

Table 1. Guide to Contraindications and Precautions to Commonly Used Vaccines in Adults

Vaccine	Contraindications	Precautions ¹
Tetanus, diphtheria, pertussis (Tdap) Tetanus, diphtheria (Td)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 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/Tdap 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever Guillain-Barré syndrome (GBS) within 6 weeks after a previous dose of tetanus toxoid-containing vaccine History of Arthus-type hypersensitivity reactions following a previous dose of tetanus toxoid-containing vaccine: defer vaccination until at least 10 years have elapsed since the last tetanus toxoid-containing vaccine. For Tdap only: Progressive or unstable neurological disorder, uncontrolled seizures, or progressive encephalopathy until a treatment regimen has been established and the condition has stabilized
Human papilloma-virus (HPV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever Pregnancy
Measles, mumps, rubella (MMR)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component Pregnancy Known severe immunodeficiency (e.g., hematologic and solid tumors; receiving chemotherapy; congenital immunodeficiency; long-term immunosuppressive therapy²; or patients with HIV infection who are severely immunocompromised) 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever Recent (within 11 months) receipt of antibody-containing blood product (specific interval depends on product)³ History of thrombocytopenia or thrombocytopenic purpura
Varicella (Var)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component Substantial suppression of cellular immunity³ Pregnancy 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever Recent (within 11 months) receipt of antibody-containing blood product (specific interval depends on product)³
Influenza, injectable trivalent (TIV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever History of GBS within 6 wks of previous influenza vaccine
Influenza, live attenuated (LAIV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component Pregnancy Known severe immunodeficiency (e.g., hematologic and solid tumors; receiving chemotherapy; congenital immunodeficiency; long-term immunosuppressive therapy²; or patients with HIV infection who are severely immunocompromised) Certain chronic medical conditions³ 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever History of GBS within 6 wks of previous influenza vaccine
Pneumococcal polysaccharide (PPSV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever
Hepatitis A (HepA)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever Pregnancy
Hepatitis B (HepB)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever
Meningococcal, conjugate (MCV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever History of GBS (if not at high risk for meningococcal disease)³
Meningococcal, polysaccharide (MPSV)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever
Zoster (Zos)	<ul style="list-style-type: none"> Severe allergic reaction (e.g., anaphylaxis) after a previous vaccine dose or to a vaccine component Substantial suppression of cellular immunity³ Pregnancy 	<ul style="list-style-type: none"> Moderate or severe acute illness with or without fever

1. Events or conditions listed as precautions should be reviewed carefully. Benefits of and risks for administering a specific vaccine to a person under these circumstances should be considered. If the risk from the vaccine is believed to outweigh the benefit, the vaccine should not be administered. If the benefit of vaccination is believed to outweigh the risk, the vaccine should be administered.

2. Substantially immunosuppressive steroid dose is considered to be 2 weeks or more of daily receipt of 20 mg or more (or 2 mg/kg body weight or more) of prednisone or equivalent.

3. For details of recommendations of CDC's Advisory Committee on Immunization Practices (ACIP), go to www.cdc.gov/vaccines/pubs/acip-list.htm.

Adapted from "Table 5. Contraindications and Precautions to Commonly Used Vaccines" found in: CDC. "General Recommendations on Immunization: Recommendations of the Advisory Committee on Immunization Practices." *MMWR* 2006; 55(No. RR-15).