when feeling sick, especially if you have a fever. Call your doctor as needed.
- Since people with asthma are higher risk for respiratory illnesses, they should regularly take medicines and maintain control of their illness during this time. They should also take advantage of influenza vaccine since people with asthma have a difficult time with respiratory illnesses.

For more information contact the CDC:

Centers for Disease Control and Prevention

1600 Clifton Rd

Atlanta, GA 30333

800-CDC-INFO

(800-232-4636)

TTY: (888) 232-6348

<http://www.cdc.gov/non-polio-enterovirus/about/EV-D68.html>
