



2010 immunization schedules reflect updates on use of four vaccines

The immunization schedules for 2010 include updated recommendations for meningococcal, poliovirus and human papillomavirus (HPV) vaccines and a reference to the current recommendations for use of 2009 H1N1 influenza vaccine.

In January each year, updated schedules are published that include current recommendations for use of vaccines licensed by the Food and Drug Administration and approved by the American Academy of Pediatrics, the Advisory Committee on Immunization Practices (ACIP) of the Centers for Disease Control and Prevention (CDC) and the American Academy of Family Physicians.

Like last year, three schedules (pages 15-17) offer advice on immunization needs for children 0 to 6 years, 7-18 years and a “catch-up” schedule.

Here is a closer look at this year’s changes:

- A reference to ACIP’s recommendations for use of **2009 H1N1 influenza monovalent vaccine** is included in a footnote (*MMWR Recomm Rep.* 2009;58(RR-10):1-8).
- Revaccination with **meningococcal conjugate vaccine** (MCV4) is recommended for children who remain at increased risk for meningococcal disease. A dose of MCV4 should be administered after three years in at-risk children who received the initial MCV4 dose at ages 2 through 6 years and after five years if the first dose was given at age 7 years or older. Additional doses of MCV4 then are given every five years (*MMWR.* 2009;58:1042-1043).
- Recommendations on use of combination vaccines have been updated (the use of a combination vaccine generally is preferred over separate injections of its equivalent component vaccines).

- The final dose in the inactivated **poliovirus vaccine** series should be administered on or after the fourth birthday and at least six months following the previous dose. If four doses are administered before age 4 years, an additional (fifth) dose should be given at age 4 through 6 years (*MMWR.* 2009;58:829-830).
- Recommendations for use of the recently licensed bivalent **HPV vaccine** in females and the quadrivalent HPV in males are included.
- Most of the footnotes for the individual vaccines have been revised to clarify recommendations listed in the schedules.

Clinically significant adverse events that follow immunization should be reported to the Vaccine Adverse Event Reporting System (VAERS). To obtain a VAERS form, visit www.vaers.hhs.gov or call 800-822-7967.

ACIP statements with details of recommendations for individual vaccines, including recommendations for children with high-risk conditions, are available at www.cdc.gov/vaccines/pubs/ACIP-list.htm. Additional information can be found in the *2009 Red Book* and at Red Book Online, www.aapredbook.org.

Find information on new vaccine releases, vaccine supplies, interim recommendations resulting from vaccine shortages and statements on specific vaccines at www.aapredbook.org/news/vaccstatus.shtml and www.cdc.gov/vaccines/pubs/ACIP-list.htm. In addition, recommendations developed after release of these schedules for use of newly licensed vaccines or changes in recommendations for already licensed vaccines will be published in *AAP News* and *Pediatrics*, and also will be available at Red Book Online.