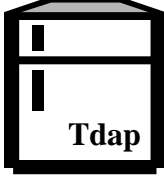


# Tdap (Tetanus, Diphtheria, Pertussis) Vaccine

<p><b>Tdap Vaccines:</b></p> <ul style="list-style-type: none"> <li>• Boostrix®: for persons aged 10 years and older<sup>1</sup></li> <li>• Adacel®: for persons aged 10 through 64 years<sup>1</sup></li> </ul> <p><b>Routine Indications for Use and Schedule:</b></p> <ul style="list-style-type: none"> <li>• Administer a <b>single dose</b> to: <ul style="list-style-type: none"> <li>- Adolescents at aged 11-12 years</li> <li>- Persons aged 13 years/older without a documented dose</li> <li>- Pregnant women during <u>every</u> pregnancy (see below)</li> </ul> </li> </ul> <p><b>Minimum interval<sup>2</sup>:</b></p> <ul style="list-style-type: none"> <li>• To ensure pertussis protection, administer a single Tdap dose regardless of the interval since last tetanus/diphtheria-containing vaccine (DTaP, Td)</li> </ul>	<p><b>Vaccine Administration</b></p> <ul style="list-style-type: none"> <li>• Intramuscular (IM) injection in the deltoid of the arm</li> <li>• 1-1.5 inch, 22-25 gauge needle</li> <li>• Use professional judgment when selecting needle length</li> <li>• Can be given simultaneously with other vaccines</li> </ul> <hr/> <p><b>Storage and Handling</b></p> <ul style="list-style-type: none"> <li>• Store in the refrigerator between 35°- 46° F (2°-8° C)</li> <li>• Do NOT freeze</li> <li>• Keep in the original box with lid on</li> <li>• Shake well before use</li> <li>• Store apart from similar vaccines (DTaP, Td)</li> </ul> <div style="text-align: right;">  </div>
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## SPECIAL SITUATIONS

### **Catch-up Recommendations for Children aged 7-10 Years**

- For children with an incomplete DTaP\*/Td series or who have an unknown history of DTaP/Td vaccination:
    - Give one dose of Tdap (preferably for the 1<sup>st</sup> dose, if more than one dose is needed)
    - Use Td vaccine for any additional doses (possibly 1-2) necessary to complete a primary series; Use appropriate minimum intervals
- \*A complete DTaP series is 5 doses or 4 doses with 1 dose at/after age 4 years that meet minimum age/interval requirements

### **Catch-Up Recommendation for Adolescents aged 13 Years and Older, including Health Care Personnel**

- Should be given a Tdap regardless of the interval since the last tetanus or diphtheria-containing vaccine
- 3 doses (primary series) of tetanus and diphtheria containing vaccine are needed before a booster dose is effective
- Tdap should be substituted for a single dose of Td in the catch-up series; Use Td for the other doses; Use appropriate minimum intervals

### **Recommendations for Persons with Close Contact to an Infant Less than Age 12 Months**

- Give Tdap as soon as feasible---at least 2 weeks before contact with infant (if no previous documented dose)

### **Recommendations for Pregnant Women (all ages)**

- Administer one dose of Tdap to pregnant women during every pregnancy; optimal timing is between 27 and 36 weeks gestation
  - Tdap may be given in any trimester, if indicated (i.e., wound management)
  - If Tdap was not administered prior to or during pregnancy, give Tdap dose immediately postpartum

### **Use of Tdap for Wound Care (for wounds that are not clean and/or not minor)**

- Do not miss an opportunity to provide pertussis protection---remember there is no minimum interval between Tdap and last Td
- For children aged 7-9 years, Tdap may be given in place of a Td vaccine for wound care if use of a pertussis-containing vaccine is also indicated (see catch-up recommendations for this age group)
- Administer Tdap to persons aged 10 years and older who:
  - Have not received any tetanus-containing vaccine in the last 5 years and
  - Have not received a previous dose of Tdap vaccine

### **Contraindications**

- Allergic reaction to a previous dose of DTaP/DT/Td 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
- History of Guillain-Barré Syndrome (GBS) within 6 weeks of a tetanus-containing vaccine
- Progressive neurological disorder until stabilized
- History of a severe arthus-type reaction after a previous dose of a tetanus or diphtheria containing vaccine including MCV4

### **Further Points**

- Tdap Vaccine Information Statement (VIS) including information about the Georgia Immunization Registry (GRITS) can be found at [dph.georgia.gov/immunization-section](http://dph.georgia.gov/immunization-section)

<sup>1</sup> In situations where Tdap is indicated, either Adacel or Boostrix may be used for persons aged 7-10 years. Boostrix should be used for persons aged 65 years and older; however, Adacel is recommended for use if Boostrix is not readily available.

<sup>2</sup> While longer intervals between Td (or DTaP) and Tdap vaccination may decrease the severity of local reactions (pain, redness, swelling), the benefits of protection against pertussis need to be considered and likely outweigh the potential risk of this adverse event.

Refer to MMWRs: "Updated Recommendations for Use of Tdap Vaccine from the ACIP, 2010", 1/14/11; additional recommendations for use of Td/Tdap in Adolescents and Adults available at [www.cdc.gov/vaccines](http://www.cdc.gov/vaccines)