



**FROM: Communicable Disease Prevention Unit
Population Health Division
San Francisco Department of Public Health**

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Please Read and Post

Pneumococcal Vaccination of ADULTS & CHILDREN: Eligibility, Sequence, and Timing

There are 2 vaccines currently available for the prevention of invasive pneumococcal disease in adults and children:

- **13-valent pneumococcal conjugate vaccine (PCV13, Prevnar13®) -- is more immunogenic**
- **23-valent pneumococcal polysaccharide vaccine (PPSV23, Pneumovax23®) -- covers more strains**

Updated Recommendations

The Advisory Committee on Immunization Practices (ACIP) has recently updated its recommendations for eligibility, sequencing, and timing of administration of these vaccines.*

Recommendations vary widely according to patient age and clinical status. Infants and toddlers are universally recommended to receive PCV13, and adults age 65 years and older are universally recommended to have been immunized with both PCV13 and PPSV23. Subsets of patients aged 6 through 64 years are recommended to receive PPSV23 only, or PCV13 and PPSV23, depending on their underlying condition(s).

Adding to the complexity, PCV13 and PPSV23 must be spaced appropriately to optimize immune response, and minimum recommended intervals between vaccines differ depending on patient age and clinical status.

Simplified Algorithms

Fortunately, the California Department of Public Health, Immunization Branch, has created two excellent, easy-to-follow, downloadable algorithms for clinicians to identify eligible patients and determine sequence and timing of pneumococcal vaccination.

- **Pneumococcal Vaccine Timing – For Adults** (<http://eziz.org/assets/docs/IMM-1152.pdf>)
- **Pneumococcal Vaccine Timing – For Children** (<http://eziz.org/assets/docs/IMM-1159.pdf>)

Low-Cost PCV13

Prevnar13® and Pneumovax23® are available at many doctors' offices, clinics and retail pharmacies.

Clinicians may refer **adults** needing **low-cost (\$26) Prevnar13®** to AITC Immunization & Travel Clinic, San Francisco Dept. Public Health, 101 Grove Street, Room 102 (while supplies last -- call to check availability.)

No prescription or appointment is necessary; patients may drop in during regular business hours (415-554-2625; <http://www.TravelClinicSF.org>) and are recommended to bring their vaccination history.

* <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6434a4.htm>
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6337a4.htm>
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6225a3.htm>
<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6140a4.htm>



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