

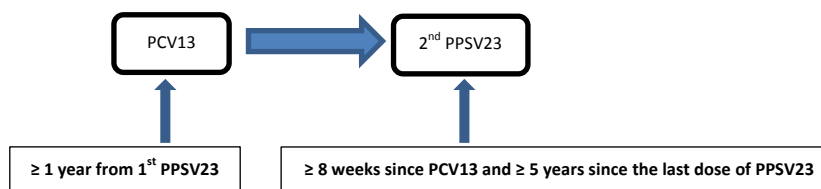
**PCV13 and PPSV23 Vaccination Algorithm for Individuals with Chronic Renal Failure or Nephrotic Syndrome per [CDC](#) and [ACIP](#) Guidelines**

Age:  $\geq 19-64$  years

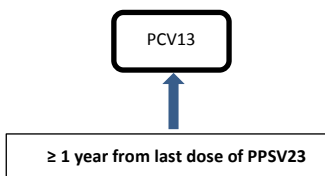
**Recommendations for Pneumococcal Vaccine Naïve Adults  $\geq 19-64$  Years:**



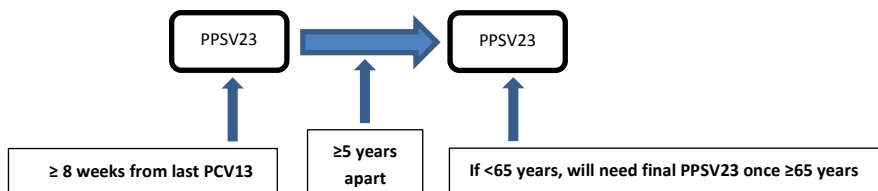
**Recommendations for Adult  $\geq 19-64$  Years Previously Vaccinated with one dose of PPSV23 And Never Vaccinated with PCV13:**



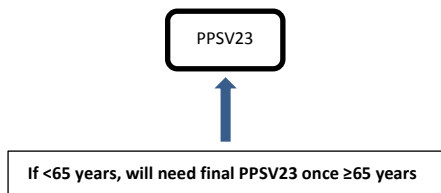
**Recommendations for Adult  $\geq 19-64$  Years Previously Vaccinated with two doses of PPSV23 and Never Vaccinated with PCV13:**



**Recommendations for Adult  $\geq 19-64$  Years Previously Vaccinated with  $\geq 1$  dose PCV13 and Never Vaccinated with PPSV23:**



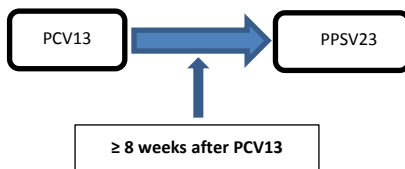
**Recommendations for Adult  $\geq 19-64$  Years Previously Vaccinated with  $\geq 1$  dose PCV13 ( $\geq 8$  weeks ago) and  $\geq 1$  dose PPSV23 ( $\geq 5$  years ago):**



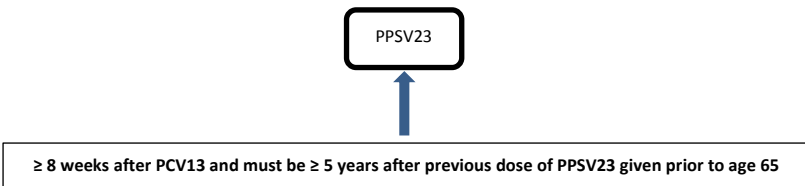
## PCV13 and PPSV23 Vaccination Algorithm for Individuals with Chronic Renal Failure or Nephrotic Syndrome per [CDC](#) and [ACIP](#) Guidelines

Age:  $\geq 65$  years

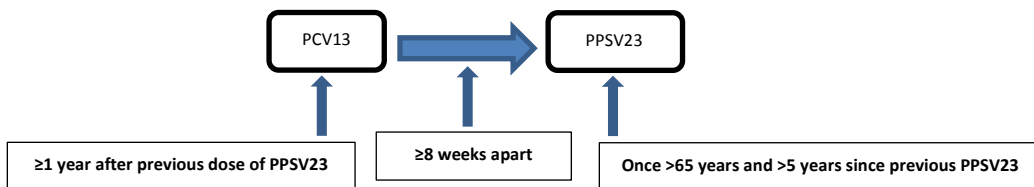
### Recommendations for Pneumococcal Vaccine Naïve Adults $\geq 65$ Years:



### Recommendations for Adult $\geq 65$ Years Previously Vaccinated with $\geq 1$ dose PCV13 ( $\geq 8$ weeks ago):



### Recommendations for Adult $\geq 65$ Years Previously Vaccinated with $\geq 1$ dose PPSV23 before 65 years:



**Remember:**

PCV13 & PPSV23 Key Concepts Chronic Renal Failure 19-64 years of age
Need 1 PCV13 (if not previously given)
Need 2 PPSV23 separated by 5 years
Final PPSV23 at $\geq 65$ years old 5 years after any previous dose of PPSV23 given $< 65$ years
<b>Minimum intervals:</b>
Preferred: PCV13 $\rightarrow$ $\geq 8$ weeks $\rightarrow$ #1 PPSV23 $\rightarrow$ $\geq 5$ years $\rightarrow$ #2 PPSV23
Alternate: #1 PPSV23 $\rightarrow$ $\geq 1$ year $\rightarrow$ PCV13 $\rightarrow$ Then give #2 PPSV23 when $\geq 8$ weeks since PCV13 and $\geq 5$ years since previous PPSV23
<b><math>\geq 65</math> years of age</b>
Need 1 PCV13 (if not previously given) and need 1 PPSV23
<b>Minimum intervals:</b>
Preferred: PCV13 $\rightarrow$ $\geq 8$ weeks $\rightarrow$ PPSV23 (when $\geq 5$ years $\rightarrow$ since previous PPSV23)
Alternate: PPSV23 $\rightarrow$ $\geq 1$ year $\rightarrow$ PCV13

**New CMS Policy Regarding Payment for Medicare Part B Pneumococcal Vaccines**

- In the past, the Centers for Medicare Services (CMS) has reimbursed providers for one polysaccharide pneumococcal vaccine (PPSV23) for Medicare B patients  $> 65$  years old
- In light of ACIP recommendations that adults  $> 65$  years old should receive **both** thirteen-valent conjugated pneumococcal vaccine (PCV13) and PPSV23, CMS has made modifications to its Medicare Part B Coverage of Pneumococcal Vaccinations. The policy says:
  - Give an initial pneumococcal vaccine if not previously received under Medicare Part B
  - A different, second pneumococcal vaccine will also be reimbursed if scheduled **at least one year after the initial Medicare B covered pneumococcal vaccine**
    - i.e. *at least 11 full months have passed following the month in which the last pneumococcal vaccine was given*
  - Prior pneumococcal vaccine receipt should be taken into account when choosing which pneumococcal vaccine to begin with under Medicare Part B
  - This new modified policy is effective for patients who received care on or after September 19, 2014

**Resources**

- CDC Guidelines for Vaccinating Kidney Dialysis Patients and Patients with Chronic Kidney Disease
  - <http://www.cdc.gov/vaccines/pubs/downloads/dialysis-guide-2012.pdf>
- Pneumococcal Advisory Committee on Immunization Practices (ACIP) Vaccine Recommendations
  - <http://www.cdc.gov/vaccines/hcp/acip-recs/vacc-specific/pneumo.html>
- Modifications to Medicare Part B Coverage of Pneumococcal Vaccinations
  - <http://www.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/2014-Transmittals-Items/R3159CP.html>

\*Naïve=patients without previous pneumococcal vaccination of any type