



Immunization Program Update

Please distribute to each Physician, NP, PA and Vaccine Coordinator in your office

Subject: New Pneumococcal Polysaccharide Vaccine Recommendations

To: Family Practice, Internists, OB/GYN, Pediatrics, ER/Urgent Care, Infectious Disease, Occupational Health, Allergists, Pharmacists, ARNP's., PA's and Nursing Homes/Assisted Living Facilities

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The Advisory Committee on Immunization Practice (ACIP) recently reviewed risk information for invasive pneumococcal disease. New data suggest that cigarette smoking and asthma are independent risk factors for invasive pneumococcal disease among adults. Based on this information, new recommendations for vaccination against pneumococcal disease were published in the MMWR Recommended Adult Immunization Schedule for 2009.

New Recommendations for Pneumococcal Polysaccharide Vaccine (PPSV):

Vaccinate persons 19 – 64 years with a single dose of PPSV who:

- Have asthma
- Smoke cigarettes
- Are residents of nursing homes or long-term care facilities

For persons 2 years of age or older and who are immuno-compromised, have sickle cell disease, or have asplenia, the interval between the first and second dose of PPSV is now standardized at 5 years. Previously, the second dose was 5 years for some people and 3 years for others.

Resource:

Detailed Advisory Committee on Immunization Practices (ACIP) Recommendations:
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5753a6.htm?s_cid=mm5753a6_e

Pneumococcal Polysaccharide Vaccine (PPSV) – Who to vaccinate and revaccinate?

Immunocompetent Persons	
<i>Who needs pneumococcal (PPV 23) vaccine?</i>	<i>Who needs revaccination?</i>
Vaccinate all persons age 65 years and older <ul style="list-style-type: none"> Persons 65 and older with unknown PPSV vaccination status should receive one dose. 	Revaccination for healthy persons is <u>not</u> recommended. Revaccinate at age 65 or older only if: <ul style="list-style-type: none"> Received 1st dose under 65 years old <u>And</u> at least 5 years since previous dose
Vaccinate persons ages 2-64 years of age who have: <ul style="list-style-type: none"> Chronic cardiovascular disease (including congestive heart failure and cardiomyopathy), chronic pulmonary disease (including COPD and emphysema), diabetes mellitus, or are cochlear implant patients Chronic liver disease (including cirrhosis), are alcoholic, or have cerebrospinal fluid leaks. 	Revaccinate at age 65 or older only if: <ul style="list-style-type: none"> Received 1st dose under 65 years old <u>And</u> at least 5 years since previous dose
Vaccinate persons ages 2-64 years with: <ul style="list-style-type: none"> Functional or anatomic asplenia (including persons with sickle cell disease or splenectomy patients) 	A one time revaccination after 5 years is recommended
Vaccinate persons 19 – 64 years who: <ul style="list-style-type: none"> Smoke cigarettes Have asthma Are residents of nursing homes or long-term care facilities 	Revaccinate at age 65 or older only if: <ul style="list-style-type: none"> Received 1st dose under 65 years old <u>And</u> at least 5 years since previous dose
Immunocompromised Persons	
Vaccinate persons age 2 and older with: <ul style="list-style-type: none"> HIV infection, leukemia, lymphoma, Hodgkin's disease, multiple myeloma, generalized malignancy, chronic renal failure (including dialysis patients), or nephritic syndrome; those receiving immunosuppressive therapy (including long-term corticosteroids); those with organ or bone marrow transplant 	A one time revaccination after 5 years is recommended

Note: The primary reason to use PPSV is to prevent invasive pneumococcal disease, most commonly bacteremia and meningitis. PPSV has not been demonstrated to provide protection against pneumococcal pneumonia, and for this reason, CDC is advising health care practitioners to avoid referring to PPSV as a pneumonia vaccine.
