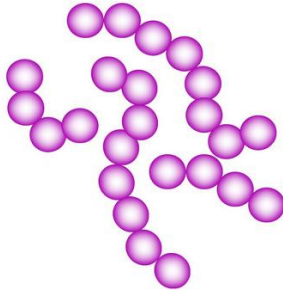
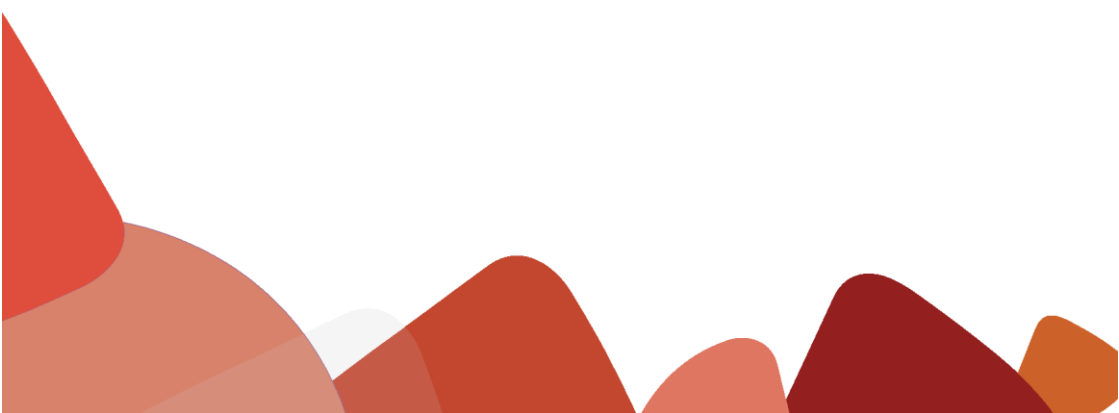




مدينة الملك فهد الطبية
King Fahad Medical City



Pneumococcal Disease



What is Pneumococcal Disease?

Any disease that happens due to an infection caused by streptococcus bacteria.

What might happen if I get infected?

This disease ranges from **mild** to **very dangerous**, as it starts spreading from throat to nose all the way to ear causing mild infections. It might spread to other organs which causes severe health problems.





Types of infections happen due to streptococcus bacteria:

1. Ear infection,
2. Meningitis: An infection of the tissue that surrounds the membrane of the brain and spinal cord,
3. Bloodstream infection,
4. Pneumonia,

How do streptococcus bacteria spread?

It Spreads through direct contact of respiratory secretions like mucus and saliva.

Streptococcus bacteria can exist in someone's throat or nose without experiencing any sign or symptom thus, unknowingly spread the bacteria to others.

Is there a vaccine for this disease?

Yes, there are two vaccines:

1. PCV13



Protects against 13 out of 90 types of streptococcus bacteria hence these 13 types lead to the most critical diseases like meningitis and pneumonia.

2. PPSV23

Protects against 23 types of streptococcus bacteria

Who should take the vaccine and are considered at high risk?

Individuals who are 65-year-old and above

Individuals who are 19-year-old and above and have chronic disease such as, diabetes, heart disease,

All children less than 2 years

Smokers

Who should avoid getting this vaccine?

- 1- Any individual who has taken this vaccine and got a severe allergy to diphtheria, for example (DTaP)
- 2- Any individual who has a severe allergy to any component of this vaccine.

This vaccine is very safe.



Only 1% may get side effects such as:

Redness, or swelling at the spot of the injection

Headache

Fever

Fatigue

لأن الوعي وقاية ..

إدارة التثقيف الصحي

Infection Control Department



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