

A Quick Look at Using Td (Tetanus, diphtheria) Vaccine

<p>Use Td for:</p> <ul style="list-style-type: none"> • Persons 7 years and older • Anyone who <u>has</u> previously received a Tdap vaccine • Person with a contraindication to pertussis vaccine <p>Schedule:</p> <ul style="list-style-type: none"> • Routine Schedule: Booster dose every 10 years 	<p>Vaccine Administration</p> <ul style="list-style-type: none"> • Intramuscular (IM) injection in the deltoid of the arm • 1-1.5 inch, 22-25 gauge needle • Use professional judgment when selecting needle length • Can be given simultaneously with other vaccines
<p>Catch-Up Schedule</p> <ul style="list-style-type: none"> • 3 doses (primary series) of tetanus & diphtheria-containing vaccine are needed before a booster dose is effective <ul style="list-style-type: none"> – Dose 1 to 2 4 weeks – Dose 2 to 3 varies* <p>*8 weeks if 1st dose given at less than 12 months of age *6 months if 1st dose given at 12 months of age and older</p>	<p>Storage and Handling</p> <ul style="list-style-type: none"> • Store in the refrigerator unit • Do NOT freeze • Keep in the original box with lid on • Shake well before use • Store apart from similar vaccines (DTaP, Tdap) <div style="border: 2px solid black; padding: 5px; text-align: center;"> <p>Td</p> <p>35°-46°F (2°-8°C)</p> </div>

NOTE ON TDAP

- Do not miss an opportunity to provide pertussis protection! Tdap is preferred over Td for persons aged 11 years & older and for children aged 7-10 years without a completed DTaP series, who have not received a previous dose
- There is **no minimum interval** needed between the last dose of Td and a Tdap dose

WOUND CARE

- Administer Td to persons with a wound that is not clean and/or not minor and it has been 5 years since the last dose of tetanus-containing vaccine if they are:
 - Aged 7-9 years (For children who did not complete an age-appropriate DTaP series, Tdap may be indicated)
 - Aged 10 years or older & have received a previous dose of Tdap vaccine
- If Tdap vaccine is indicated but not available, use Td vaccine
- Review “Tetanus Prophylaxis Guidelines”, posted at www.michigan.gov/immunize > Provider Information > Quick Looks

CONTRAINDICATIONS

- Allergic reaction to a previous dose of DTaP/DT/Tdap/Td vaccine or a component of the vaccine

PRECAUTIONS

- Moderate or severe illness
- History of Guillain-Barré Syndrome (GBS) within 6 weeks of a tetanus-containing vaccine
- History of a severe arthus-type reaction after a previous dose of a tetanus or diphtheria containing vaccine including MCV4

A WORD ABOUT PREGNANT WOMEN

- Administer one dose of Tdap to pregnant women during every pregnancy; optimal timing is between 27 and 36 weeks gestation
 - If indicated (i.e., wound management), Tdap may be given in any trimester of pregnancy
 - If unknown history or incomplete primary series, give Tdap in place of one Td dose; preferably between 27-36 weeks gestation
 - Refer to “Updated Recommendations for use of Tdap in Pregnant Women”, ACIP 2012, MMWR 2/22/13 at <http://www.cdc.gov/vaccines>

FURTHER POINTS

- Ensure you are using the right vaccine for the right age!
 - Refer to “A Quick Look at Using DTaP Vaccine” and “A Quick Look at Using Tdap Vaccine” for updated information on these vaccines at www.michigan.gov/immunize
- Because of waning immunity, it is critical that adults receive a booster dose of tetanus and diphtheria vaccine every 10 years to be protected. Assess the immunization status of patients at both acute and preventative health visits.
- Local reactions such as pain at the injection site, redness and swelling are common after a Td vaccination.
- Instruct patients/parents on comfort measures such as cool compresses, the use of over the counter pain medication such as acetaminophen or ibuprofen and exercising the arm. Aspirin is not recommended for children 18 years of age and younger.
- Td Vaccine Information Statement (VIS), including information about the Michigan Care Improvement Registry (MCIR), can be found at www.michigan.gov/immunize or your local health department.
- Document as “Td” in MCIR, on the vaccine administration record and the immunization record card.

Publicly purchased Td can be administered to eligible children 7 through 18 years of age through the Vaccines for Children (VFC) Program in private providers’ offices. Eligible children include those who are uninsured, underinsured, Medicaid eligible, Native American or Alaskan Natives. Contact your local health department for more information.

Refer to MMWRs: “Preventing Tetanus, Diphtheria, and Pertussis Among Adolescents: Use of Tetanus Toxoid, Reduced Diphtheria Toxoid and Acellular Pertussis Vaccines” March 24, 2006, “Preventing Tetanus, Diphtheria, and Pertussis Among Adults: Use of Tetanus Toxoid, Reduced Diphtheria Toxoid and Acellular Pertussis Vaccines” December 15, 2006, “Updated Recommendations for Use of Tdap Vaccine from the ACIP, 2010”, 1/14/11, “Updated Recommendations for Use of Tdap in Adults aged 65 Years & Older” 6/29/12 and other related MMWR updates are available at www.cdc.gov/vaccines.