



The Flu:

A Guide for Parents



Influenza (also known as flu) is a contagious respiratory illness caused by influenza viruses that infect the nose, throat and lungs. Flu is different from a cold, and usually comes on suddenly. Each year flu viruses cause millions of illnesses, hundreds of thousands of hospital stays and thousands or tens of thousands of deaths in the United States.

Flu can be very dangerous for children. CDC estimates that between 6,000 and 26,000 children younger than 5 years have been hospitalized each year in the United States because of influenza. The flu vaccine is safe and helps protect children from flu.

What parents should know

How serious is flu?

While flu illness can vary from mild to severe, children often need medical care because of flu. Children younger than 5 years and children of any age with certain long-term health problems are at high risk of flu complications like pneumonia, bronchitis, sinus and ear infections. Some health problems that are known to make children more vulnerable to flu include asthma, diabetes and disorders of the brain or nervous system.

How does flu spread?

Flu viruses are thought to spread mainly by droplets made when someone with flu coughs, sneezes or talks. These droplets can land in the mouths or noses of people nearby. A person also can get flu by touching something that has flu virus on it and then touching their mouth, eyes, or nose.

What are flu symptoms?

Flu symptoms can include fever, cough, sore throat, runny or stuffy nose, body aches, headache, chills, feeling tired and sometimes vomiting and diarrhea (more common in children than adults). Some people with the flu will not have a fever.



Protect your child

How can I protect my child from flu?

The first and best way to protect against flu is to get a yearly flu vaccine for yourself and your child.

- Flu vaccination is recommended for everyone 6 months and older every year. Flu shots and nasal spray flu vaccines are both options for vaccination.
- It's especially important that young children and children with certain long-term health problems get vaccinated.
- Caregivers of children at high risk of flu complications should get a flu vaccine. (Babies younger than 6 months are at high risk for serious flu complications, but too young to get a flu vaccine.)
- Pregnant women should get a flu vaccine to protect themselves and their baby from flu. Research shows that flu vaccination protects the baby from flu for several months after birth.
- Flu viruses are constantly changing and so flu vaccines are updated often to protect against the flu viruses that research indicates are most likely to cause illness during the upcoming flu season.

Is flu vaccine safe?

Flu vaccines are made using strict safety and production measures. Millions of people have safely received flu vaccines for decades. Flu shots and nasal spray flu vaccines are both options for vaccination. Different types of flu vaccines are licensed for different ages. Each person should get one that is appropriate for their age. CDC and the American Academy of Pediatrics recommend an annual flu vaccine for all children 6 months and older.

What are the benefits of getting a flu vaccine?

- **A flu vaccine can keep you and your child from getting sick.** When vaccine viruses and circulating viruses are matched, flu vaccination has been shown to reduce the risk of getting sick with flu by about half.
- **Flu vaccines can keep your child from being hospitalized from flu.** One recent study showed that flu vaccine reduced children's risk of flu-related pediatric intensive care unit admission by 74%.

- **Flu vaccine can prevent your child from dying from flu.** A study using data from recent flu seasons found that flu vaccine reduced the risk of flu-associated death by half among children with high risk medical conditions and by nearly two-thirds among children without medical conditions.
- **Flu vaccination also may make your illness milder if you do get sick.**
- **Getting yourself and your child vaccinated also can protect others** who may be more vulnerable to serious flu illness, like babies and young children, older people, and people with certain long-term health problems.

What are some other ways I can protect my child against flu?

In addition to getting a flu vaccine, you and your child should take everyday actions to help prevent the spread of germs.

Stay away from people who are sick as much as possible to keep from getting sick yourself. If you or your child are sick, avoid others as much as possible to keep from infecting them. Also, remember to regularly cover your coughs and sneezes, wash your hands often, avoid touching your eyes, nose and mouth, and clean surfaces that may be contaminated with flu viruses. These everyday actions can help reduce your chances of getting sick and prevent the spread of germs to others if you are sick. However, a yearly flu vaccine is the best way to prevent flu illness.

If your child is sick

What can I do if my child gets sick?

Talk to your doctor early if you are worried about your child's illness.

Make sure your child gets plenty of rest and drinks enough fluids.

If your child is 5 years or older and does not have a long-term health problems and gets flu symptoms, including a fever and/or cough, consult your doctor as needed.

Children younger than 5 years of age – especially those younger than 2 years – and children with certain long-term health problems (including asthma, diabetes and disorders of the brain or nervous system), are at high risk of serious flu complications. Call your doctor or take your child to the doctor right away if they develop flu symptoms.

What if my child seems very sick?

Even healthy children can get very sick from flu. If your child is experiencing the following emergency warning signs, you should go to the emergency room:

- Fast breathing or trouble breathing
- Bluish lips or face

- Ribs pulling in with each breath
- Chest pain
- Severe muscle pain (child refuses to walk)
- Dehydration (no urine for 8 hours, dry mouth, no tears when crying)
- Not alert or interacting when awake
- Seizures
- Fever above 104°F
- In children less than 12 weeks, any fever
- Fever or cough that improve but then return or worsen
- Worsening of chronic medical conditions



This list is not all inclusive. Please consult your medical provider for any other symptom that is severe or concerning.

Is there a medicine to treat flu?

Yes. Antiviral drugs are prescription medicines that can be used to treat flu illness. They can shorten your illness and make it milder, and they can prevent serious complications that could result in a hospital stay. Antivirals work best when started during the first 2 days of illness. Antiviral drugs are recommended to treat flu in people who are very sick (for example, people who are in the hospital) or people who are at high risk of serious flu complications who get flu symptoms. Antivirals can be given to children and pregnant women.

How long can a sick person spread flu to others?

People with flu may be able to infect others from 1 day before getting sick to up to 5 to 7 days after. Severely ill people or young children may be able to spread the flu longer, especially if they still have symptoms.

Can my child go to school, day care, or camp if he or she is sick?

No. Your child should stay home to rest and to avoid spreading flu to other children or caregivers.

When can my child go back to school after having flu?

Keep your child home from school, day care, or camp for at least 24 hours after their fever is gone. (The fever should be gone without the use of a fever-reducing medicine.) A fever is defined as 100°F (37.8°C)* or higher.

*Many authorities use either 100 (37.8 degrees Celsius) or 100.4 F (38.0 degrees Celsius) as a cut-off for fever, but this number can vary depending on factors such as the method of measurement and the age of the person.



Everyday Preventive Actions Can Help Fight Germs, Like Flu

FIGHT FLU



CDC recommends three actions to fight flu.

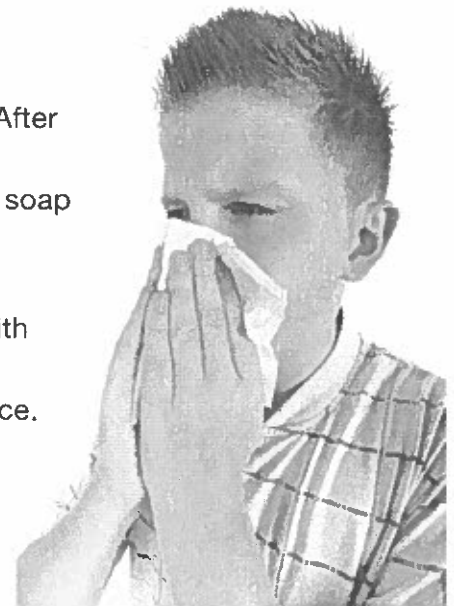
1. The first and most important step is to get a flu vaccination each year.
2. If you get sick with flu, take prescription antiviral drugs if your doctor prescribes them. Early treatment is especially important for the elderly, the very young, people with certain chronic health conditions, and pregnant women.
3. Take everyday preventive actions that may slow the spread of germs that cause respiratory (nose, throat, and lungs) illnesses, like flu. This flyer contains information about everyday preventive actions.

How does flu spread?

Flu viruses are thought to spread mainly from person to person through droplets made when people with flu cough, sneeze, or talk. Less often, a person might get flu by touching a surface or object that has flu virus on it and then touching his or her own mouth, nose, or possibly eyes. Many other viruses spread these ways too. People infected with flu may be able to infect others beginning 1 day before symptoms develop and up to 5-7 days after becoming sick. That means you may be able to spread flu to someone else before you know you are sick as well as while you are sick. Young children, those who are severely ill, and those who have severely weakened immune systems may be able to infect others for longer than 5-7 days.

What are everyday preventive actions?

- Try to avoid close contact with sick people.
- If you or your child gets sick with flu-like illness, CDC recommends that you (or your child) stay home for at least 24 hours after the fever is gone except to get medical care or for other necessities. The fever should be gone without the use of a fever-reducing medicine.
- While sick, limit contact with others as much as possible to keep from infecting them.
- Cover your nose and mouth with a tissue when you cough or sneeze. After using a tissue, throw it in the trash and wash your hands.
- Wash your hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand rub.
- Avoid touching your eyes, nose and mouth. Germs spread this way.
- Clean and disinfect surfaces and objects that may be contaminated with germs that can cause respiratory illnesses like flu.
- If an outbreak of flu or another illness occurs, follow public health advice. This may include information about how to increase distance between people and other measures.
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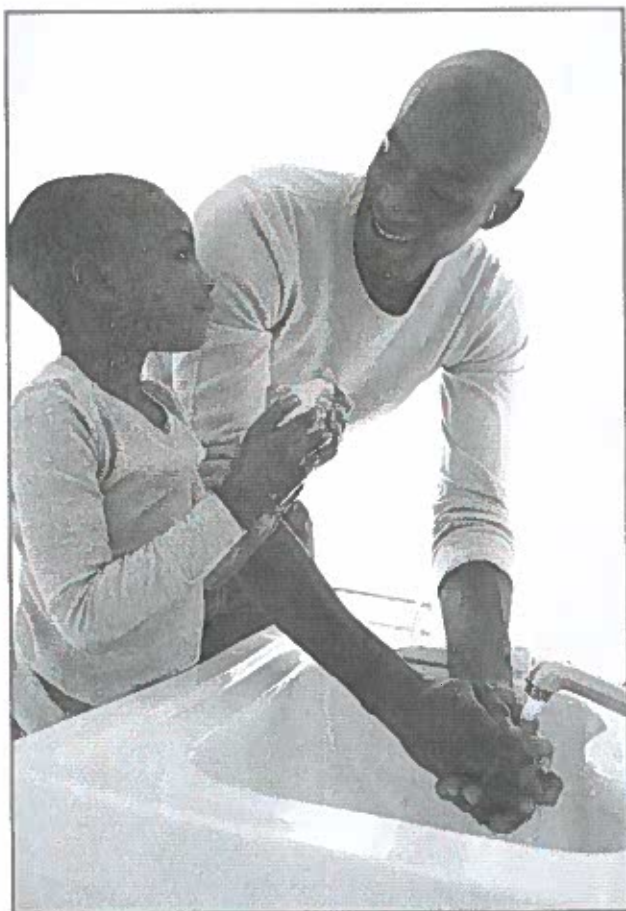
For more information, visit:
www.cdc.gov/flu
or call **1-800-CDC-INFO**



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

What additional steps can I take at work to help stop the spread of germs that can cause respiratory illness, like flu?

- Find out about your employer's plans if an outbreak of flu or another illness occurs and whether flu vaccinations are offered on-site.
- Routinely clean frequently touched objects and surfaces like doorknobs, keyboards, and phones, to help remove germs.
- Make sure your workplace has an adequate supply of tissues, soap, paper towels, alcohol-based hand rubs, and disposable wipes.
- Train others on how to do your job so they can cover for you in case you or a family member gets sick and you have to stay home.
- If you begin to feel sick while at work, go home as soon as possible.



What additional preventive actions can I take to protect my child from germs that can cause respiratory illness, like flu?

- Find out about plans your child's school, child care program, or college has if an outbreak of flu or another illness occurs and whether flu vaccinations are offered on-site.
- Make sure your child's school, child care program, or college routinely cleans frequently touched objects and surfaces, and that they have a good supply of tissues, soap, paper towels, alcohol-based hand rubs, and disposable wipes on-site.
- Ask how sick students and staff are separated from others and who will care for them until they can go home.

Everyday preventive actions can help slow the spread of germs that can cause many different illnesses and may offer some protection against flu.