

Pneumococcal Vaccine Recommendations for Adults ≥50 Years Old¹

Pneumococcal Vaccine History

Pneumococcal Vaccine Recommendation

None (or unknown)

PCV21, PCV20, or PCV15 x 1 dose

(if PCV15 is used, give PPSV23 x 1 dose ≥1 year later; an interval of ≥8 weeks can be considered if immunocompromised², CSF leak, or cochlear implant)

PCV7 Only (at any age)

PCV21, PCV20, or PCV15 x 1 dose

(if PCV15 is used, give PPSV23 x 1 dose ≥1 year later; an interval of ≥8 weeks can be considered if immunocompromised⁴, CSF leak, or cochlear implant)

PCV15 Only

PPSV23 x 1 dose ≥1 year after PCV15

(an interval of ≥8 weeks can be considered if immunocompromised², CSF leak, or cochlear implant; PCV21 or PCV20 can be used if PPSV23 not available)

PCV15 + PPSV23 at any age

Pneumococcal Vaccine Schedule Completed

PPSV23 Only

PCV21, PCV20, or PCV15 x 1 dose ≥1 year after last PPSV23 dose

PCV13 Only

PCV21 or PCV20 x 1 dose ≥1 year after the PCV13 dose

PCV13 at any age +
PPSV23 at <65 years

PCV21 or PCV20 x 1 dose ≥5 years after last pneumococcal vaccine dose

PCV13 at any age +
PPSV23 at ≥65 years

PCV21 or PCV20 x 1 dose ≥5 years after last pneumococcal vaccine dose (with shared clinical decision-making)

PCV20 or PCV21 at any age

Pneumococcal Vaccine Schedule Completed

PCV = pneumococcal conjugate vaccine
PPSV = pneumococcal polysaccharide vaccine

1. M Kobayashi et al. MMWR Morb Mortal Wkly Rep 2025; 74:1. Available at: <https://www.cdc.gov/mmwr/volumes/74/wr/mm7401a1.htm>. Accessed July 21, 2025; CDC. Pneumococcal vaccine timing for adults. Available at www.cdc.gov/pneumococcal/downloads/vaccine-timing-adults-jobaid.pdf. Accessed July 21, 2025.
2. Immunocompromising conditions include chronic renal failure, nephrotic syndrome, immunodeficiency, iatrogenic immunosuppression, generalized malignancy, HIV infection, Hodgkin disease, leukemia, lymphoma, multiple myeloma, solid organ transplant, congenital or acquired asplenia, or sickle cell disease or other hemoglobinopathies.