

Pneumococcal Vaccine Timing for Adults

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

Adults ≥50 years old Complete pneumococcal vaccine schedules

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 & PPSV23 at <50 yrs	→ ≥5 years → PCV20 or PCV21	

* 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

Shared clinical decision-making for those who already completed the series with PCV13 and PPSV23

Prior vaccines	Shared clinical decision-making option for adults ≥65 years old	
Complete series: PCV13 at any age & 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, PCV20, or PCV21) at any age and PPSV23 at or after the age of 65 years old.

Adults 19–49 years old with specified immunocompromising conditions

Complete pneumococcal vaccine schedules

Prior vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 → ≥ 8 weeks → PPSV23 [†]
PPSV23 only	≥ 1 year → PCV20 or PCV21	≥ 1 year → PCV15
PCV13 only	≥ 1 year → PCV20 or PCV21	NO OPTION B
PCV13 and 1 dose of PPSV23	≥ 5 years → PCV20 or PCV21	
PCV13 and 2 doses of PPSV23	≥ 5 years → PCV20 or PCV21	
Immunocompromising conditions	<ul style="list-style-type: none"> Chronic renal failure Congenital or acquired asplenia Congenital or acquired immunodeficiency[§] Generalized malignancy 	<ul style="list-style-type: none"> HIV infection Hodgkin disease Iatrogenic immunosuppression[¶] Leukemia Lymphoma

* 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

Adults 19–49 years old with a cochlear implant or cerebrospinal fluid leak

Complete pneumococcal vaccine schedules

Prior vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 → ≥ 8 weeks → PPSV23 [†]
PPSV23 only	≥ 1 year → PCV20 or PCV21	≥ 1 year → PCV15
PCV13 only	≥ 1 year → PCV20 or PCV21	NO OPTION B
PCV13 and 1 dose of PPSV23	≥ 5 years → PCV20 or PCV21	No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 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

Adults 19–49 years old with chronic health conditions

Complete pneumococcal vaccine schedules

Prior vaccines	Option A	Option B
None*	PCV20 or PCV21	PCV15 → ≥ 1 year → PPSV23 [†]
PPSV23 only	≥ 1 year → PCV20 or PCV21	≥ 1 year → PCV15
PCV13 [†] only	≥ 1 year → PCV20 or PCV21	NO OPTION B
PCV13 [†] and PPSV23	<p>No vaccines are recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.</p>	
Chronic health conditions	<ul style="list-style-type: none"> Alcoholism Chronic heart disease, including congestive heart failure and cardiomyopathies Chronic liver disease 	<ul style="list-style-type: none"> 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