

| IMPORTANT CLINICAL FEATURES OF VACCINES (page 1 of 2) | | | | For DoD + ACIP policies, pkg inserts, go to www.vaccines.mil | | 20-Jun-06 | |
|---|--------------------------|-------------|--|---|--|-----------|--|
| Vaccine Name | Trade Name (Distributor) | Viability | Route, Typical Dose | Intervals Between Doses (or Standard Ages) | Package(s) | Store | Primary Uses. See joint imz regulation/instruction |
| Anthrax vaccine adsorbed | BioThrax (Emergent) | Inactivated | SC over deltoid: 0.5 ml | 6 doses. Intervals +14d +14d +5mon +6mon +6mon, + annual boosters. | 10-dose vial | 2-8°C | Deployment to high-threat area; biodefense role |
| Hepatitis A and hepatitis B vaccine | TwinRix (GSK) | Inactivated | IM: 1 ml | When both hepatitis A and hepatitis B vaccines indicated. | 720 EIU/20 mcg/1 ml syringe | 2-8°C | If both hep A and hep B vaccines are needed |
| Hepatitis A vaccine | Havrix (GSK) | Inactivated | IM: Adults--1 ml, 1-18 y/o--0.5 ml | Adults: 1 dose. Children: 2 doses 30 days apart. Boost 6-12 mon later. | Adult: 1440 u vial or syr; Ped: 720 u vial or syr | 2-8°C | Travel other than developed countries, all troops |
| Hepatitis A vaccine | Vaqta (Merck) | Inactivated | IM: Adults--1 ml, 1-18 y/o--0.5 ml | Adults: 1 dose. Children: 2 doses 30 days apart. Boost 6-18 mon later. | Adult: 50 u vial or syr; Ped: 25 u vial or syr | 2-8°C | |
| Hepatitis B vaccine | Engerix-B (GSK) | Inactivated | IM: Various | 3 doses. Infants: Birth-2 mon, then 1-4 mon + 6-18 mon later. Others: intervals of 30 and 150 days. | 20 mcg/ml: 0.5-, 1-ml syr, 0.5-, 1-, 10-ml vials | 2-8°C | Medical/dental workers, military accessions, mortuary affairs, search & rescue, correctional-facility staff, designated spec-opns forces. See reg/instruction. |
| Hepatitis B vaccine | Recombivax-HB (Merck) | Inactivated | IM: Various | 3 doses. Infants: Birth-2 mon, then 1-4 mon + 6-18 mon later. Others: intervals of 30 and 150 days. | 10 or 40 mcg/ml vial or syringe | 2-8°C | |
| Human papillomavirus vaccine 6/11/16/18 | Gardasil (Merck) | Inactivated | IM: 0.5 ml | 3 doses, intervals: +2mon, +4mon | 1-dose vial, 1-dose syringe | 2-8°C | Females 9 to 26 y/o only |
| Influenza A&B vaccine (live attenuated virus) | FluMist (MedImmune) | Live | Nasal: 0.25 ml each nostril. Repeat if 5-8 y/o | 1 dose. Give 2 doses 28+ d apart if 5 to 8 y/o and first vaccination. | 0.5-ml sprayer. May refrigerate up to 24 h | -15°C | FluMist: 5 to 49 y/o only |
| Influenza A&B vaccine (split virus) | Fluarix (GSK) | Inactivated | IM: 0.5 ml. If 6-35 mon, 0.25 ml | 1 dose. Give 2 doses 28+ d apart if < 8 y/o and first vaccination. | 1-dose syringe, 10-, 50-dose vials | 2-8°C | Influenza vaccine generally: >=65 y/o, chronic heart or lung disease, diabetes, all troops, people who want to avoid influenza |
| Influenza A&B vaccine (split virus) | Fluvirin (Chiron) | Inactivated | IM: 0.5 ml. If 6-35 mon, 0.25 ml | 1 dose. Give 2 doses 28+ d apart if < 8 y/o and first vaccination. | 1-dose syringe, 10-dose vial | 2-8°C | |
| Influenza A&B vaccine (split virus) | Fluzone (SP) | Inactivated | IM: 0.5 ml. If 6-35 mon, 0.25 ml | 1 dose. Give 2 doses 28+ d apart if < 8 y/o and first vaccination. | 1-dose syringe, 10-, 50-dose vials | 2-8°C | |
| Japanese encephalitis vaccine | JE-Vax (SP) | Inactivated | SC: 1 ml. If < 3 y/o, 0.5 ml | 3 doses, intervals: +7d and +23d. Then boost after 24-36 months. | 1-, 10-dose vial+diluent. Discard 8 h after recon | 2-8°C | Travel to rural Asia > 30d. N Okinawa. Not for Korea. |
| Measles vaccine; Mumps vaccine; Rubella vaccine | M-M-R II (Merck) | Live | SC: 0.5 ml | 2 doses, @ 12-18 mon old and 4-6 y/o | 1-, 10-dose vial+diluent. Discard 8 h after recon | 2-8°C | Children. Military accessions. Civilian healthcare workers. |
| Meningococcal conjugate vaccine, groups A, C, Y, and W-135 | Menactra (SP) | Inactivated | IM: 0.5 ml | 1 dose | 1-dose vial | 2-8°C | Menactra: Adolescents. |
| Meningococcal polysaccharide vaccine, groups A, C, Y, and W-135 | Menomune (SP) | Inactivated | SC: 0.5 ml | 1 dose | 1-dose vial+dil (discard 24h after recon), 10-dose vial+dil (discard 10 d after) | 2-8°C | Either brand: Military basic training, sub-Saharan Africa, college freshmen, asplenia |
| Pneumococcal 23-valent polysaccharide vaccine | Pneumovax-23 (Merck) | Inactivated | IM or SC: 0.5 ml | 1 dose; give 1 extra dose to people at high risk after 5 years. | 1-, 5-dose vial; 1-dose syringe | 2-8°C | >=65 y/o, chronic heart or lung disease, diabetes, asplenia |
| Poliovirus vaccine inactivated trivalent | Ipol (SP) | Inactivated | IM or SC: 0.5 ml | 4 doses, @ 2, 4, 6-18 months old and 4-6 y/o | Ten 0.5 ml syringes or 10-dose vial | 2-8°C | Children. Military accessions. Civilian travel to Africa, Asia |

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| Rabies vaccine (Human diploid cell) | Imovax Rabies (SP) | Inactivated | IM: 1 ml | Postexp: days 0, 3, 7, 14, 28. Preexp: days 0, 7, 21-28. | 1 ml IM package. Use promptly after recon | 2-8°C | Veterinary, animal handlers. Post-exposure |
| Rabies vaccine (Purified chick embryo cell) | RabAvert (Chiron) | Inactivated | IM: 1 ml | Postexp: days 0, 3, 7, 14, 28. Preexp: days 0, 7, 21-28. | 1 ml IM package. Use promptly after recon | 2-8°C | |
| Smallpox (vaccinia) vaccine | Dryvax (Wyeth) | Live | 3 jabs primary, 15 jabs revax | 1 dose, boost after 10 years | 100-dose vials. Discard 90 d after recon | 2-8°C | Deployment to high-threat area; biodefense role |
| Tetanus toxoid; Diphtheria toxoid (Td) | Decavac (SP) | Inactivated | IM: 0.5 ml | After basic series, 11-16 y/o, and every 10 years. | 10-dose vial | 2-8°C | All adults, although Tdap preferred |
| Tetanus toxoid; Diphtheria toxoid; acellular Pertussis vaccine (Tdap) | Adacel (SP) | Inactivated | IM: 0.5 ml | 1 dose | 1-dose vial | 2-8°C | Adolescents, all adults. Follow CDC wound-management guidelines. |
| Tetanus toxoid; Diphtheria toxoid; acellular Pertussis vaccine (Tdap) | Boostrix (GSK) | Inactivated | IM: 0.5 ml | 1 dose | 1-dose vial; 1-dose syringe | 2-8°C | |

IMPORTANT CLINICAL FEATURES OF VACCINES (page 2 of 2) For DoD + ACIP policies, pkg inserts, go to www.vaccines.mil 20-Jun-06

| Vaccine Name | Trade Name (Distributor) | Viability | Route, Typical Dose | Intervals Between Doses (or Standard Ages) | Package(s) | Store | Stability |
|--|--------------------------|-------------|---------------------|--|---|-------|--|
| Typhoid vaccine (live oral) | Vivotif (Berna) | Live | Oral: 1 capsule x 4 | 1 capsule every other day, four total; then boost every 5 years. | Foil blister package of four capsules | 2-8°C | Travel other than developed countries |
| Typhoid Vi vaccine | Typhim Vi (SP) | Inactivated | IM: 0.5 ml | 1 dose, then boost every 2 years. | 1-dose syringe, 20-dose vial | 2-8°C | |
| Varicella vaccine | Varivax (Merck) | Live | SC: 0.5 ml | 1 dose at 1-12 y/o; > 12 y/o, give 2 doses 4-8 wks apart | 1-dose vial+diluent. Discard 30 min after recon | -15°C | Children, adults who never contracted chickenpox |
| Yellow fever vaccine | YF-Vax (SP) | Live | SC: 0.5 ml | 1 dose, boost every 10 years | 1-, 5-dose vial+diluent. Discard 1 h after recon | 2-8°C | Travel to endemic areas |
| Zoster vaccine | Zostavax (Merck) | Live | SC: 0.65 ml | 1 dose | 1-dose vial+diluent. Discard 30 min after recon | -15°C | >= 60 y/o |
| <i>The following products are used primarily for pediatric patients...</i> | | | | | | | |
| Diphtheria toxoid; Tetanus toxoid; Acellular pertussis vaccine (DTaP) | Daptacel (SP) | Inactivated | IM: 0.5 ml | 5 doses, @ 2, 4, 6, 12-18 mon old, and 4-6 yrs | 1-dose vial | 2-8°C | Children |
| Diphtheria toxoid; Tetanus toxoid; Acellular pertussis vaccine (DTaP) | Infanrix (GSK) | Inactivated | IM: 0.5 ml | 5 doses, @ 2, 4, 6, 12-18 mon old, and 4-6 yrs | 1-dose vial | 2-8°C | |
| Diphtheria toxoid; Tetanus toxoid; Acellular pertussis vaccine (DTaP) | Tripedia (SP) | Inactivated | IM: 0.5 ml | 5 doses, @ 2, 4, 6, 12-18 mon old, and 4-6 yrs | 1-dose vial | 2-8°C | |
| Diphtheria toxoid; Tetanus toxoid; Acellular pertussis vaccine; Haemophilus influenzae type b conjugate vaccine (DTaP-Hib) | TriHIBiT (SP) | Inactivated | IM: 0.5 ml | When both DTP and Hib vaccines indicated. | 7.5 ml vial of DTaP + 10 ActHib vials. Discard 30 min after recon | 2-8°C | Children who need DTaP and Hib vaccines |

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|--|-----------------------------|------------------|--|--|---|--------------|--|
| Diphtheria toxoid; Tetanus toxoid; Acellular pertussis, hepatitis B, inactivated poliovirus vaccine | Pediarix (GSK) | Inactivated | IM: 0.5 ml | 2, 4, 6 mon old | 1-dose vial or syringe | 2-8°C | Children who need DTaP, hep B, and IPV vaccines |
| <i>Haemophilus influenzae</i> type b conjugate vaccine (Hib) | ActHib (SP) | Inactivated | IM: 0.5 ml | 2, 4, 6, 15-18 mon old; adults: single dose. | 1-dose vial. Discard 30 min after recon | 2-8°C | Children, people without spleens |
| <i>Haemophilus influenzae</i> type b conjugate vaccine (Hib) | HibTITER (Wyeth) | Inactivated | IM: 0.5 ml | 2, 4, 6, 15-18 mon old; adults: single dose. | 1-, 5-, 10-dose vial | 2-8°C | |
| <i>Haemophilus influenzae</i> type b conjugate vaccine (Hib) | PedvaxHIB (Merck) | Inactivated | IM: 0.5 ml | 2, 4, 12-15 mon old; adults: single dose. | 1-dose vial | 2-8°C | |
| <i>Haemophilus influenzae</i> type b conjugate vaccine; Hepatitis B vaccine | Comvax (Merck) | Inactivated | IM: 0.5 ml | When both Hib and Hep B vaccines indicated. | 1-dose vial | 2-8°C | Children who need Hib and hepatitis B vaccines |
| Measles vaccine; Mumps vaccine; Rubella vaccine; Varicella vaccine | ProQuad (Merck) | Live | SC: 0.5 ml | 12-18 mon old and 4-6 y/o | 1-dose vial+diluent. Discard 30 min after recon | -15°C | Children who need MMR and varicella vaccines |
| Pneumococcal 7-valent conjugate vaccine | Prevnar (Wyeth) | Inactivated | IM: 0.5 ml | 2, 4, 6, 12-15 mon old. Older children get fewer doses | 1-dose vial | 2-8°C | Children |
| Rotavirus vaccine | RotaTeq (Merck) | Live | Oral: 2 ml | 3 doses 4 to 10 weeks apart, starting at 6 to 12 weeks of age | 1-dose container. Use promptly | 2-8°C | Children 6 to 32 weeks old only |
| Diagnostic Test Reagent | Name | Viability | Route, Dose | Who to test... | Package(s) | Store | Comment |
| Purified protein derivative (PPD) of tuberculin | Aplisol (Parke dale / King) | Inactivated | ID: 0.1 ml (5 tuberculin units) | Contacts of active TB cases. If MD refers based on clinical suspicion. Before + after deploying. Healthcare workers based on local contact risk. | 10-dose vial | 2-8°C | Few people need annual testing. Consult infection-control expert regarding local risk. |
| Purified protein derivative (PPD) of tuberculin | Tubersol (SP) | Inactivated | ID: 0.1 ml (5 tuberculin units) | | 10-dose vial | 2-8°C | |
| Take advantage of Immunization University, www.vaccines.mil/ImzU | GSK - GlaxoSmithKline | | See resources at www.vaccines.mil | | 877-GET-VACC | | Do your part to maintain the cold chain! Record temps! |
| | SP - Sanofi Pasteur | | Quality Improvement Tool: www.vaccines.mil/CQIP | | | | |