

Adult Pneumococcal Vaccine Panel

New Pneumococcal Vaccine Recommendations: Prevnar-20 (PCV20) is the preferred conjugate vaccine on Formulary at NYP

CDC Pneumococcal Vaccine Timing for Adults:

<https://www.cdc.gov/vaccines/vpd/pneumo/downloads/pneumo-vaccine-timing.pdf>

Patients 19-64 years old with at least one medical condition or risk factor:

- No prior pneumococcal vaccination OR unknown
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of only pneumococcal polysaccharide vaccine 23 (PPSV23)
 - PPSV23 < 1 year ago
 - None; wait at least 1 year from PPSV23 dose to administer Prevnar20 (PCV20)
 - PPSV23 ≥ 1 year ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of Prevnar13 (PCV13) but who has not received all recommended doses of PPSV23
 - Cerebrospinal fluid leak OR cochlear implant
 - PCV13 < 8 weeks ago
 - None; wait at least 8 weeks from PCV13 dose to administer Prevnar20 (PCV20)
 - PCV13 ≥ 8 weeks ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
 - Immunocompromising condition
 - PCV13 < 8 weeks ago AND no PPSV23 doses
 - None; wait at least 8 weeks from PCV13 dose to administer Prevnar20 (PCV20)
 - PCV13 ≥ 8 weeks ago AND no PPSV23 doses
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
 - PCV13 < 8 weeks ago OR PPSV23 < 5 years ago
 - None; wait at least 8 weeks from PCV13 dose AND at least 5 years from last PPSV23 dose to administer Prevnar20 (PCV20)
 - PCV13 ≥ 8 weeks ago AND PPSV23 > 5 years ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once

- Other medical condition or risk factor
 - PCV13 < 1 year ago AND no PPSV23 doses
 - None; wait at least 1 year from PCV13 dose to administer Prevnar20 (PCV20)
 - PCV13 ≥ 1 year ago AND no PPSV23 doses
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of Prevnar13 (PCV13) or Vaxneuvance (PCV15) AND has received all recommended doses of PPSV23
 - None; pneumococcal vaccinations are complete
- History of Vaxneuvance (PCV15) but who has not received all recommended doses of PPSV23
 - Immunocompromising condition OR cerebrospinal fluid leak OR cochlear implant
 - PCV15 < 8 weeks ago
 - None; wait at least 8 weeks from PCV15 dose to administer pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - PCV15 ≥ 8 weeks ago
 - ✓ Pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - Other medical condition or risk factor
 - PCV15 < 1 year ago
 - None; wait at least 1 year from PCV15 dose to administer pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - PCV15 ≥ 1 year ago
 - ✓ Pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
- History of Prevnar20 (PCV20)
 - None; pneumococcal vaccinations are complete

Patients ≥ 65 years old:

- No prior pneumococcal vaccination OR unknown
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of only pneumococcal polysaccharide vaccine 23 (PPSV23)
 - PPSV23 < 1 year ago

- None; wait at least 1 year from PPSV23 dose to administer Prevnar20 (PCV20)
- PPSV23 $\geq$ 1 year ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of Prevnar13 (PCV13) but who has not received all recommended doses of PPSV23
 - Immunocompromising condition OR cerebrospinal fluid leak OR cochlear implant
 - PCV13 < 8 weeks ago AND no PPSV23 doses
 - None; wait at least 8 weeks from PCV13 dose to administer Prevnar20 (PCV20)
 - PCV13 $\geq$ 8 weeks ago AND no PPSV23 doses
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
 - PCV13 < 8 weeks ago OR PPSV23 < 5 years ago
 - None; wait at least 8 weeks from PCV13 dose AND at least 5 years from last PPSV23 dose to administer Prevnar20 (PCV20)
 - PCV13 $\geq$ 8 weeks ago AND PPSV23 > 5 years ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
 - Other medical condition or risk factor
 - PCV13 < 1 year ago AND no PPSV23 doses
 - None; wait at least 1 year from PCV13 dose to administer Prevnar20 (PCV20)
 - PCV13 $\geq$ 1 year ago AND no PPSV23 doses
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
 - PCV13 < 1 year ago OR PPSV23 < 5 years ago
 - None; wait at least 1 year from PCV13 dose AND at least 5 years from last PPSV23 dose to administer Prevnar20 (PCV20)
 - PCV13 $\geq$ 1 year ago AND PPSV23 > 5 years ago
 - ✓ Prevnar20 (PCV20) 0.5 mL IM once
- History of Prevnar13 (PCV13) or Vaxneuvance (PCV15) AND has received all recommended doses of PPSV23
 - None; pneumococcal vaccinations are complete
- History of Vaxneuvance (PCV15) but who has not received all recommended doses of PPSV23
 - Immunocompromising condition OR cerebrospinal fluid leak OR cochlear implant
 - PCV15 < 8 weeks ago

- None; wait at least 8 weeks from PCV15 dose to administer pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - PCV15 $\geq$ 8 weeks ago
 - ✓ Pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - Other medical condition or risk factor
 - PCV15 < 1 year ago
 - None; wait at least 1 year from PCV15 dose to administer pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - PCV15 $\geq$ 1 year ago
 - ✓ Pneumococcal polysaccharide vaccine 23 (PPSV23) 0.5 mL IM once
 - History of Prevnar-20 (PCV20)
 - None; pneumococcal vaccinations are complete

+ Immunocompromising conditions include 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 or other hemoglobinopathies, and solid organ transplant.