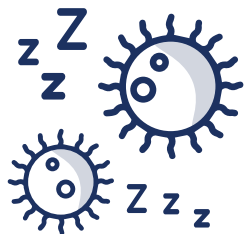


Immunization Information For Adults Over 50

Many viruses and bacteria can cause serious diseases, especially in adults over 50. Thanks to vaccines, we can build and maintain stronger immune systems to protect ourselves and our communities against serious, often preventable illnesses.

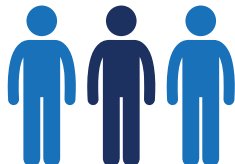
SHINGLES

After having chickenpox, **the virus remains dormant** in the body and can become active again at any point later in life, causing shingles.

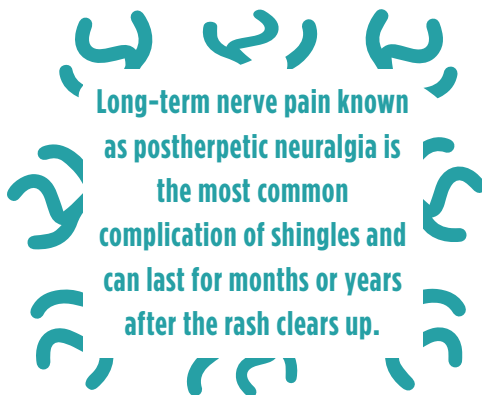


TWO DOSES OF THE SHINGLES VACCINE ARE RECOMMENDED FOR ADULTS 50 YEARS OF AGE OR OLDER. (GIVEN 2-6 MONTHS APART)

1 in 3 people will develop shingles in their lifetime.
(risk increases with age)



Long-term nerve pain known as postherpetic neuralgia is the most common complication of shingles and can last for months or years after the rash clears up.



MOST CASES OF SHINGLES LAST 3-5 WEEKS.

And you can have shingles more than once.

WHOOPING COUGH (PERTUSSIS)

Respiratory infection that is named for the “whooping” sound made when gasping for air after experiencing a coughing fit.

EARLY STAGE	Mild Cough	Runny Nose	Low Grade Fever	
LATER STAGE	Rapid Coughing Fits	Sore, Watery Eyes	Extreme Fatigue (After Coughing)	Vomiting (During or After Coughing)

IF UNTREATED, WHOOPING COUGH CAN CAUSE PNEUMONIA, EAR INFECTIONS AND DEHYDRATION.



A Tdap booster shot is recommended for adults every 10 years to stay protected from whooping cough, tetanus and diphtheria.

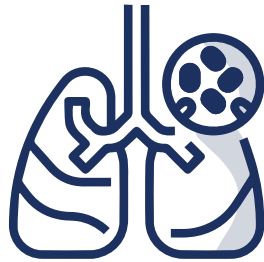


Grandparents, you can give your grandbabies extra protection from whooping cough by being up to date on your Tdap vaccine.

PNEUMOCOCCAL DISEASE

Caused by bacteria (*Streptococcus pneumoniae*) and develops into many types of infections:

- Pneumonia (lungs)
- Bacteremia (blood)
- Sinusitis (sinus)
- Otitis media (middle ear)
- Meningitis (lining of the brain and spinal cord)



! COMPLICATIONS !

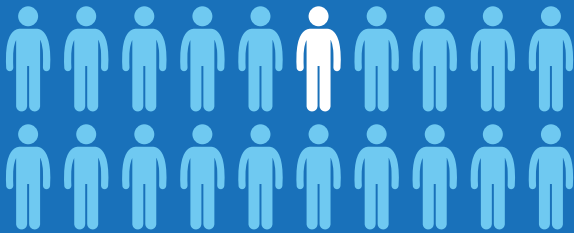
These infections may cause: inflammation around the lungs and heart, blockage of airway into the lungs, hearing loss, loss of limbs, kidney failure, damage to the brain, lungs or heart.



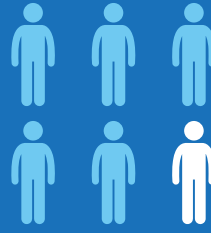
BE PROTECTED. Talk with your doctor on which pneumococcal disease vaccine is right for you based on your age & vaccination history.

Rate of Adults Who Die from Infections Related to Pneumococcal Disease

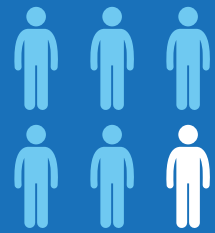
Pneumonia | 1 in 20



Bacteremia | 1 in 6



Meningitis | 1 in 6



ARE YOU AT RISK?

These conditions may contribute to increased risk of pneumococcal disease.



- Alcoholism
- Cigarette smoker
- Chronic heart, lung, kidney or liver disease
- Cochlear implant
- Diabetes
- HIV infection
- Cancer



- Solid organ transplant
- Conditions or taking medications that weaken the immune system
- Cerebrospinal fluid leak
- Nephrotic syndrome
- Sickle cell disease
- Damaged or no spleen