## Pneumococcal Vaccine Timing

### Age 65+ Years (no underlying conditions)

#### Discuss Options 1 vs. 2 with Patient

**Option 1 – PPSV23 only**

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Timing</th>
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<tbody>
<tr>
<td>PPSV 23</td>
<td>Immediately after PCV13 or 5 years after prior dose of PPSV23</td>
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**OR**

**Option 2 – PCV13 + PPSV23**

Consider PCV13 for persons who have not received it and have at least one of these conditions:
- Consider regularly offering if resides in nursing home or other long-term care facility, or resides in or is traveling to settings with low rates of pediatric immunization with PCV.
- Consider offering if in group A below (smoker, or chronic conditions).

- No history of pneumococcal vaccine
  - PCV 13
  - PPSV 23

- Received PPSV23 before age 65
  - PCV 13
  - PPSV 23

- Received PPSV23 at age 65 or older
  - PCV 13

*If PCV13 was given before age 65 years, no additional PCV13 is needed.*

### Age 19+ Years with Underlying Conditions

- Prior doses count towards doses recommended below and do not need to be repeated.
- If PPSV23 given previously – wait one year before giving PCV13
  - for group B and <65 years of age, wait at least five years before giving a second dose of PPSV23.
- No more than two doses of PPSV23 recommended before 65th birthday and one dose thereafter.

#### A. Smoker, or Chronic conditions:
- heart disease (excluding hypertension)
- lung disease (including asthma)
- liver disease (including cirrhosis)
- diabetes
- alcoholism

- PPSV 23
- If 65 years or older, consider PCV13. See Option 2, above.

#### B. Immunocompromised
- Immunocompromised (including HIV infection), Chronic renal failure, Nephrotic syndrome, or Asplenia (including sickle cell)

- PCV 13
- PPSV 23
- (Only if younger than 65 years when prior dose given)

#### C. CSF leaks or Cochlear implants

- PCV 13
- PPSV 23