

EPI Update for Friday, February 7, 2014
Center for Acute Disease Epidemiology (CADE)
Iowa Department of Public Health (IDPH)

Items for this week's EPI Update include:

- **HIV testing update**
- **2014 Immunization Schedules**
- **Iowa Acute Disease Monthly Update**
- **Meeting announcements and training opportunities**

HIV testing update

The State Hygienic Laboratory (SHL) is now using the most recent CDC guidelines and algorithm regarding serum/plasma HIV testing. SHL offers the fourth generation immunoassay test which couples HIV-1/HIV-2 antibody tests detecting both IgG and IgM with the p24 antigen detection assay. The p24 antigen is detectable from 14 to 22 days after infection which is prior to HIV antibody being detectable, thus shortening the "window" in which a person could be infectious but still not be identified using only antibody testing.

A reactive specimen is then followed by a supplemental test that will differentiate antibodies to HIV-1 from HIV-2, and has the necessary specificity to limit false positives. The supplemental test is performed in a short period of time after initial screening which allows for both tests to be completed on the same day. If a specimen is negative or indeterminate for HIV-1 and HIV-2 antibodies on the supplemental test it will be sent out and tested for HIV-1 RNA.

For more information on the CDC recommendations, visit:

www.cdc.gov/mmwr/preview/mmwrhtml/mm6224a2.htm

2014 Immunization Schedules

The Advisory Committee on Immunization Practices (ACIP) 2014 immunization schedules have been published. The schedules summarize the most current recommendations for routine vaccines for children age 18 years and younger and adults age 19 years and older.

- The 2014 Childhood and Adolescent Immunization schedules are available at www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html. The immunization schedules for persons age birth through 18 years and the catch-up immunization schedule is approved by the ACIP, the American Academy of Pediatrics (AAP), and the American Academy of Family Physicians (AAFP).
- The 2014 Adult Immunization Schedule is available at www.cdc.gov/vaccines/schedules/hcp/adult.html. The adult immunization schedule is approved by the Advisory Committee on Immunization Practices, the American Academy of Family Physicians, the American College of Obstetricians and Gynecologists, the American College of Physicians, and the American College of Nurse-Midwives.

For questions on immunization recommendations, please contact the Iowa Immunization Program at (800)-831-6293, extension 2.

Iowa Acute Disease Monthly Update

The new issue of the Iowa Acute Disease Monthly Update is available by visiting www.idph.state.ia.us/cade/ and scrolling down to 'Reports.'

Meeting announcements and training opportunities

None

Have a healthy and happy week!

Center for Acute Disease Epidemiology
Iowa Department of Public Health
800-362-2736