# Important Information about CHRONIC KIDNEY DISEASE and Pneumococcal Disease

Talk to Your Patients about Protecting Themselves from this Dangerous Infection

Saving Lives: Integrating Vaccines for Adults Into Routine Care

- People with all stages of chronic kidney disease, including dialysis-treated patients and kidney transplant recipients, are at a greater risk for pneumococcal disease.
- Infections like pneumococcal disease are three to four times worse in people with chronic kidney disease compared to others.
- Pneumococcal disease causes serious illnesses like meningitis, bacteremia, and pneumonia.
- Invasive pneumococcal disease is particularly deadly. Pneumococcal bacteremia and meningitis kill 15 to 20 percent and 16 to 37 percent of those infected, respectively.
- Pneumococcal disease survivors may suffer hearing loss, seizures, blindness, or paralysis.
- Pneumococcal vaccination is recommended for all adults with chronic kidney disease. Medicare and most private insurance companies pay for vaccination for patients who need it.

**Adults with CHRONIC KIDNEY DISEASE are among those who need pneumococcal vaccination**

**The Centers for Disease Control and Prevention (CDC) recommends both the pneumococcal polysaccharide vaccine (PPSV23) and pneumococcal conjugate vaccine (PCV13) for adults with chronic kidney disease and other risk factors, including:**

- Immunocompromising conditions (HIV/AIDS, lymphoma or leukemia, chronic kidney disease) or receiving immunosuppressive treatment (steroids, radiation therapy, etc.)
- Functional or anatomic asplenia
- Cochlear implants or cerebrospinal fluid leaks

*The number and timing of doses for these adults varies. For more information, refer to the Pneumococcal Vaccination Guide for Adults or visit: www.cdc.gov/vaccines/vpd-vac/pneumo/.*

**There are other adults recommended for pneumococcal vaccination with PPSV23 only, including those:**

- Age 65 years and older
- Age 19-64 years of age with any following conditions: asthma, diabetes, lung, heart, or liver disease, or alcoholism
- Cigarette smokers
- Residents of long-term or chronic care facilities

*Most of these adults need only one vaccination. Patients with no additional risk factor require a second dose of vaccine at age 65 if it's been five years since their first dose.*

*For more information and resources to educate patients about pneumococcal disease, visit: Adultvaccination.org/pneumotools.*

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