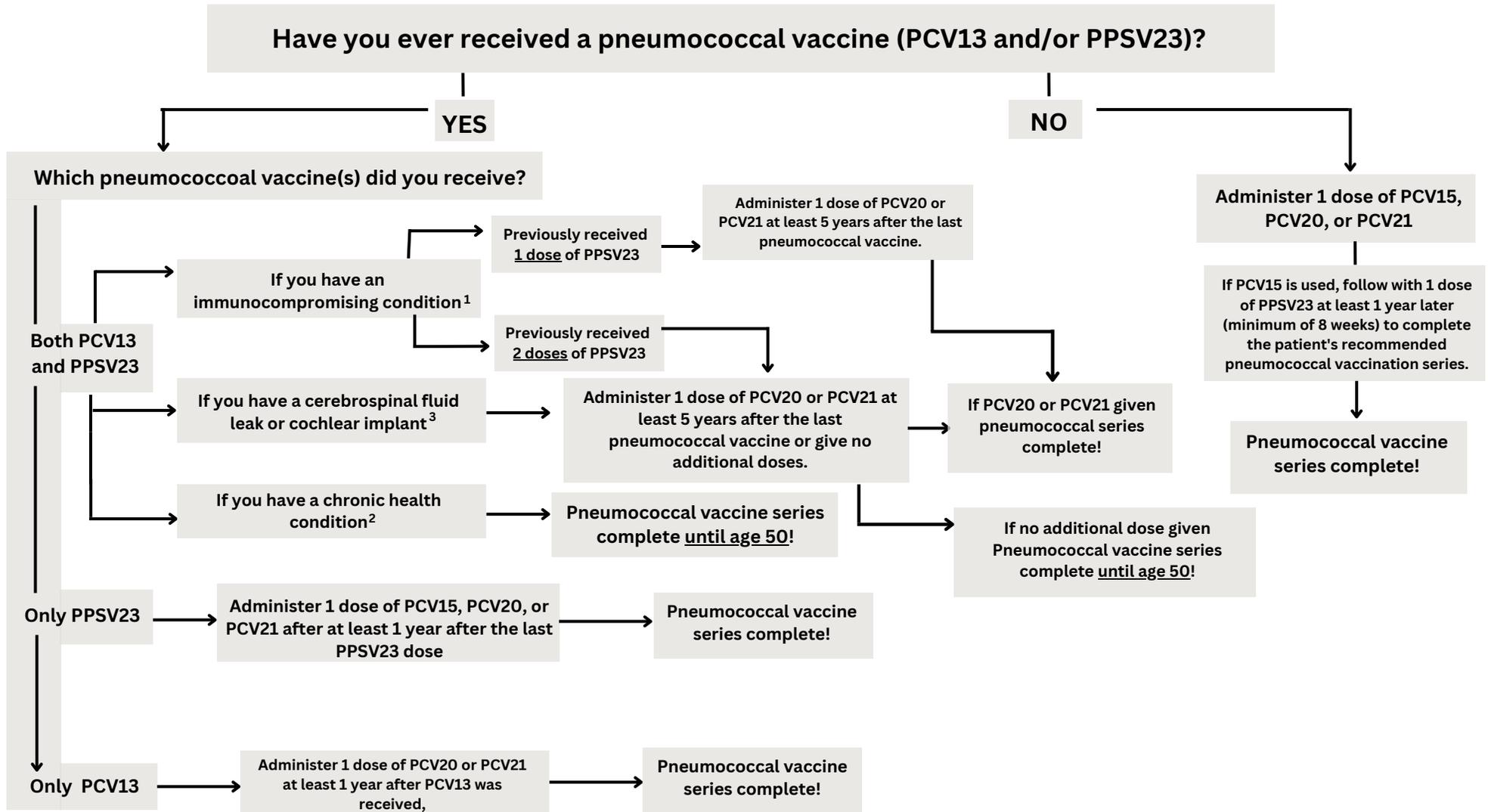


Pneumococcal Vaccine Recommendations: Adults ages 19-49 years

The CDC recommends pneumococcal vaccination for adults 19-49 years with certain underlying medical conditions^{1 2 3} or other risk factors^{1 2 3} or who have not previously received a pneumococcal conjugate vaccine or whose previous vaccination history is unknown.



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1) Immunocompromising conditions include:

- Chronic renal failure
- Congenital or acquired asplenia
- 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)
- Generalized malignancy
- HIV infection
- Hodgkin disease
- Iatrogenic immunosuppression (including diseases requiring treatment with immunosuppressive drugs, including long-term systemic corticosteroids and radiation therapy)
- Leukemia
- Lymphoma
- Multiple myeloma
- Nephrotic syndrome
- Sickle cell disease
- Solid organ transplants

2) Chronic health conditions include:

- Alcoholism
- Chronic heart disease (including congestive heart failure cardiomyopathies)
- Chronic liver disease
- Chronic lung disease (including chronic obstructive pulmonary disease, emphysema, and asthma)
- Cigarette smoking
- Diabetes mellitus

3) Underlying medical conditions or other risk factors include:

- Cerebrospinal fluid leak
- Cochlear implant



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 [CDC Adult Immunization Schedule](#) webpage.

If you have questions regarding immunizations please contact the North Dakota Health and Human Services at 701-328-3386.