

**Iowa Department of Public Health  
Division of Acute Disease Prevention & Emergency Response**

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**Vaccines for Children (VFC) Program  
DTaP/IPV - KINRIX Vaccine Summary  
August 29, 2008**

**Iowa Vaccines for Children Program Implementation**

Effective October 1, 2008, DTaP/IPV (KINRIX) vaccine will be available through the Iowa VFC Program.

**DTaP/IPV (KINRIX) Vaccine Recommendations**

**Food and Drug Administration (FDA)** - On June 24, 2008, the FDA approved KINRIX, the combination vaccine that includes DTaP/IPV. The FDA approved this vaccine for use in children 4 through 6 years of age.

**ACIP** - On June 26, 2008, the ACIP provisionally recommended KINRIX vaccine for the fifth dose in the DTaP series and the fourth dose in the IPV series in children 4 through 6 years of age whose previous DTaP vaccine doses have been with Infanrix and/or Pediarix. (Provisional recommendations are provided by the ACIP but have not been approved by the CDC or the Department of Health and Human Services and have not yet been published in the Morbidity and Mortality Weekly Report (MMWR). Recommendations become official when they are published in the MMWR.)

**VFC Resolution** - On June 26, 2008, the ACIP workgroup approved the KINRIX VFC resolution to include children 4 years through 6 years of age.

**Recommended Schedule for DTaP/IPV (KINRIX) Vaccine**

- Fifth dose in the DTaP vaccine series and the fourth dose in the IPV series in children 4 through 6 years of age whose previous DTaP vaccine doses have been with Infanrix and/or Pediarix.
- Administration/Route: Intramuscular (IM) injection
- 10 pack single dose vials or 5 X 1 prefilled syringes

**Minimum Age and Intervals for DTaP/IPV (KINRIX) Vaccine \***

Dosage Intervals for Vaccination for Diphtheria, Tetanus, and Pertussis Containing Vaccines					
Vaccine	Minimum Age	Minimum interval between doses			
		Dose 1 to 2	Dose 2 to 3	Dose 3 to 4	Dose 4 to 5
DTaP-IPV	4 years	NA	NA	NA	6 months

\*For any combination vaccine the antigen with the longest interval will dictate the vaccine spacing.

**Vaccine Storage and Handling**

- Store refrigerated at 2° - 8° C, 35° - 46° F
- Do not freeze.

**IDPH/Immunization Program Recommendations**

IDPH, Immunization Program routinely follows and promotes the Recommended Immunization Schedule. Therefore, the Immunization Program will implement the DTaP/IPV combination vaccine in accordance with the ACIP recommendations and the VFC resolution.

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**Vaccine Licensure / VFC Implementation**

The Advisory Committee on Immunization Practices (ACIP) provides advice and guidance regarding the most appropriate application of vaccines for effective vaccine preventable disease control. The Food and Drug Administration (FDA) is responsible for the licensure of vaccines. Upon FDA approval the ACIP convenes and makes decisions on vaccine recommendations. A VFC resolution vote is required for the inclusion of new vaccines into the VFC Program or the modification of existing resolutions. The Centers for Disease Control and Prevention (CDC) then negotiates a contract for the purchase of vaccines. VFC vaccine must be administered according to the guidelines outlined by the ACIP recommendations and VFC resolutions.

CDC allocates individual state VFC funding based upon eligible populations, anticipated vaccine uptake and negotiated federal contract amounts. CDC establishes monthly vaccine allocations for each vaccine. Additional 317 CDC discretionary funds are used to vaccinate underinsured individuals seen at Local Public Health Agencies (LPHAs) who are not eligible under VFC guidelines. Each state determines the vaccine implementation date based upon the above process which is generally four to six months following vaccine licensure.