

DTaP
Diphtheria, Tetanus, & Pertussis

Pathophysiology	<p>Diphtheria: Bacteria Respiratory transmission Incubation 2-5 days</p> <p>Tetanus: Bacteria Enters the body through a wound Incubation 3-21 days</p> <p>Pertussis: Bacteria Respiratory transmission Incubation 5-10 days</p>												
Vaccine Description	<p>Inactivated polysaccharide vaccine, containing diphtheria toxoid, tetanus toxoid & acellular pertussis.</p> <p>This vaccine is licensed for administration only to children 6 weeks through 6 years of age. If child is 7 years of age or older, only Td and Tdap vaccines should be administered. (See Td/Tdap section of this booklet)</p>												
Dose & Route	0.5 mL given IM												
Administration Schedule *Dose #4 may be administered at 12 months of age if separated by at least 6 months from Dose #3. Dose #4 does not need to be repeated if it has been inadvertently administered \geq 4 months after Dose #3. The #5 Booster Dose is not needed if Dose #4 is given on or after the 4 th birthday.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dose</th> <th style="text-align: left;">Recommended Age</th> </tr> </thead> <tbody> <tr> <td>1.....</td> <td>2 months</td> </tr> <tr> <td>2.....</td> <td>4 months</td> </tr> <tr> <td>3.....</td> <td>6 months</td> </tr> <tr> <td>4*</td> <td>15-18 months (1st booster dose)</td> </tr> <tr> <td>5*</td> <td>4-6 years (2nd booster dose)</td> </tr> </tbody> </table> <p>Booster doses:</p> <ul style="list-style-type: none"> • *15-18 months of age • *4-6 years of age • 11-12 years of age <ul style="list-style-type: none"> ○ Tdap vaccine should be given as a booster at 11-12 years of age. Tdap may be administered regardless of the interval since the last tetanus-and diphtheria-toxoid-containing vaccine. (See Td/Tdap section of this booklet) ○ A dose of Tdap or DTaP administered at 10 years of age may now be counted as the adolescent Tdap booster. ○ A dose of Tdap or DTaP administered at 7 through 9 years of age should not be counted as the adolescent dose, and Tdap should be administered at 11-12 years of age. ○ Two diphtheria, tetanus, and acellular pertussis vaccines (Tdap) are licensed: <ul style="list-style-type: none"> ○ Boostrix[™] for administration to persons 10 years of age and older ○ Adacel[™] for administration to persons 10-64 years of age • Every 10 years thereafter for life <ul style="list-style-type: none"> ○ Td or Tdap vaccine should be given every 10 years after the administration of Tdap at 11-12 years of age. (See Td/Tdap section of this booklet) 	Dose	Recommended Age	1.....	2 months	2.....	4 months	3.....	6 months	4*	15-18 months (1 st booster dose)	5*	4-6 years (2 nd booster dose)
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Contraindications	<ul style="list-style-type: none">• Anaphylactic reaction to any of the vaccine components.• Life threatening allergic reaction after a previous dose of DTaP or DT (Pediatric diphtheria and tetanus vaccine which is used in lieu of DTaP only if there is a contraindication to pertussis vaccine.)• Encephalopathy within 7 days of a previous dose not attributable to another identifiable cause
Precautions	<ul style="list-style-type: none">• Acute, moderate, or severe illness with or without fever. Immunize as soon as illness subsides.• Temperature of 105 degrees within 48 hours after a previous dose of DTP/DTaP Collapse or shock-like state within 48 hours after receiving a previous dose of DTP/DTaP• Persistent, inconsolable crying lasting >3 hours, occurring within 48 hours• Convulsions with or without fever occurring within 3 days
Special Situations	<ul style="list-style-type: none">• Wound management in children less than age 7 years with history of 3 or more doses of tetanus-toxoid-containing vaccine: for all wounds except clean and minor wounds, administer DTaP if more than 5 years since last dose of tetanus-toxoid-containing vaccine