

Resistance and Immunity to Disease

Recommended Immunization Schedule*

Disease

Age

| | Birth | 1 mo. | 2 mos. | 4 mos. | 6 mos. | 12 mos. | 15 mos. | 18 mos. | 4–6 yrs. | 11–12 yrs. | 14–16 yrs. | Adult |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------|------------------------------|-----------------------|---------|-----------------------|-----------------------|--------------------------------------------------|------------|------------|-------|
| Hepatitis B (HBV) | HBV-1 | | | | | | | | | | | A, C |
| | | HBV-2 (1 month after #1) | | HBV-3 (5 months after #2) | | | | | HBV-1, 2, 3 (those not previously vaccinated) | | | |
| Diphtheria, Tetanus, Pertussis (DTaP or DTP) | | | DTaP-1 or DTP-1 | DTaP-2 or DTP-2 | DTaP-3 or DTP-3 | | DTaP-4 or DTP-4 | DTaP-5 or DTP-5 | B, Td booster every 10 years | | | |
| Hemophilus Influenza type B (HIB) | | | HIB-1 | HIB-2 | HIB-3 | HIB-4 | | | | | | |
| Polio | | | Polio-1 | Polio-2 | | Polio-3 | | Polio-4 | | | | C |
| Measles, Mumps, Rubella (MMR) | | | | | | MMR-1 | | MMR-2 | MMR-2 (if not at age 4–6) | | | C, D |
| Varicella (chicken pox) (Var) | | | | | | Var-1 | | | Var-1 (if not done earlier) | | | C, E |
| Influenza (flu shot) | Yearly. Those 65 years or older. Health-care workers and other high-risk people. Those 2 years or older with chronic health conditions such as asthma, heart disease, and diabetes. Consult physician. Contraindicated if allergic to eggs. | | | | | | | | | | | |
| Pneumococcal pneumonia | One time or again after 5 years for people at highest risk. Those 65 years or older. Those 2 years or older with chronic health conditions, on the advice of physician. Those living in special environments and social settings, such as the Native American populations. Consult physician. | | | | | | | | | | | |
| Hepatitis A | Two doses: #2, 6 months after #1. Those 2 years or older for certain international travel (see “C” below). People with chronic liver disease or those at high risk for Hepatitis A. Consult physician. | | | | | | | | | | | |
| | <p>A Health-care and public safety workers and other high-risk people. Consult physician.</p> <p>B A booster dose after 5 years may be needed for wound management. Consult physician.</p> <p>C Certain international travel. Consult physician or local health department.</p> <p>D Two doses at least 4 weeks apart. Consult physician. Adults born in 1957 or later should receive at least 1 dose if no proof of immunity. High-risk adults (college students, health-care workers, and so on). Contraindicated if pregnant or possibility of pregnancy within 3 months.</p> <p>E Two doses at least 4–8 weeks apart. All susceptible adults and high-risk people (health-care workers, teachers of young children, day-care workers, and so on). Those with reliable histories of chicken pox can be assumed to be immune. Contraindicated if pregnant or possibility of pregnancy within 1 month.</p> | | | | | | | | | | | |

*Immunizations should not be postponed because of minor illnesses.