

# WHAT IS PNEUMOCOCCAL DISEASE?

It is any infection caused by the bacteria *Streptococcus pneumoniae* (*S. pneumoniae* or pneumococcus). Below are some severe manifestations.

- **PNEUMONIA** (lung infection)
- **BACTERAE MIC PNEUMONIA** (lung infection with bacteria in the blood stream)
- **SEPSIS** (bacteria in bloodstream)
- **MENINGITIS** (inflammation around the brain)

**ALL THESE DISEASES CAN BE LIFE-THREATENING.**

Prevnar 13 is not indicated to reduce complications of pneumococcal diseases, such as death.

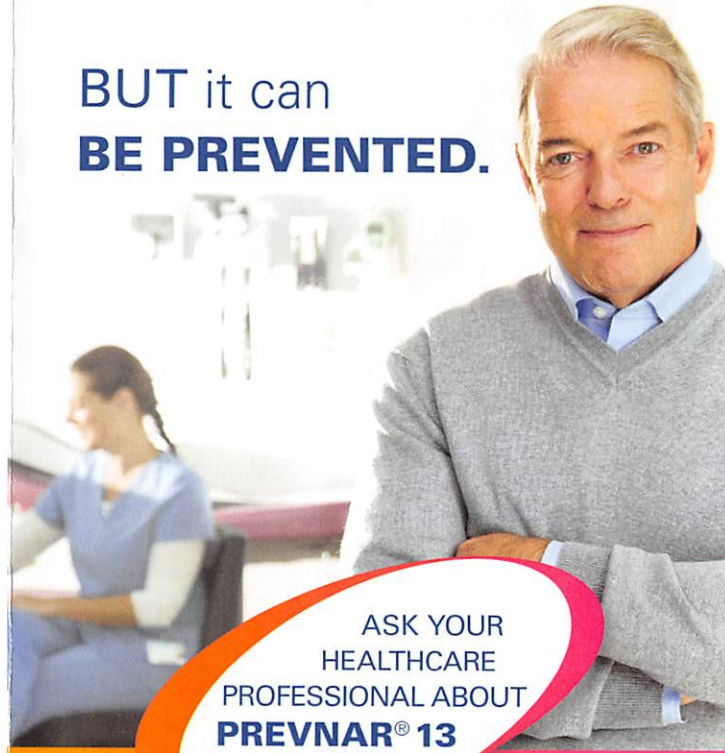
## HOW is it TRANSMITTED?

Like the flu, *S. pneumoniae* is passed on from person to person through sneezing, coughing, kissing, and sharing drinking glasses or utensils.



**PNEUMOCOCCAL PNEUMONIA is SERIOUS ENOUGH to PUT YOU IN THE HOSPITAL.**

**BUT it can BE PREVENTED.**



ASK YOUR HEALTHCARE PROFESSIONAL ABOUT **PREVNAR® 13**

Prevnar 13 is not indicated to reduce complications of pneumococcal diseases, such as hospitalization.

The most common side effects reported in at least 1 in 10 adults are decreased appetite, headache, diarrhea, rash, new/aggravated joint pain, new/aggravated muscle pain, chills, fatigue, any pain/tenderness/redness/swelling/hardness at the injection site, limitation of arm movement. Common side effects reported in at least 1 in 100 adults, but less than 1 in 10 adults, are vomiting (in adults aged 50 years and over) and fever.

**PREVNAR.CA**

DIN: 02244081

**Pfizer** Vaccines

*Prevnar* 13

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**PNEUMONIA and other PNEUMOCOCCAL DISEASES are SERIOUS BUT PREVENTABLE conditions.**

**50 or OLDER?**  
**YOU MAY BE AT RISK.**  
Take one step to help protect yourself.



**PREVNAR.CA**

As with any vaccine, Prevnar® 13 may not protect 100% of those who receive it and does not reduce complications of pneumococcal disease, such as hospitalization.

**Pfizer** Vaccines

*Prevnar* 13

**50 to 80%**

of all cases of pneumococcal disease in adults are **PNEUMONIA**.

## GET THE FACTS STRAIGHT ABOUT PNEUMOCOCCAL PNEUMONIA

- *S. pneumoniae* is one of the most commonly implicated bacteria in **pneumonia**.
- *S. pneumoniae* is amongst the bacteria **most frequently** responsible for **severe pneumonia**.
- Pneumonia caused by *S. pneumoniae* can be **serious** enough to require **admission** to the **HOSPITAL** or **intensive care unit**.
- Up to **1 in 14 people DIE** of bacteraemic **pneumonia**. The risk of dying is even higher among elderly persons.

Pneumonia 13 is not indicated to reduce all complications of pneumococcal diseases, such as hospitalization and death.

### DISEASE SEVERITY

The severity of pneumonia and other pneumococcal diseases is influenced by the age and the presence and type of coexisting conditions.

Pneumonia 13 should not be used if you are allergic (hypersensitive) to the active substances, to any other ingredients in the vaccine, or to any other vaccine that contains diphtheria toxoid.

Take special care with Pneumonia 13:

- If you have any present or past medical problems after any dose of Pneumonia 13 or Pneumonia 13
- If you are sick with a high fever
- If you have any bleeding problems

Pneumonia 13 will only protect against diseases caused by the types of *S. pneumoniae* bacteria in the vaccine.

## WHO is at RISK?

Pneumonia and other pneumococcal diseases primarily affect young children, older adults (>50 years of age), and individuals with chronic illnesses.

If you're over 18 and even one of the following applies to you, your risk of getting the disease is increased.

### RISK FACTORS

#### AGE

**50+** Over 50

#### LIFESTYLE

Living in long-term care facility

Smoking

Alcoholism

#### MEDICAL CONDITIONS

- Weakened immune system
- Heart disease
- Lung disease (including asthma and COPD)
- Renal disease
- Liver disease
- Diabetes
- Cancer
- Transplants
- Neurological conditions

In a study published in 2000, smokers accounted for approximately half of otherwise healthy adults with pneumococcal diseases.

## WHAT is PREVNAR 13?

**Pneumonia 13** is a **conjugate polysaccharide vaccine** administered as a single dose into the arm or leg muscle. It is used for the prevention of diseases such as pneumonia, bacteraemic pneumonia, sepsis and meningitis caused by the bacteria *Streptococcus pneumoniae*.

*Pneumonia 13*

is the **ONLY CONJUGATE VACCINE** to **PROTECT** adults **AGAINST PNEUMONIA** caused by *S. pneumoniae*.\*

## HOW does it WORK?

The **Pneumonia 13** vaccine works by helping the body make its own antibodies, which protects you against 13 types of the bacteria *S. pneumoniae*.

### GLOSSARY

**Polysaccharide:** Sugars that cover bacteria such as *S. pneumoniae*. They are the main component of the Pneumonia 13 vaccine. There are 13 polysaccharides in the vaccine, each protecting you from one type of *S. pneumoniae*.

**Conjugate:** A technology that consists of linking a protein to polysaccharides. Once attached, the protein enhances the immune response to the polysaccharides. This leads to the production of antibodies, which help fight the threat in the future.

\*The clinical significance of this comparison has not been evaluated.