

# 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 <sup>‡</sup> |
| PCV15 only<br>at any age                          | → ≥1 year† → PPSV23 <sup>‡</sup>               | NO OPTION B                            |
| PCV15 & PPSV23 OR<br>PCV20 OR PCV21<br>at any age | No vaccines recommended; schedule is complete. |  |
| PPSV23 only<br>at any age                         | → ≥1 year → PCV20 or PCV21                     | → ≥1 year → PCV15                      |
| PCV13 only<br>at any age                          | → ≥1 year → PCV20 or PCV21                     | NO OPTION B                            |
| PCV13 at any age &<br>PPSV23 at <65 yrs           | → ≥5 years → PCV20 or PCV21                    |  |

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

<sup>‡</sup> 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



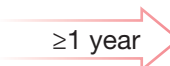
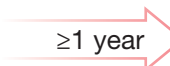
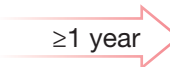
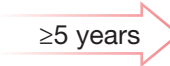
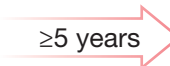
§ For adults with an immunocompromising condition, cochlear implant, or CSF leak, the minimum interval for PPSV23 is ≥8 weeks since last PCV13 dose and ≥5 years since last PPSV23 dose; for others, the minimum interval for PPSV23 is ≥1 year since last PCV13 dose and ≥5 years since last PPSV23 dose

### 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:<br>PCV13 at any age &<br>PPSV23 at ≥65 yrs | → ≥5 years → PCV20 or PCV21                                     | Together, with the patient, vaccine providers <b>may choose</b> 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  PPSV23 <sup>†</sup>                 |
| PCV15 only at any age                       |  PPSV23 <sup>†</sup>  | NO OPTION B   |
| PCV15 & PPSV23 OR PCV20 OR PCV21 at any age | No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.  |   |
| PPSV23 only at any age                      |  PCV20 or PCV21   |  PCV15                                     |
| PCV13 only at any age                       |  PCV20 or PCV21   | NO OPTION B   |
| PCV13 and 1 dose of PPSV23 at any age       |  PCV20 or PCV21   |   |
| PCV13 and 2 doses of PPSV23 at any age      |  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"> <li>Chronic renal failure</li> <li>Congenital or acquired asplenia</li> <li>Congenital or acquired immunodeficiency<sup>§</sup></li> <li>Generalized malignancy</li> <li>HIV infection</li> <li>Hodgkin disease</li> <li>Iatrogenic immunosuppression<sup>††</sup></li> <li>Leukemia</li> <li>Lymphoma</li> <li>Multiple myeloma</li> <li>Nephrotic syndrome</li> <li>Sickle cell disease/other hemoglobinopathies</li> <li>Solid organ transplant</li> </ul> |   |

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



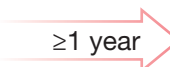
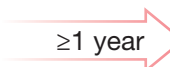
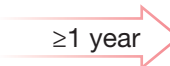
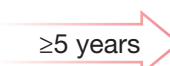
<sup>†</sup> If PPSV23 is not available, PCV20 or PCV21 may be used

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

<sup>††</sup> 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

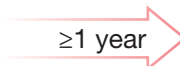
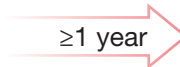
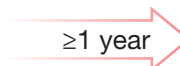
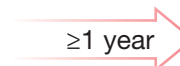
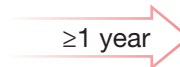
| Prior vaccines                              | Option A  | Option B  |
|---|---|---|
| None*                                       | PCV20 or PCV21  | PCV15  ≥8 weeks PPSV23 <sup>¶</sup>        |
| PCV15 only at any age                       | ≥8 weeks  PPSV23 <sup>¶</sup>                | NO OPTION B   |
| PCV15 & PPSV23 OR PCV20 OR PCV21 at any age | No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old. |   |
| 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 and 1 dose of PPSV23 at any age       | ≥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

<sup>¶</sup> 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 <sup>†</sup> |
| PCV15 only at any age                       |  ≥1 year PPSV23 <sup>†</sup>   | NO OPTION B   |
| PCV15 & PPSV23 OR PCV20 OR PCV21 at any age | No vaccines recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.   |   |
| PPSV23 only at any age                      |  ≥1 year PCV20 or PCV21  |  ≥1 year PCV15                     |
| PCV13 <sup>†</sup> only at any age          |  ≥1 year PCV20 or PCV21  | NO OPTION B   |
| PCV13 <sup>†</sup> and PPSV23 at any age    | No vaccines are recommended at this time. Review pneumococcal vaccine recommendations again when your patient turns 50 years old.   |   |
| Chronic health conditions                   | <ul style="list-style-type: none"> <li>Alcoholism</li> <li>Chronic heart disease, including congestive heart failure and cardiomyopathies</li> <li>Chronic liver disease</li> <li>Chronic lung disease, including chronic obstructive pulmonary disease, emphysema, and asthma</li> <li>Cigarette smoking</li> <li>Diabetes mellitus</li> </ul> |   |

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

<sup>†</sup> If PPSV23 is not available, PCV20 or PCV21 may be used

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