

# COLD, FLU, OR ALLERGY

OVERVIEW

TIPS & TREATMENTS

Cold, flu, and allergies all affect your respiratory system, which can make it hard to breathe.

**Each condition has key symptoms that set them apart.**



You're feeling pretty lousy. You've got sniffles, sneezing, and a sore throat. Is it a cold, flu, or allergies? It can be hard to tell them apart because they share so many symptoms. But understanding the differences will help you choose the best treatment.

"If you know what you have, you won't take medications that you don't need, that aren't effective, or that might even make your symptoms worse," says NIH's Dr. Teresa Hauguel, an expert on infectious diseases that affect breathing.

Cold, flu, and allergy all affect your respiratory system, which can make it hard to breathe. Each condition has key symptoms that set them apart.

Colds and flus are caused by different viruses. "As a rule of thumb, the symptoms associated with the flu are more severe," says Hauguel. Both illnesses can lead to a runny, stuffy nose; congestion; cough; and sore throat. But the flu can also cause high fever that lasts for 3-4 days, along with a headache, fatigue, and general aches and pain. These symptoms are less common when you have a cold.

"Allergies are a little different, because they aren't caused by a virus," Hauguel

explains. "Instead, it's your body's immune system reacting to a trigger, or allergen, which is something you're allergic to." If you have allergies and breathe in things like pollen or pet dander, the immune cells in your nose and airways may overreact to these harmless substances. Your delicate respiratory tissues may then swell, and your nose may become stuffed up or runny.

"Allergies can also cause itchy, watery eyes, which you don't normally have with a cold or flu," Hauguel adds.

Allergy symptoms usually last as long as you're exposed to the allergen, which may be about 6 weeks during pollen seasons in the spring, summer, or fall. Colds and flu rarely last beyond 2 weeks.

Most people with a cold or flu recover on their own without medical care. But check with a health care provider if symptoms last beyond 10 days or if symptoms aren't relieved by over-the-counter medicines.

To treat a cold or flu, get plenty of rest and drink lots of fluids. If you have the flu, pain relievers such as aspirin, acetaminophen, or ibuprofen can reduce fever or aches. Allergies

can be treated with antihistamines or decongestants.

Be careful to avoid "drug overlap" when taking medicines that list 2 or more active ingredients on the label. For example, if you take 2 different drugs that contain acetaminophen—one for a stuffy nose and the other for headache—you may be getting too much acetaminophen.

"Read medicine labels carefully—the warnings, side effects, and dosages. If you have questions, talk to your doctor or pharmacist, especially if you have children who are sick," Hauguel says. "You don't want to over medicate, and you don't want to risk taking a medication that may interact with another."

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## COLD, FLU, OR ALLERGY? TIPS AND TREATMENTS

SYMPTOMS	COLD	FLU	AIRBORNE ALLERGY
<b>Fever</b>	Rare	Usual, high (100-102°F), sometimes higher, especially in young children: lasts 3-4 days	Never
<b>Headache</b>	Uncommon	Common	Uncommon
<b>General Aches &amp; Pains</b>	Slight	Usual, often severe	Sometimes
<b>Fatigue, Weakness</b>	Sometimes	Usual, can last up to 3 weeks	Sometimes
<b>Extreme Exhaustion</b>	Never	Usual, at the beginning of the illness	Never
<b>Stuffy, Runny Nose</b>	Common	Sometimes	Common
<b>Sneezing</b>	Usual	Sometimes	Usual
<b>Sore Throat</b>	Common	Sometimes	Sometimes
<b>Cough</b>	Common	Common, can become severe	Sometimes
<b>Chest Discomfort</b>	Mild to moderate	Common	Rare, except for those with allergic asthma
<b>Treatment</b>	Get plenty of rest. Stay hydrated. (Drink plenty of fluids.) Decongestants. Aspirin (ages 18 and up), acetaminophen, or ibuprofen for aches and pains	Get plenty of rest. Stay hydrated. Aspirin (ages 18 and up), acetaminophen, or ibuprofen for aches, pains, and fever, antiviral medicines (see your doctor)	Avoid allergens (things that you're allergic to). Antihistamines, nasal steroids, decongestants
<b>Prevention</b>	Wash your hands often. Avoid close contact with anyone who has a cold.	Get the flu vaccine each year. Wash your hands often. Avoid close contact with anyone who has the flu	Avoid allergens, such as pollen, house dust mites, mold, pet dander, cockroaches
<b>Complications</b>	Sinus infection, middle ear infection, asthma	Bronchitis, pneumonia; can be life-threatening	Sinus infection, middle ear infection, asthma

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