# Diphtheria, tetanus, and acellular pertussis vaccine (DTaP) CDC recommendations- tabular CDSS rules (optimal)

Updated on 2024-04-25

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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** |  |  |  |  |  |  |  |  |  |  |
| **DTaP** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Minimal age 6 wks, max < 7 yrs |
| **Regular and catch-up schedule** | | | | | | | | | | | | | | | | | |
|  | 1 | =2 mon |  |  | N |  |  |  |  |  | Admin 1st dose |  |  |  |  |  |  |
|  | 2 | = 4 mon |  |  | Y | 1 | At 2 mon age |  |  |  | Admin 2nd dose |  |  |  |  |  |  |
|  | 3 | =6 mon |  |  | Y | 2 | At 2 and 4 mon age |  |  |  | Admin 3rd dose |  |  |  |  |  |  |
|  | 4 | >= 15 mon | <= 18 mon |  | Y | 3 | At 2, 4, 6 mon age |  |  |  | Admin 4th dose |  |  |  |  |  |  |
|  | 5 | >= 4 yrs | <= 6 yrs |  | Y | 4 | At 2, 4, 6, 15-18 mon age |  |  |  | Admin 5th dose |  |  |  |  |  |  |
|  | 6 | >= 6 wks | <= 6 yrs |  | N |  |  |  |  |  | Admin 1st dose | Schedule 2nd dose >= 4 wks from now |  |  |  |  |  |
|  | 7 | >= 6 wks | <= 6 yrs |  | Y | 1 | At age of >= 6 wks |  |  |  | Admin 2nd dose if >= 4 wks from prior dose | Schedule 3rd dose >= 4 wks from now |  |  |  |  |  |
|  | 8 | >= 6 wks | <= 6 yrs |  | Y | 2 | At age of >= 6 wks and >= 10 wks |  |  |  | Admin 3rd dose if >= 4 wks from prior dose | Schedule 4th dose >= 6 mon from now AND age >= 12 mon |  |  |  |  |  |
|  | 9 | >= 6 wks | <= 6 yrs |  | Y | 3 | At age of >= 6, 10, 14 wks |  |  |  | Admin 4th dose if age >= 1 yrs AND interval >= 6 mon from prior dose | Schedule 5th dose >= 6 mon from 4th dose if (4th dose was administered < 4 yrs age OR interval < 6 mon between 3rd and 4th dose) |  |  |  |  |  |
|  | 10 | >= 6 wks | <= 6 yrs |  | Y | 4 | At age of >= 6, 10, 14, 52 wks |  |  |  | Admin 5th dose if (4th dose was administered < 4 yrs age OR interval < 6 mon from 3rd dose) |  |  |  |  |  |  |
|  | 11 | >= 11 yrs | <= 18 yrs |  |  |  |  |  |  |  | Administer a single dose of Tdap, preferred at a preventive care site, at age of 11-12 yrs |  |  |  |  | Booster dose of TD every 10 years throughout lifetime |  |
| **Special situations-wound management** | | | | | | | | | | | | | | | | | |
|  | 12 | <7 yrs |  | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Clean or minor wounds |  |  | Do not administer |  |  |  |  |  |  |
|  | 13 | >= 7 yrs | < 11 yrs | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Clean or minor wound |  |  | Administer Td or Tdap if the last dose of tetanus-toxoid-containing vaccine was administered >= 10 yrs |  |  |  |  |  |  |
|  | 14 | >= 11 yrs |  | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Clean or minor wounds |  |  | Admin Tdap if not received previously (or Td or DTaP) if ≥10 years since the last tetanus toxoid–containing vaccine dose |  |  |  |  |  |  |
|  | 15 | <7 yrs |  | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Not clean or minor wound |  |  | Do not administer if the last dose of tetanus-toxoid-containing vaccine was administered < 5 yrs |  |  |  |  |  |  |
|  | 16 | <7 yrs |  | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Not clean or minor wound |  |  | Administer DTaP if the last dose of tetanus-toxoid-containing vaccine was administered >= 5 yrs |  |  |  |  |  |  |
|  | 17 | >= 7 yrs | <11 yrs | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Not clean or minor wound |  |  | Administer Tdap or Td or DTaP if the last dose of tetanus-toxoid-containing vaccine was administered >= 5 yrs |  |  |  |  |  |  |
|  | 18 | >=11 yrs |  | Wound management | Y | >=3 (tetanus-toxoid-containing vaccine) |  | Not clean or minor wound |  |  | Administer Tdap if not received previously (or Td or DTaP) if the last dose of tetanus-toxoid-containing vaccine was administered >= 5 yrs |  |  |  |  |  |  |
|  | 19 | < 7 yrs |  | Wound management | Y or unknown | < 3 (doses of adsorbed tetanus toxoid–containing vaccines) |  | Clean or minor wound |  |  | Administer DTap |  |  |  |  |  |  |
|  | 20 | >= 7 yrs | <= 11 yrs | Wound management | Y | With incomplete vaccine for DTP |  | Clean or minor wound |  |  | Administer Tdap for wound management and as part of catch up dose |  |  |  |  |  |  |
|  | 21 | >11 yrs |  | Wound management | Y or unknown | < 3 (doses of adsorbed tetanus toxoid–containing vaccines) |  | Clean or minor wound |  |  | Administer Tdap (or Td, or DTaP) if not received Tdap previously |  |  |  |  |  |  |
|  | 22 | < 7 yrs |  | Wound management | Y or unknown | < 3 (doses of adsorbed tetanus toxoid–containing vaccines) |  | Not clean or minor wound |  |  | Administer DTap and TIG (tetanus immune globulin) |  |  |  |  |  |  |
|  | 23 | >= 7 yrs | <= 11 yrs | Wound management | Y | Incomplete vaccine for DTP |  | Not clean or minor wound |  |  | Administer Tdap for wound management and as part of catch up dose AND TIG |  |  |  |  |  |  |
|  | 24 | >11 yrs |  | Wound management | Y or unknown | < 3 (doses of adsorbed tetanus toxoid–containing vaccines) |  | Not clean or minor wound |  |  | Administer Tdap (or Td or DTaP) if not received Tdap previously and TIG (tetanus immune globulin) |  |  |  |  |  |  |
| TIG (tetanus immune globulin) | 25 |  |  | Wound management |  |  |  | Not clean or minor wound | Persons with HIV infection or severe immunodeficiency |  | Administer TIG regardless of their history of  tetanus immunization |  |  |  |  |  |  |
| **Contraindications and precautions** | | | | | | | | | | | | | | | | | |
|  | 26 |  |  |  |  |  |  | Severe allergic reaction (e.g., anaphylaxis) after a previous dose or to a vaccine component |  |  | **Do not administer** |  |  |  |  |  | Contraindication |
|  | 27 |  |  |  |  |  |  | For DTaP 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 or DTaP |  |  | **Do not administer** |  |  |  |  |  | Contraindication |
|  | 28 |  |  |  |  |  |  | Guillain-Barre syndrome (GBS) within 6 wks after previous dose of tetanus-toxoid-containing vaccine |  |  | Administer only if benefits outweigh risks of adverse reaction |  |  |  |  |  | Precaution |
|  | 29 |  |  |  |  |  |  | History of Arthus-type hypersensitivity reactions after a previous dose of diphtheria-toxoid-containing or tetanus-toxoid-containing vaccine; defer vaccination until at least 10 years have elapsed since the last tetanus-toxoid-containing vaccine |  |  | Administer only if benefits outweigh risks of adverse reaction |  |  |  |  |  | Precaution |
|  | 30 |  |  |  |  |  |  | For DTaP only: progressive neurologic disorder, including infantile spasms, uncontrolled epilepsy, progressive encephalopathy; defer DTaP until neurologic status clarified and stabilized |  |  | Administer only if benefits outweigh risks of adverse reaction |  |  |  |  |  | Precaution |
|  | 31 |  |  |  |  |  |  | Moderate or severe acute illness with or without fever |  |  | Administer only if benefits outweigh risks of adverse reaction |  |  |  |  |  | Precaution |
| Kinrix or Quadracel---minimum age 4 yrs | | | | | | | | | | | | | | | | | |
| total number of doses of vaccines containing diphtheria and tetanus toxoids (e.g., DTaP, DT, and DTP) received should not exceed 6 doses before the seventh birthday | | | | | | | | | | | | | | | | | |
| aged 2 months–6 years. If Tdap is administered inadvertently instead of DTaP as any one of the first 3 doses, the Tdap dose should not be counted as valid, and a replacement dose of DTaP should be administered as soon as feasible at any interval after the inadvertent Tdap dose. The remaining doses of the DTaP series should be administered on the routine schedule, with | | | | | | | | | | | | | | | | | |
| If Tdap is administered inadvertently as the fourth or the fifth dose, the Tdap dose should be counted as valid and does not need to be repeated; the child who received Tdap as a fourth dose should complete the pediatric DTaP schedule. The adolescent Tdap dose should be administered as recommended when this child is aged 11–12 years. | | | | | | | | | | | | | | | | | |
| Contraindications to pertussis vaccination: For children aged <7 years with a contraindication to pertussis vaccination, DT should be used instead of DTaP to complete an age appropriate series. Schedule of D | | | | | | | | | | | | | | | | | |