

Inactivated Influenza Vaccine

Note: In the past inactivated influenza vaccine was abbreviated as TIV (trivalent influenza vaccine), but since quadrivalent influenza vaccines are now available the abbreviation was changed to IIV (inactivated influenza vaccine). Trivalent inactivated influenza vaccine is abbreviated as IIV3 and quadrivalent inactivated influenza vaccine as IIV4.

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| Vaccine Description | <ul style="list-style-type: none"> • Brands: <ul style="list-style-type: none"> • Quadrivalent: Afluria® (IIV4), Fluarix® (IIV4), FluBlok (IIV4), Flucelvax® (ccIIV4), FluLaval® (IIV4), Fluzone® (IIV4) [Fluzone® comes in Northern & Southern Hemisphere formulations] • Cell Cultured-Based: Flucelvax® (ccIIV4) • High Dose: Fluzone® High-Dose (HD-IIV4) • Adjuvanted: Fluad® (allV4) • Recombinant: FluBlok® (RIV4) • Some brands contain egg protein or thimerosal*. Additionally, the tip cap and the rubber plunger of the needleless prefilled syringes may contain latex (see package insert). <p>*Thimerosal content varies. Preservative-free formulations are available.</p> | |
| Dose & Route | <ul style="list-style-type: none"> • Dose: 0.5 mL • Route: IM given over the deltoid. | |
| Indications | <ul style="list-style-type: none"> • All persons aged 6 months and older who do not have a contraindication should receive the age-appropriate formulation of inactivated influenza vaccine (IIV) or recombinant influenza vaccine (RIV). (Note: healthy, non-pregnant persons 2 through 49 years of age without high risk health conditions can receive IIV or LAIV*) • Pregnant women and women who might become pregnant in the upcoming influenza season should receive IIV • ACIP now recommends that adults aged 65 years and older preferentially receive HD-IIV4, RIV4, or allV4; if these are unavailable, any age-appropriate flu vaccine should be administered. <p>*Live Attenuated Influenza Vaccine - It is important to review CDC/ACIP guidelines for LAIV use before each flu season.</p> | |
| Administration Schedule by route | Dose | Recommended Interval |
| Adults IM | 0.5 mL <i>(0.7mL in adults 65 and older)</i> | Annually in the fall <i>(Southern Hemisphere vaccine given April-Sept.)</i> |

Inactivated Influenza Vaccine (continued)

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| Contraindications | <ul style="list-style-type: none"> Do not give influenza vaccine to an adult who has experienced a serious systemic or anaphylactic reaction to a prior dose of the vaccine or to any of its components (for a list of vaccine components, refer to the manufacturer's package insert https://health.mil/packageinserts or go to https://www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/b/excipient-table-2.pdf) |
| Precautions | <ul style="list-style-type: none"> Moderate or severe acute illness with or without fever History of Guillain-Barré syndrome within 6 weeks of a previous influenza vaccination |
| Special Considerations | <ul style="list-style-type: none"> Immunization providers should check FDA-approved seasonal influenza vaccines prescribing information for the most up-to-date information, including (but not limited to) indications, warnings, contraindications, and precautions. Package inserts are available at https://health.mil/fluresourcecenter. For those assigned to an area designated as a Southern Hemisphere influenza zone April through September, the Southern Hemisphere formulation of Fluzone may be used. Afluria® is licensed for administration by jet injector for persons aged 18 through 64 years only. Once the stopper of the multi-dose vial has been pierced, the vial must be discarded either at the expiration date on the vial or within 28 days — see the package insert for specific guidance. Fluad® includes an adjuvant. It is important to review CDC/ACIP guidelines for LAIV use before each flu season Vaccines may be less effective in immunocompromised persons. ACIP recommends that all persons ages ≥6 months with egg allergy should receive influenza vaccine. Any influenza vaccine (egg based or non-egg based) that is otherwise appropriate for the recipients age and health status can be used. See Storage and Handling Section |
| <p>VIS: http://www.cdc.gov/vaccines/hcp/vis/vis-statements/flu.html Additional education may be found at www.health.mil/flu</p> | |

FACTOID: Influenza (the flu) is a contagious respiratory illness caused by influenza viruses. Some people, such as people 65 years and older, young children, and people with certain health conditions, are at higher risk of serious flu complications.

Source: <https://www.cdc.gov/flu/about/index.html>