

DTaP (Diphtheria, Tetanus, Pertussis) Vaccine

Use DTaP for children 6 weeks through 6 years of age

Schedule

- · Routinely administered at
 - 2, 4, 6, and 15-18* months of age
 - 4-6 years of age**
- *The 4th dose of DTaP vaccine can be given at 12 months of age if 6 months has elapsed since the 3rd dose

Catch-Up Schedule

- Minimum intervals between doses:
 - 4 weeks between dose 1 & 2
 - 4 weeks between dose 2 & 3
 - 6 months between dose 3 & 4 (and age 12 months or older)
 - 6 months between dose 4 & 5** (and age 4 years or older)

Vaccine Administration

- Intramuscular (IM) injection in the anterolateral thigh or deltoid of the arm
- 1-1.5 inch, 22-25 gauge needle
- Professional judgment is appropriate when selecting needle length
- · Can be given simultaneously with other vaccines

Storage and Handling

- Store in the refrigerator between 35°-46° F (2°-8°C)
- Do NOT freeze
- Keep in the original box
- Shake well before use



WOUND CARE

- If the wound is not clean and/or not minor & the child is ages 6 weeks through 6 years:
 - o Assure the child's DTaP series is up-to-date
 - Administer DTaP if a dose is needed

CONTRAINDICATIONS

- Allergic reaction to a previous dose of DTaP vaccine or a component of the vaccines
- Encephalopathy not due to another cause within 7 days after vaccination with a pertussis-containing vaccine

PRECAUTIONS

- Moderate or severe illness.
- Fever of 105°F or higher within 48 hours of vaccination with no identifiable cause
- Collapse or shock like state within 48 hours of vaccination
- Persistent inconsolable crying lasting more than 3 hours within 48 hours of vaccination
- Convulsions with or without fever within 3 days of a vaccination

FURTHER POINTS

- Ensure you are using the right vaccine for the right age!
- Different brands of DTaP vaccines can be used if the provider does not know or have the brand of DTaP used for prior doses.
- All doses in the series are needed to ensure protection. Use GRITS reminder/recall for children missing doses of DTaP vaccine
- When using combination vaccines containing DTaP vaccine follow the minimum age (6 weeks) and intervals for each antigen
- DTaP Vaccine Information Statement (VIS), can be found at http://www.immunize.org/vis/
- A multiple vaccine VIS, "Your Baby's First Vaccines", includes DTaP vaccine. It can be used when routine vaccines are given.
 - o It may be used for children through 6 years of age
 - o This VIS can be used when giving combination vaccines in which the vaccine components are listed on the VIS such as: Pediarix (DTaP-IPV-HepB), Pentacel (DTaP-IPV-Hib) or Kinrix (DTaP-IPV)
 - o Give all 4 pages and remember to check the boxes of the vaccines that are to be given
 - o The "Multiple Vaccine" VIS, can be found at http://www.immunize.org/vis/
- Children who have recovered from healthcare documented pertussis do not need additional doses of pediatric pertussis vaccine.

Refer to MMWR: "DTaP: Recommendation for Vaccine use and other Preventive Measures", 8/8/1991 www.cdc.gov/vaccines

Adapted from the Michigan Department of Community Health

^{**}A 5th dose is not necessary if the 4th dose was given at/after 4 years of age