Pneumococcal Vaccine Timing–For Adults

DO NOT administer PCV13 and PPSV23 at the same visit.

Age 65 Years or Older

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

No history of pneumococcal vaccine

- PCV13 (Prevnar 13®)
- 1 year (8 weeks for groups B & C as defined below)
- PPSV23 (Pneumovax 23®)

Received PPSV23 before age 65

- PCV13 (Prevnar 13®)
- 1 year (8 weeks for groups B & C as defined below)
- PPSV23 (Pneumovax 23®)

Received PPSV23 at age 65 or older

- PCV13 (Prevnar 13®)

Age 19-64 Years With Underlying Condition(s)

• 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, 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, Long-term facility resident, or Chronic conditions:

- heart disease (excluding hypertension)
- lung disease (including asthma)
- liver disease (including cirrhosis)
- diabetes
- alcoholism

B. Immunocompromised (including HIV infection),

- Chronic renal failure,
- Nephrotic syndrome,
- Asplenia

- PCV13
- 8 weeks
- PPSV23
- 5 years
- PPSV23

C. CSF leaks or Cochlear implants

- PCV13
- 8 weeks
- PPSV23

For further details, see: www.cdc.gov/vaccines/hcp/acip-recs/vacc-specific/pneumo.html
California Department of Public Health, Immunization Branch  www.EZIZ.org
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## Improving Adult Immunization Rates while Reducing Healthcare Disparities

### PCV13 vs. PPSV23: Case Examples

### Case #1:

**Patient Story:**
- 70 year old man who received his first and only pneumonia vaccine (Pneumovax) at age 65
- **Medical problems:** hypertension and dyslipidemia

**Questions:**
1. Is he due for another pneumonia vaccine?
2. If yes, which vaccine does he need: PPSV23 (Pneumovax) and/or PCV13 (Prevnar)? In what order?

   **Answers:**
   1. Yes, he would be due for PCV13. People who are first vaccinated with PPSV23 at age 65 or older only need to receive 1 dose of PPSV23 dose, regardless of their underlying medical conditions.
   2. He would need PCV13 which can be given right away because it has been over 1 year since his PPSV23 vaccination.

### Case #2:

**Patient Story:**
- 65 year old woman on 20 mg of prednisone daily for arthritis; otherwise healthy
- She’s never had a pneumonia vaccine

**Questions:**
1. Does she need a pneumonia vaccine?
2. If yes, which vaccine does he need: PPSV23 (Pneumovax) and/or PCV13 (Prevnar)? In what order?

   **Answers:**
   1. Yes, she meets the requirement for both PCV13 (age) and PPSV23 (immunosuppressed).
   2. PCV13 to be given first followed by PPSV23 eight weeks later. No other PPSV23 booster doses needed.

### Case #3:

**Patient Story:**
- 71 year old woman who received a pneumonia vaccine (PPSV 23-Pneumovax) at age 59 & 65
- Her spleen was removed after a car accident at age 59

**Questions:**
1. Is she due for another pneumonia vaccine?
2. If yes, which vaccine does he need: PPSV23 (Pneumovax) and/or PCV13 (Prevnar)? In what order?

   **Answers:**
   1. Yes. Asplenia is one of the medical conditions for PCV13.
   2. Only PCV13, it’s been more than 1 year since last PPSV23 so can administer now. No additional doses of PPSV23 needed.

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