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2. Influenza virus vaccine, inactivated

Influenza virus vaccine (injection)

Generic name: influenza virus vaccine (injection) [*IN-floo-EN-za-VYE-rus-VAK-seen*]

Brand names: Afluria 2024-2025, Fluad PF Prefilled Syringe 2024-2025, Fluarix PF Prefilled Syringe 2024-2025, Flublok PF Prefilled Syringe 2024-2025, Flucelvax 2024-2025, ... [show all 264 brands](#)

Dosage forms: intramuscular solution (recombinant hemagglutinin quadrivalent; recombinant hemagglutinin trivalent preservative-free), ... [show all 2 dosage forms](#)

Drug class: [Viral vaccines](#)



[Medically reviewed](#) by Drugs.com on Aug 13, 2024. Written by [Cerner Multum](#).

[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#) [FAQ](#)

What is influenza virus vaccine?

Influenza virus ("the flu") is a contagious disease caused by a virus that can spread from one person to another through the air or on surfaces. Flu symptoms include [fever](#), chills, tiredness, aches, [sore throat](#), [cough](#), [vomiting](#), and [diarrhea](#). The flu can also cause sinus infections, ear infections, [bronchitis](#), or serious complications such as [pneumonia](#).

Influenza virus vaccine is for use in adults and children to prevent [infection](#) caused by influenza virus. This vaccine helps your body develop immunity to the disease, but will not treat an active infection you already have.

The injectable influenza virus vaccine (flu shot) is made from "killed viruses." **This medication guide addresses only the injectable form of this vaccine.**

Like any vaccine, influenza virus vaccine may not provide protection from disease in every person.

Influenza virus vaccine side effects

Get emergency medical help if you have **signs of an allergic reaction**: hives, difficult breathing, swelling of your face, lips, tongue, or throat.

Keep track of any and all side effects you have. If you receive an this vaccine in the future, you may need to tell the vaccination provider if the previous shot caused any side effects.

Influenza virus vaccine is made from "killed viruses" and will not cause you to become ill with the flu virus. You may have flu-like symptoms at any time during flu season that may be caused by other strains of influenza virus.

Influenza virus vaccine may cause serious side effects. Call your doctor at once if you have:

- a light-headed feeling, like you might pass out; or
- **nervous system problems**--numbness, pain, tingling, weakness, burning or prickly feeling, vision or hearing

problems, trouble breathing.

Common side effects of influenza virus vaccine may include:

- pain, redness, tenderness, swelling, bruising, or a hard lump where the shot was given;
- diarrhea, loss of appetite;
- [muscle pain](#);
- [headache](#), tiredness; or
- fussiness, crying, or [drowsiness](#) in a child.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report vaccine side effects to the US Department of Health and Human Services at 1-800-822-7967.

 [Influenza virus vaccine, inactivated side effects](#) (more detail)

Related/similar drugs

Tamiflu

Tamiflu is an antiviral medication used to treat flu symptoms caused by influenza. Learn about side ...

Reviews & ratings

5.9 / 10

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Xofluza (baloxavir marboxil) is used for the treatment and post-exposure prophylaxis of influenza ...

Reviews & ratings

7.5 / 10

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Afluria

Afluria is a vaccine used to prevent infection caused by influenza virus. Learn about side effects ...

Reviews & ratings

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Fluad

Fluad (influenza vaccine) is used to prevent influenza. Includes Fluad side effects, interactions ...

Reviews & ratings

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Warnings

Influenza virus vaccine is made from "killed viruses" and will not cause you to become ill with the flu virus.

Before taking this medicine

You may not receive this vaccine if you are allergic to eggs, or if you have ever had a severe allergic reaction to a flu vaccine.

Tell your vaccination provider if you have:

- fever;
- fainted after receiving an injection;

- a weak immune system (caused by disease or by using certain medicine); or
- a history of [Guillain-Barre syndrome](#) (within 6 weeks after receiving a flu vaccine).

Tell your vaccination provider if you are pregnant or breastfeeding.

How is this vaccine given?

Follow your doctor's instructions or the schedule recommended by your local health department.

Your vaccination provider, pharmacist, or doctor can recommend the best influenza virus vaccine for your age.

This vaccine is given as an injection (shot) into a muscle.

Since the influenza virus vaccine is redeveloped each year for specific strains of influenza, you should receive a flu vaccine every year.

i [Detailed Influenza virus vaccine, inactivated dosage information](#)

What happens if I miss a dose?

Be sure to receive all recommended doses of this vaccine or you may not be fully protected against disease.

What happens if I overdose?

An overdose of this vaccine is unlikely to occur.

What should I avoid before or after receiving this vaccine?

Follow your vaccination provider's instructions about any restrictions on food, beverages, or activity.

What other drugs will affect influenza virus vaccine?

Before receiving this vaccine, tell your vaccination provider about all other vaccines you have recently received.

Other drugs may affect influenza virus vaccine, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Tell your doctor about all other medicines you use.

i [Influenza virus vaccine, inactivated drug interactions](#) (more detail)

Does influenza virus vaccine, inactivated interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

influenza virus vaccine, inactivated

+

Enter a drug name

Add

Popular FAQ

How and where is a flu shot injection given?



What flu vaccine can I use with an egg allergy?



How well does the flu vaccine work?



Where can I get the flu vaccine right now?



How can I get a flu vaccine without a needle?



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Patient resources

- [Influenza virus vaccine advanced reading](#)
- [Influenza virus vaccine recombinant \(Advanced Reading\)](#)
- [Influenza virus vaccine, adjuvanted \(Advanced Reading\)](#)
- [Influenza Virus Vaccine \(Inactivated\)](#)

Other brands

[Fluzone](#), [Afluria](#), [Fluad](#), [Flucelvax Quadrivalent](#), ... +18 more

Professional resources

- [Influenza Vaccine Inactivated monograph](#)
- [Influenza Vaccine Recombinant \(AHFS Monograph\)](#)

- [Fluzone Southern Hemisphere \(FDA\)](#)

Other brands

[Flucelvax](#), [Afluria](#), [Fluarix](#), [Fluad](#), ... +11 more

Related treatment guides

- [Influenza Prophylaxis](#)

Further information

- Your vaccination provider, pharmacist, or doctor can provide more information about this vaccine. Additional information is available from your local health department or the Centers for Disease Control and Prevention.

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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DRUG STATUS

Availability

Rx Prescription only

[Pregnancy & Lactation](#)

 Risk data available

CSA Schedule*

N/A Not a controlled drug



User Reviews & Ratings

3.3 / 10

[76 Reviews](#)

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