

# Pneumococcal Disease



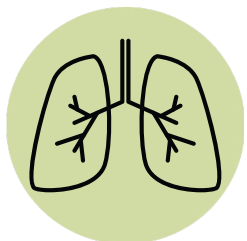
## Pneumococcal Disease

Pneumococcal disease is a name for any infection caused by the *Streptococcus pneumoniae*, or pneumococcus, bacteria.

## How Pneumococcal Disease Spreads

Direct contact through touching the mouth or nose and when coughing and sneezing. A person can spread the bacteria even if they are not showing any signs or symptoms.

## Infections Caused by Pneumococcal Bacteria



Pneumonia  
(lung infection)



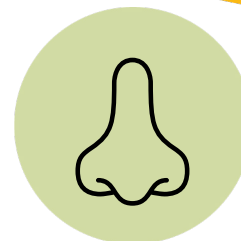
Meningitis (infection  
of the lining of the  
brain and spinal cord)



Bacteremia  
(blood infection)



Otitis media  
(middle ear  
infection)



Sinusitis (sinus  
infection)



## Signs and Symptoms

Symptoms depend on the part of the body that is infected:

- **Pneumonia:** fever and chills, cough, difficulty breathing, and chest pain.
- **Meningitis:** stiff neck, fever, headache, eyes sensitive to light, and confusion. In babies, meningitis may cause poor eating and drinking, low alertness, and vomiting.
- **Bacteremia:** fever, chills, and low alertness.
- **Middle ear infection:** ear pain, red and swollen ear drum, fever, and sleepiness.
- **Sinus infection:** headache, stuffy or runny nose, loss of sense of smell, facial pain or pressure, and postnasal drip.

## Prevention

Schedule an appointment with your child's doctor. If you do not have a doctor, please call 2-1-1 for assistance.

# Get your pneumococcal vaccine today!