

Pneumococcal Vaccine Timing for Adults

Make sure your patients are up to date with pneumococcal vaccination.

Adults ≥ 50 Years Old

Prior Vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 → ≥ 1 year [†] → PPSV23 [¶]
PPSV23 only at any age	≥ 1 year → PCV20 or PCV21	≥ 1 year → PCV15
PCV13 only at any age	≥ 1 year → PCV20 or PCV21	No Option B
PCV13 at any age and PPSV23 at < 65 yrs	≥ 5 years → PCV20 or PCV21	

Shared Clinical Decision-Making For Those Who Already Completed The Series With PCV13 and PPSV23

Prior Vaccines	Option A	Option B
Complete series: PCV13 at any age and PPSV23 at ≥ 65 yrs	≥ 5 years → PCV20 or PCV21	Together, with the patient, vaccine providers may choose to administer PCV20 or PCV21 to adults ≥ 65 years old who have already received PCV13 (but not PCV15 or PCV20 or PCV21) at any age and PPSV23 at or after the age of 65 years old.

* Also applies to people who received PCV7 at any age and no other pneumococcal vaccines

¶ If PPSV23 is not available, PCV20 or PCV21 may be used

† Consider minimum interval (8 weeks) for adults with an immunocompromising condition, cochlear implant, or cerebrospinal fluid leak (CSF) leak

§ For adults with an immunocompromising condition, cochlear implant, or CSF leak, the minimum interval for PPSV23 is ≥ 8 weeks since last PCV13 dose and ≥ 5 years since last PPSV23 dose; for others, the minimum interval for PPSV23 is ≥ 1 year since last PCV13 dose and ≥ 5 years since last PPSV23 dose

For more pneumococcal vaccination information, visit: <https://www.cdc.gov/pneumococcal/index.html>

Adults 19-49 Years Old With Specified Immunocompromising Conditions

Prior Vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 $\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23 [¶]
PPSV23 only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PCV13 only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	No Option B
PCV13 and 1 dose of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20 or PCV21	
PCV13 and 2 doses of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20 or PCV21	No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.
Immunocompromising Conditions:		
<ul style="list-style-type: none"> Chronic renal failure Congenital or acquired asplenia Congenital or acquired immunodeficiency[§] Generalized malignancy HIV infection Hodgkin disease Iatrogenic immunosuppression[¶] Leukemia Lymphoma Multiple myeloma Nephrotic syndrome Sickle cell disease/other hemoglobinopathies Solid organ transplant 		

*Also applies to people who received PCV7 at any age and no other pneumococcal vaccines

¶ If PPSV23 is not available, PCV20 or PCV21 may be used

† The minimum interval for PPSV23 is ≥ 8 weeks since last PCV13 dose and ≥ 5 years since last PPSV23 dose

§ Includes B- (humoral) or T-lymphocyte deficiency, complement deficiencies (particularly C1, C2, C3, and C4 deficiencies), and phagocytic disorders (excluding chronic granulomatous disease)

¶ Includes diseases requiring treatment with immunosuppressive drugs, including long-term systemic corticosteroids and radiation therapy

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Adults 19-49 Years Old With a Cochlear Implant or Cerebrospinal Fluid Leak

Prior Vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 $\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23 [†]
PPSV23 only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PCV13 only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	No Option B
PCV13 and 1 dose of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20 or PCV21	No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.

Adults 19-49 Years Old With Chronic Health Conditions

Prior Vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 $\xrightarrow{\geq 1 \text{ year}}$ PPSV23 [†]
PPSV23 only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PPSV13 [†] only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20 or PCV21	No Option B
PCV13 [†] and PPSV23	No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.	

Chronic Health Conditions

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

* Also applies to people who received PCV7 at any age and no other pneumococcal vaccines

† If PPSV23 is not available, PCV20 or PCV21 may be used

† Adults with chronic medical conditions were previously not recommended to receive PCV13



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