

# Pneumococcal Vaccine Timing for Adults

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

## Adults ≥65 Years Old

Prior Vaccines	Option A	Option B
None*	PCV20	PCV15 → $\geq 1$ year <sup>†</sup> → PPSV23
PPSV23 Only at any age	$\geq 1$ year → PCV20	$\geq 1$ year → PCV15
PCV13 Only at any age	$\geq 1$ year → PCV20	$\geq 1$ year <sup>†</sup> → PPSV23
PCV13 at any age and PPSV23 at <65 yrs	$\geq 5$ years → PCV20	$\geq 5$ years <sup>§</sup> → PPSV23
<b>Shared clinical decision-making for those who already completed the series with PCV13 and PPSV23</b>		
Complete series: PCV13 at any age and PPSV23 at ≥65 yrs	$\geq 5$ years → PCV20	Together, with the patient, vaccine providers may choose to administer PCV20 to adults ≥65 years old who have already received PCV13 (but not PCV15 or PCV20) 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

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

<sup>§</sup> 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:

[www.cdc.gov/pneumococcal/vaccination.html](http://www.cdc.gov/pneumococcal/vaccination.html)

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## Adults 19-64 Years Old - Specified Immunocompromising Conditions

Prior Vaccines	Option A	Option B
None*	PCV20	PCV15 $\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23
PPSV23 Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PCV13 Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23 $\xrightarrow{\geq 5 \text{ years}}$ PPSV23
PCV13 and 1 Dose of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20	$\xrightarrow{\geq 5 \text{ years}^\dagger}$ PPSV23
PCV13 and 2 Doses of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20	No vaccines recommended at this time.

### Immunocompromising Conditions:

- Chronic renal failure
- HIV infection
- Multiple myeloma
- Congenital or acquired asplenia
- Hodgkin disease
- Nephrotic syndrome
- Congenital or acquired
- Iatrogenic immunosuppression<sup>¶</sup>
- Sickle cell disease/other immunodeficiency<sup>§</sup>
- Leukemia hemoglobinopathies
- Generalized malignancy
- Lymphoma
- Solid organ transplant

Review pneumococcal vaccine recommendations again when your patient turns 65 years old.

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

† The minimum interval for PPSV23 is  $\geq 8$  weeks since last PCV13 dose and  $\geq 5$  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 19-64 Years Old - With a Cochlear Implant or Cerebrospinal Fluid Leak

Prior Vaccines	Option A	Option B
None*	PCV20	PCV15 $\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23
PPSV23 Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PCV13 Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23
PCV13 and 1 Dose of PPSV23	$\xrightarrow{\geq 5 \text{ years}}$ PCV20	No vaccines recommended at this time.

Review pneumococcal vaccine recommendations again when your patient turns 65 years old.

## Adults 19-64 Years Old - With Chronic Health Conditions

Prior Vaccines	Option A	Option B
None*	PCV20	PCV15 $\xrightarrow{\geq 1 \text{ year}}$ PPSV23
PPSV23 Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 1 \text{ year}}$ PCV15
PVC13 <sup>†</sup> Only	$\xrightarrow{\geq 1 \text{ year}}$ PCV20	$\xrightarrow{\geq 8 \text{ weeks}}$ PPSV23
PCV13 <sup>†</sup> and PPSV23	No vaccines recommended at this time.	

### Chronic Health Conditions

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

Review pneumococcal vaccine recommendations again when your patient turns 65 years old.

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

<sup>†</sup> Adults with chronic medical conditions were previously not recommended to receive PCV13