



# I have a bad cold, and my doctor won't prescribe antibiotics. Why is this?

November 19, 2019 By [Lucinda K. Porter RN](#)

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Antibiotics treat infections that are caused by bacteria. Since colds are caused by viruses, antibiotics won't help at all. One way to look at the differences between viruses and bacteria is to compare them with being attacked by a bear versus a swarm of bees. You can shoot a bear, but a bullet won't stop a swarm of bees.

However, sometimes a viral infection will lead to a bacterial infection. For instance, you may develop a sinus infection as a result of having a cold. A virus can cause your sinuses to hurt, but if you have a fever over 100.4 °F or your symptoms appear to get worse rather than better after 10 days, your medical provider may prescribe antibiotics.

Some people insist on being prescribed antibiotics, hoping to be safe rather than sorry. However, when people misuse antibiotics they risk building up resistance. Antibiotic resistance is a major health threat in the United States and worldwide, putting us at risk of dying from simple infections. November 18 through 24 is [National Antibiotic Awareness Week](#) and an opportunity to learn more about this.

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