

Title: What you need to know about the pneumonia and the PPV

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**Abstract:** Administering the PPV to all adult populations will decrease rates of pneumococcal pneumonia, however, does not decrease all-cause mortality, so it should be administered in populations where invasive pneumococcal disease is a risk.

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# What YOU need to know about pneumonia and the Pneumococcal Polysaccharide Vaccine (PPV)

## WHAT IS IT:

- Streptococcus pneumoniae is responsible for illness and death in adults worldwide
- 1 out of 20 people who get pneumococcal pneumonia die from it
- The bacteria has become more resistant to the medications previously useful
- Vaccination reduces rates of pneumonia from streptococcus pneumoniae by 74%
- Vaccination does not prevent pneumonia from other causes or reduce the risk of death from pneumonia or other causes.

## WHO IS AT RISK:

- The very young and the elderly

- Individuals with Chronic Disease
- Patients with environmental overcrowding and air pollutants such as smoke

## WHO SHOULD BE VACCINATED:

- CDC recommends vaccination for adults >65 years of age
- CDC recommends vaccination for anyone over 2 years of age with chronic disease such as heart disease, liver disease, sickle cell disease, diabetes, alcoholism, cirrhosis or a decreased resistance to infection

## References:

Moberly SA, Holden J, Tatham DP, Andrews RM, "Vaccines for preventing pneumococcal infection in adults (Review)" *The Cochrane Collaboration* 2008.

CDC vaccine information statement