

Appendix C Vaccines and Toxoids

GENERIC NAME	TRADE NAME	USES	DOSAGE AND ROUTES	CONTRAINDICATIONS
anthrax vaccine	BioThrax	Pre-/postexposure prophylaxis	Preexposure Adult: SUBCUT 0.5 mL at 0, 2, 4 wk, then 0.5 mL at 6, 12, 18 mo Postexposure Adult: SUBCUT 0.5 mL 0, 2, 4 wk, with antibiotics	Hypersensitivity
BCG vaccine	TICE BCG	TB exposure	Adult and child ≥ 1 mo: 0.2-0.3 mL Child < 1 mo: Reduce dose by 50% using 2 mL of sterile water after reconstituting	Hypersensitivity, hypogammaglobulinemia, positive TB test, burns
dengue tetravalent vaccine, live	Dengvaxia	Prevention of dengue disease	Child 9-16 yr SUBCUT 0.5 mL \times 3 doses, 6 mo apart at mo 1, 6, 12	Hypersensitivity
diphtheria and tetanus toxoids, adsorbed	Tenivac	Induces antitoxins to provide immunity to diphtheria and tetanus	Adult and child ≥ 7 yr: IM (adult strength) 0.5 mL q4-8wk \times 2 doses, then 3rd dose 6-12 mo after 2nd dose, booster IM 0.5 mL q10yr Child 1-6 yr: IM (pediatric strength) 0.5 mL q4wk \times 2 doses, booster 6-12 mo after 2nd dose Infant 6 wk-1 yr: IM (pediatric strength) 0.5 mL q4wk \times 3 doses, booster 6-12 mo after 3rd dose	Hypersensitivity to mercury, thimerosal; immunocompromised patients; radiation; corticosteroids; acute illness
diphtheria and tetanus toxoids and whole-cell pertussis vaccine (DTP, DTP)	DTwP, Tr-Immunol	Prevention of diphtheria, tetanus, pertussis	Doses vary Check product information	Hypersensitivity, active infection, poliomyelitis outbreak, immunosuppression, febrile illness
diphtheria and tetanus toxoids and acellular pertussis vaccine	Adacel, Boostrix, Daptacel, Infanrix	Prevention of diphtheria, tetanus, pertussis	Doses vary Check product information	Hypersensitivity, active infection, poliomyelitis outbreak, immunosuppression, febrile illness
diphtheria, tetanus, pertussis, haemophilus, polio IPV	Pentacel	Immunity to diphtheria, tetanus, pertussis, haemophilus, polio IPV	Infant > 6 wk and child ≤ 5 yr: IM 0.5 mL at 2, 4, 6, and 15-18 mo	Hypersensitivity, polio outbreak, acute infection, immunosuppression
diphtheria, tetanus, pertussis, polio vaccine IPV	Kinrix, Quadracel	Immunity to diphtheria, tetanus, pertussis, polio vaccine IPV	Child: IM 0.5 mL	Hypersensitivity, polio outbreak, acute infection, immunosuppression

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