

Depending on a patient’s history of pneumococcal vaccination and health condition(s), administer PCV20, PCV15, or PPSV23 using the following tables (recommendations are based on the September 8, 2023 [MMWR](#), refer to it for complete adult pneumococcal vaccine recommendations):

Table 1. Recommendations for adults age 65 years or older

Prior vaccines:	Option A	Option B
None, unknown, or PCV7 only	PCV20	PCV15 followed by PPV23 ≥1 yr
PPSV23 only (at any age)	PCV20 ≥1 yr after the last PPSV23	PCV15 ≥1 yr after the last PPSV23
PCV13 only (at any age)	PCV20 ≥1 yr after the last PCV13	PPSV23 ≥1 yr after the last PCV13
PCV13 (at any age) & PPV23 before the age of ≥65	PCV20 ≥5 yrs after last pneumococcal vaccine dose	PPSV23 ≥1 yr after the PCV13, and ≥5 yrs after the previous PPSV23
Complete series of PCV13 (at any age) & PPV23 at age ≥65	Shared clinical decision-making is recommended regarding the use of a supplemental PCV20 dose for adults ≥65	

Table 2. Recommendations for adults age 19 through 64 years with specific immunocompromising conditions*

Prior vaccines:	Option A	Option B
None, unknown, or PCV7 only	PCV20	PCV15 followed by PPSV23 ≥8 wks
PPSV23 only	PCV20 ≥1 year after the last PPSV23	PCV15 ≥1 yr after the last PPSV23
PCV13 only	PCV20 ≥1 yr after the last PCV13	PPSV23 ≥8 wks after the last PCV13, followed by a second PPSV23 ≥5 yrs
PCV13 & 1 dose PPSV23	PCV20 ≥5 yrs after last pneumococcal dose	PPSV23 ≥8 wks after the last PCV13, and ≥5 yrs after the last PPSV23
PCV13 & 2 doses PPSV23	PSV20 ≥5 yrs after last pneumococcal dose	

***Immunocompromising conditions:** Chronic renal failure, congenital or acquired asplenia, congenital or acquired immunodeficiencies, generalized malignancy, HIV infection, Hodgkin disease, iatrogenic immunosuppression, leukemia, lymphoma, multiple myeloma, nephrotic syndrome, sickle cell disease and other hemoglobinopathies, solid organ transplant

Table 3. Recommendations for adults age 19 through 64 years with a cochlear implant or cerebrospinal leak

Prior vaccines:	Option A	Option B
None, unknown, or PCV7 only	PCV20	PCV15 followed by PPSV23 ≥8 wks
PPSV23 only	PCV20 ≥1 yr after the last PPSV23	PCV15 ≥1 yr after the last PPSV23
PCV13 only	PCV20 ≥1 yr after the last PCV13	PPSV23 ≥8 wks after the last PCV13
PCV13 & 1 dose PPSV23	PCV20 ≥5 yrs after last pneumococcal dose	

Table 4. Recommendations for adults age 19 through 64 years with a chronic medical health condition*

Prior vaccines:	Option A	Option B
None, unknown, or PCV7 only	PCV20	PCV15 followed by PPSV23 ≥1 yr
PPSV23 only	PCV20 ≥1 yr after the last PPSV23	PCV15 ≥1 yr after the last PPSV23
PCV13 only	PCV20 ≥1 yr after the last PCV13	PPSV23 ≥1 yr after the last PCV13
PCV13 & 1 dose PPSV23	No additional pneumococcal vaccines are recommended at this time	

***Chronic medical health conditions:** Alcoholism, chronic heart disease, chronic liver disease, chronic lung disease, cigarette smoking, diabetes mellitus

NOTE: Use these resources for additional recommendations regarding different patient circumstances not addressed here are:

- MMWR: Pneumococcal Vaccine for Adults Aged ≥19 Years, 2023
https://www.cdc.gov/mmwr/volumes/72/rr/rr7203a1.htm?s_cid=rr7203a1_w#T2_down
- “Ask the Experts,” scroll down to “Recommendations for Adults” to find “what if” questions and answers https://www.immunize.org/askexperts/experts_pneumococcal_vaccines.asp
- PneumoRecs Vax Advisor app for customized pneumococcal vaccination recommendations
<https://www.cdc.gov/vaccines/vpd/pneumo/hcp/pneumoapp.html>