

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) • Trivalent: Fluzone® High-Dose (IIV3), Fluad® (IIV3) • Adjuvanted: Fluad® (IIV3) • 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. IM precautions: hemophilia, anticoagulation therapy, and thrombocytopenia. | |
| 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 • Adults 65 years of older may receive a traditional influenza vaccine, Fluzone® High-Dose, or Fluad®. There is no preference for one vaccine over another among the recommended, approved injectable influenza vaccines. <p>*Live Attenuated Influenza Vaccine - During the 2016-2017 and 2017-2018 seasons, LAIV was not recommended for use by CDC/ACIP. 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 | Annually in the fall |

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) • See special considerations for information regarding egg allergy. |
| 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/packageinserts. • 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. • Adults with a history of egg allergy who have experienced only hives can receive any flu vaccine (IIV) appropriate for the recipient's age. Adults with more serious allergic reactions to egg, may also receive any flu vaccine (IIV) appropriate for the recipient's age if administered by healthcare provider familiar with possible reactions and treatment and if observed for at least 30 minutes following vaccine administration. • 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. It can cause mild to severe illness, and at times can lead to death.

Source:

<http://www.cdc.gov/flu/about/disease/index.htm>