U.T.O.L UPDATE



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7 signs your lungs are in danger zone



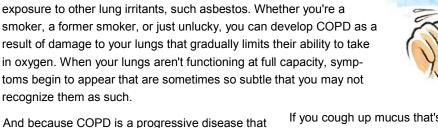
God places us in unique circumstances where our abilities match the problem He wants to fix. Jesus said that what we do for those in need, we do for Him. When God shows you a problem, He may ask you to be His solution.

Inasmuch as you did it to one of the least of these My brethren, you did it to Me.

Matthew 25:40

UTOL PHILIPPINES

77 9th Avenue, Murphy Cubao Quezon City Philippines 1108 +639178042482 Utolmedicalfoundation.org We hear a lot about the risks of lung cancer -- but less about a lung condition that's just as common and debilitating, called COPD. This term, which stands for chronic obstructive pulmonary disease, refers to a combination of two conditions: emphysema and chronic obstructive bronchitis, both of which are caused by lung damage from smoking or exposure to other lung irritants, such asbestos. Whether you're a smoker, a former smoker, or just unlucky, you can develop COPD as a result of damage to your lungs that gradually limits their ability to take in oxygen. When your lungs aren't functioning at full capacity, symptoms begin to appear that are sometimes so subtle that you may not recognize them as such.



If you cough up mucus that's any other color than clear, that can be a sign your condition is worsening. The mucus may be yellow, green, or even have blood in it.

can't be slowed without treatment -- it's critical to catch it as soon as possible. Here are seven signs that your lungs are in trouble.

- 1. Shortness of breath— One thing to look for: When you're climbing steps or exercising, do you have trouble inhaling a deep breath? Experiment with different activities to see if you have shortness of breath when you increase your level of exertion, and note if there have been any changes over time. If you feel your ability to draw a deep breath is declining, ask your doctor to perform lung function tests to give you a clear picture of your lung health.
- 2. Frequent or worsening coughs— Everyone gets a cough once in awhile, but if you seem to be getting them more frequently, or they linger for a long time or become chronic, it's time to talk to your doctor. What you'll notice is a phlegmy cough that feels like the type that usually accompanies the flu -- except you don't have other flu symptoms.

3. Morning headaches - One of the more mysterious symptoms of COPD is waking up after a night's sleep with a dull, throbbing headache. "What's happening is that you're not breathing deeply enough at night, and the carbon dioxide builds up while you're sleeping," says physician Norman Edelman, chief medical officer for the American Lung Association. The build-up of carbon dioxide causes blood vessels in the brain to dilate, resulting in headaches. Many people don't connect the headaches to COPD, though; instead they treat them as a separate symptom. But unless you treat the underlying cause -- making sure you get enough oxygen into your lungs while you sleep -- the headaches won't go away. Talk to your doctor about setting up a treatment regimen designed to reduce inflammation and increase the absorbent capacity of the lungs.

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BRONCHITIS

Bronchitis is inflammation of the main air passages to the lungs. Bronchitis may be short-lived (acute) or chronic, meaning that it lasts a long time and often recurs.

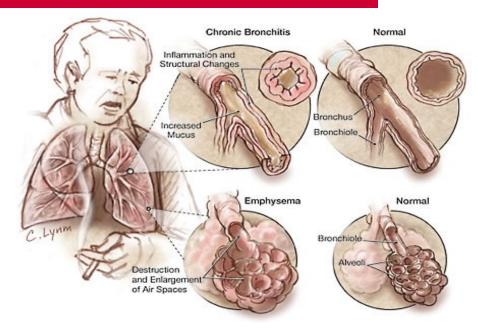
Symptoms:

- Chest discomfort
- Cough that produces mucus; if it's yellow-green, you are more likely to have a bacterial infection
- Fatigue
- ▶ Fever usually low
- Shortness of breath worsened by exertion or mild activity
- Wheezing—Even after acute bronchitis has cleared, you may have a dry, nagging cough that lingers for several weeks.
- Ankle, feet, and leg swelling
- Blue-colored lips from low levels of oxygen
- Frequent respiratory infections (such as colds or the <u>flu</u>)

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Don't let worries hold you back from what God may be trying to teach you. He invites you to bring your anxious thoughts directly to Him

Be anxious for nothing, but in everything by prayer and supplication, with thanksgiving, let your requests be made known to God. — Philippians 4:6



4. Swollen ankles - As COPD advances, it becomes intertwined with heart failure, because your circulatory system isn't getting the oxygen it needs to be healthy. This can lead to fluid build-up, which is most easily recognizable as swollen feet and ankles. "As lungs get progressively worse, the ability of the body to compensate goes down and the heart can't pump strongly enough," says Norman Edelman of the American Lung Association. When the heart can't pump enough blood to supply the liver and kidneys, they can't perform their necessary functions of flushing out toxins and removing fluid. The result: the same type of edema many people experience while flying or women experience when pregnant.

5. Trouble sleeping or staying asleep - Do you pile up pillows to raise your chest and head and make it easier to breathe while you sleep? Do you sleep in a chair, such as a recliner, because breathing's easier in that position? It's also possible that you sleep flat but wake up feeling unwell or even dizzy. Because lying flat forces your lungs to work harder, many people with COPD find they have trouble sleeping deeply -- but they may not realize it's the lung condition causing it. "Sleep is also hard for people with COPD because they may cough throughout the night, waking themselves up or interrupting deep sleep," says Byron Thomashow of the COPD Foundation. The bottom line: If you wake regularly throughout the night with breathing difficulties or coughing, or you wake up in the morning feeling weak, unrested, and possibly with a headache, talk to your doctor.

6. A barrel chest - As a result of chronic inflammation, the lungs become enlarged and push the diaphragm downward, which makes it harder for the diaphragm to contract as efficiently. The chest wall becomes enlarged as well, weakening muscles in the chest, neck, and between the ribs; these are known as the "accessory respiratory muscles." When this happens, people with COPD unconsciously try to compensate by leaning forward when sitting, with their arms on their knees or in front of them. This posture stabilizes the upper chest and shoulders, making it easier to use the accessory breathing muscles.

7. A bluish tinge to lips or fingernails - Over time, if your blood doesn't circulate enough oxygen throughout your body, your lips and fingernails can take on a blue or gray tone. Sometimes the color, known as cyanosis, is most apparent in the nail beds; some people develop an overall grayishblue tinge to the skin. The cause: Oxygen-rich blood is bright red, while blood with less oxygen turns dark and bluish-colored. In dark-skinned people, the discoloration is most visible in the lips, gums, and around the eyes, and it can be easier to spot. Cyanosis usually occurs when oxygen levels in the blood drop below 90 percent. A doctor can check this for you; you can also monitor it yourself using a finger pulse oximeter, available in medical supply stores.

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