Pneumococcal Vaccine Recommendations: Adults ages 65+ years (2022)

The CDC recommends pneumococcal vaccination for adults 65 years and older who have not previously received a pneumococcal conjugate vaccine or whose previous vaccination history is unknown.

Have you ever received a pneumococcal vaccine (PCV13 and/or PPSV23)?

- **YES**
  - Which pneumococcal vaccine(s) did you receive?
    - Both PCV13 and PPSV23
      - If previously received dose of PPSV23 after age 65
        - If you have an immunocompromising condition¹ or cerebrospinal fluid leak or cochlear implant²
          - Pneumococcal vaccine series complete!
        - Pneumococcal vaccine series complete!
      - If previously received dose of PPSV23 before age 65
        - If you are healthy
          - Administer 1 dose of PPSV23 at least 1 year after PCV13 and at least 5 years after PPSV23 was received.
          - Pneumococcal vaccine series complete!
    - Only PPSV23
      - Administer 1 dose of PCV15 OR PCV20 after at least 1 year after the last PPSV23 dose.
      - Pneumococcal vaccine series complete!
    - Only PCV13
      - Do you have an immunocompromising condition¹ or cerebrospinal fluid leak or cochlear implant²?
        - NO
          - Administer 1 dose of PPSV23³ at least 1 year after PCV13 was received.
          - Pneumococcal vaccine series complete!
        - YES
          - Administer 1 dose of PPSV23³ at least 8 weeks after PCV13 was received.
          - Pneumococcal vaccine series complete!

- **NO**
  - Administer 1 dose of PCV15 OR PCV20.
  - If PCV15 is used, follow with 1 dose of PPSV23 at least 1 year later (minimum of 8 weeks) to complete the patient’s recommended pneumococcal vaccination series.
  - Pneumococcal vaccine series complete!
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1) Immunocompromising conditions include:
   - Chronic renal failure
   - Nephrotic syndrome
   - Congenital or acquired immunodeficiency (including B-humoral) or T-lymphocyte deficiency, complement deficiencies (particularly C1, C2, C3, and C4 deficiencies), and phagocytic disorders (excluding chronic granulomatous disease)
   - Iatrogenic immunosuppression (including diseases requiring treatment with immunosuppressive drugs, including long-term systemic corticosteroids and radiation therapy
   - Generalized malignancy
   - Human immunodeficiency virus (HIV)
   - Hodgkin disease
   - Leukemia
   - Lymphoma
   - Multiple myeloma
   - Solid organ transplants
   - Congenital or acquired asplenia
   - Sickle cell disease
   - Other hemoglobinopathies

2) Underlying medical conditions or other risk factors include:
   - Cochlear implant
   - Cerebrospinal fluid leak

3) One dose of PCV20 may be used if PPSV23 is not available. If PCV20 is used, the patient’s pneumococcal vaccinations are still considered complete.

The PneumoRecs VaxAdvisor mobile app helps vaccination providers quickly and easily determine which pneumococcal vaccines a patient needs and when. The app incorporates recommendations for all ages so internists, family physicians, pediatricians, and pharmacists alike will find the tool beneficial. The app provides patient-specific guidance consistent with the immunization schedule recommended by the U.S. Advisory Committee on Immunization Practices (ACIP). Download the App Today!

For more information regarding pneumococcal vaccination for adults please refer to the CDC Pneumococcal Vaccination webpage or the 2022 CDC Adult Immunization Schedule webpage.
If you have questions regarding immunizations please contact the North Dakota Department of Health at 701-328-2372