# Tetanus, diphtheria, and acellular pertussis vaccine (Tdap) CDC recommendations- tabular CDSS rules (optimal)

Updated on 2024-05-02

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| **Vaccine** | **#** | **Age1** | **Age2** | **SpecialCondition** | **Immunization record** | | | **MedIndication1** | **MedIndication2** | **MedIndication3** | **Todo1** | **Todo2** | **Todo3** | **Todo4** | **Todo5** | **Note-display** | **Note** |
|  |  |  |  |  | **Y/N** | **Dose** | **Adm date** |  |  |  |  |  |  |  |  |  |  |
| **Tdap** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Minimal age 7 yrs (for catch up) 11 yrs (routine) |
| **Regular and catch-up schedule** | | | | | | | | | | | | | | | | | |
|  | 1 | >= 11 yrs | <= 12 yrs |  | N |  |  |  |  |  | Admin 1st dose Tdap | Schedule a booster dose of Td or Tdap every 10 yrs |  |  |  |  |  |
|  | 2 | >= 13 yrs | <= 18 yrs |  | N |  |  |  |  |  | Admin 1 dose Tdap | Td or Tdap booster every 10 yrs |  |  |  |  |  |
|  | 3 | >= 7 yrs | <= 18 yrs | Not fully vaccinated with DTaP (5 valid doses of DTaP or 4 valid doses of DTaP if dose 4 was administered >= 4yrs age) |  |  |  |  |  |  | 1 dose of Tdap | Use Td or Tdap for additional doses |  |  |  |  |  |
|  | 4 | >= 11 yrs | <= 12 yrs |  | Y | Tdap | At age 7-9 yrs |  |  |  | Routine Tdap dose |  |  |  |  |  |  |
|  | 5 | >= 11yrs | <= 12 yrs |  | Y | Tdap | At age of 10 yrs |  |  |  | No routine Tdap dose |  |  |  |  |  |  |
|  | 6 | >= 11 yrs | <= 12 yrs |  | Y | DTaP | At age of 7-9 yrs |  |  |  | Routine Tdap dose |  |  |  |  |  |  |
|  | 7 | < 19 yrs |  |  | Y | DTaP | At age 10-18 yrs |  |  |  | No routine Tdap dose |  |  |  |  |  | Count DTaP as the adolescent Tdap booster |
|  | 8 | >= 11 yrs |  |  |  |  |  |  |  |  | Tdap is preferred if no previous received or history is unknown |  |  |  |  |  |  |
|  | 9 | >19 yrs |  |  | N |  |  |  |  |  | Admin one dose of Tdap | Booster dose of Td or Tdap every 10 yrs |  |  |  |  |  |
| Special situations | | | | | | | | | | | | | | | | | |
|  | 10 | >= gestational weeks 27 | <= gestational weeks 36 | Pregnancy |  |  |  |  |  |  | Admin 1 dose Tdap |  |  |  |  |  | 1 dose of Tdap each pregnancy |
|  | 11 | >= 7 yrs | <11 yrs | Wound management | Y | >= 3 doses of tetanus-toxoid-containing vaccine |  | Clean or minor wounds |  |  | Admin Tdap or Td if last tetanus-toxoid-containing vaccine was administered >= 10 yrs |  |  |  |  |  |  |
|  | 12 | >= 11 yrs |  | Wound management | Y | >= 3 doses of tetanus-toxoid-containing vaccine |  | Clean or minor wounds |  |  | Admin Tdap if no previously administered or unknown (or Td or DTaP) if last tetanus-toxoid-containing vaccine was administered >= 10 yrs |  |  |  |  |  |  |
|  | 13 | >= 7 yrs | < 11 yrs | Wound management | Y | < 3 doses of tetanus-toxoid-containing vaccine |  | Clean or minor wounds |  |  | Admin Tdap and as part of catch-up series |  |  |  |  |  |  |
|  | 14 | >= 11 yrs |  | Wound management | Y | < 3 doses of tetanus-toxoid-containing vaccine |  | Clean or minor wounds |  |  | Admin Tdap if not previously administered (or Td or DTaP) |  |  |  |  |  |  |
|  | 15 | >= 7 yrs | < 11 yrs | Wound management | Y | >= 3 doses of tetanus-toxoid-containing vaccine |  | Not clean or minor wounds |  |  | Admin Tdap or Td if last tetanus-toxoid-containing vaccine was administered >= 5 yrs |  |  |  |  |  |  |
|  | 16 | >= 11 yrs |  | Wound management | Y | >= 3 doses of tetanus-toxoid-containing vaccine |  | Not clean or minor wounds |  |  | Admin Tdap if not previously administered (or Td) if last tetanus-toxoid-containing vaccine was administered >= 5 yrs |  |  |  |  |  |  |
|  | 17 | >= 7 yrs | < 11 yrs | Wound management | Y | < 3 dose of tetanus-toxoid-containing vaccine |  | Not clean or minor wounds |  |  | Admin Tdap and TIG |  |  |  |  |  |  |
|  | 18 | >= 11 yrs |  | Wound management | Y | < 3 dose of tetanus-toxoid-containing vaccine |  | Not clean or minor wounds |  |  | Admin Tdap if not previously administered (or Td) and TIG |  |  |  |  |  |  |
| Contraindications and precautions | | | | | | | | | | | | | | | | | |
|  | 19 |  |  |  |  |  |  | Severe allergic reaction (e.g.,anaphylaxis) after a previous dose or to a vaccine component |  |  | Do not administer |  |  |  |  |  | Contraindication |
|  | 20 |  |  |  |  |  |  | For Tdap only: Encephalopathy (e.g., coma, decreased level of consciousness, prolonged seizures) not attributable to another identifiable cause within 7 days of administration of previous dose of DTP, DTaP or Tdap |  |  | Do not administer |  |  |  |  |  | Contraindication |
|  | 21 |  |  |  |  |  |  | Guillain-Barre syndrome (GBS) within 6 wks after a previous dose of tetanus-toxoid-containing vaccine |  |  | Administer only if benefits outweigh risks of adverse reactions |  |  |  |  |  | Precaution |
|  | 22 |  |  |  |  |  |  | History of Arthus-type hypersensitivity reaction after a previous dose of diphtheria-toxoid-containing or tetanus-toxoid-containing vaccine; defer vaccination until at least 10 yrs have elapsed since the last tetanus-toxoid-containing vaccine |  |  | Administer only if benefits outweigh risks of adverse reactions |  |  |  |  |  | Precaution |
|  | 23 |  |  |  |  |  |  | For Tdap only: progressive or unstable neurological disorders, uncontrolled seizures, or progressive encephalopathy until a treatment regimen has been established and the condition has stabilized |  |  | Administer only if benefits outweigh risks of adverse reactions |  |  |  |  |  | Precaution |
|  | 24 |  |  |  |  |  |  | Moderate or severe acute illness with or without fever |  |  | Administer only if benefits outweigh risks of adverse reactions |  |  |  |  |  | Precaution |
| Td (Tetanus, diphtheria), Tdap (Tetanus, diphtheria, and acellular pertussis) | | | | | | | | | | | | | | | | | |
|  | 25 | >= 7yrs | <= 18 yrs | The first dose of DTap/DT was administered before the 1 yr birthday | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 4 wks from now | Schedule 3rd dose >= 4 wks from 2nd dose | Schedule 4th dose >= 6 mon from 3rd dose |  |  |  |
|  | 26 | >= 7yrs | <= 18 yrs | The first dose of DTap/DT or Tdap/Td was administered at or after the 1 yr birthday | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 4 wks from now | Schedule 3rd dose >= 6 mon from 2nd dose |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |