LEGIONNAIRES’ DISEASE

Legionnaires’ (LEE-juh-nares) disease is a very serious type of pneumonia (lung infection) caused by bacteria called *Legionella*. If you develop pneumonia symptoms and may have been exposed to *Legionella*, see a doctor right away. Be sure to mention if you have used a hot tub, spent any nights away from home, or stayed in a hospital in the last two weeks.

**Legionnaires’ Disease Can Cause Pneumonia Symptoms**

Signs and symptoms of Legionnaires’ disease can include:

- Cough
- Muscle aches
- Fever
- Shortness of breath
- Headache

Doctors use chest x-rays or physical exams to check for pneumonia. Your doctor may also order tests on a sample of urine and sputum (phlegm) to see if your lung infection is caused by *Legionella*.

**Legionnaires’ Disease Is Serious, but Can Be Treated with Antibiotics**

Legionnaires’ disease is treated with antibiotics (drugs that kill bacteria in the body). Most people who get sick need care in a hospital but make a full recovery. However, about 1 out of 10 people who get Legionnaires’ disease will die from the infection.

**Certain People Are at Increased Risk for Legionnaires’ Disease**

Most healthy people do not get Legionnaires’ disease after being exposed to *Legionella*. Being 50 years or older or having certain risk factors can increase your chances of getting sick. These risk factors include:

- Being a current or former smoker
- Having chronic lung disease, such as emphysema or chronic obstructive pulmonary disease (COPD)
- Having a weakened immune system from diseases like cancer, diabetes, or kidney failure
- Taking medication that weakens your immune system

**Legionella Are Usually Spread through Water Droplets in the Air**

In nature, *Legionella* live in fresh water and rarely cause illness. In man-made settings, *Legionella* can grow if water is not properly maintained. These man-made water sources become a health problem when small droplets of water that contain the bacteria get into the air and people breathe them in. In rare cases, someone breathes in *Legionella* while they are drinking water and it “goes down the wrong pipe” into the lungs. In general, people do not spread Legionnaires’ disease to other people.