



Vaccines & Immunizations

CDC > Vaccines and Immunizations Home > Basics and Common Questions

Home Vaccines and Immunizations Home

For Parents

For Adults

For Pregnant Women

For Healthcare Professionals

COVID-19 Vaccination +

COVID-19 Vaccine Data Systems

Vaccinate with Confidence

For Immunization Managers

Basics and Common Questions

Immunization: The Basics

What's in Vaccines

Immunity Types

Possible Side effects from Vaccines

Vaccines and Preventable Diseases

How Vaccines are Developed and Approved for Use

Content Syndication

Communication Resources

News and Media Resources +

Possible Side effects from Vaccines

[Print](#)

Any vaccine can cause side effects. For the most part these are minor (for example, a sore arm or low-grade fever) and go away within a few days. Listed below are vaccines licensed in the United States and side effects that have been associated with each of them. This information is copied directly from [CDC's Vaccine Information Statements \(VISs\)](#), which in turn are derived from the [Advisory Committee on Immunization Practices \(ACIP\) recommendations](#) for each vaccine.

Remember, vaccines are continually monitored for [safety](#), and like any medication, vaccines can cause side effects. However, a decision not to immunize a child also involves risk and could put the child and others who come into contact with him or her at risk of contracting a potentially deadly disease.

On This Page

[Regularly Recommended Vaccines](#)

[Travel & Special Circumstance Vaccines](#)

Regularly Recommended Vaccines

VISs [en español](#) [other languages](#)

[DTaP vaccine side effects \(Diphtheria, Tetanus, and acellular Pertussis\)](#)

[Hepatitis A vaccine side effects](#)

[Hepatitis B vaccine side effects](#)

[Hib vaccine side effects](#)

[HPV-Gardasil-9 vaccine side effects \(Human Papillomavirus Gardasil-9 vaccine\)](#)

[Influenza \(inactivated\) vaccine side effects](#)

[Influenza \(live\) vaccine side effects](#)

[MMR vaccine side effects \(Measles, Mumps, and Rubella\)](#)

What are the risks from MMR vaccine?

- Sore arm from the injection or redness where the shot is given, fever, and a mild rash can happen after MMR vaccination.
- Swelling of the glands in the cheeks or neck or temporary pain and stiffness in the joints (mostly in teenage or adult women) sometimes occur after MMR vaccination.
- More serious reactions happen rarely. These can include seizures (often associated with fever) or temporary low platelet count that can cause unusual bleeding or bruising.
- In people with serious immune system problems, this vaccine may cause an infection that may be life-threatening. People with serious immune system problems should not get MMR vaccine.

People sometimes faint after medical procedures, including vaccination. Tell your provider if you feel dizzy or have vision changes or ringing in the ears.

As with any medicine, there is a very remote chance of a vaccine causing a severe allergic reaction, other serious injury, or death.

This information is based on the [MMR VIS](#).

[MMRV vaccine side effects \(Measles, Mumps, Rubella, and Varicella\)](#)

[Meningococcal ACWY vaccine side effects](#)

[Meningococcal B vaccine side effects](#)

[PCV vaccine side effects \(Pneumococcal Conjugate Vaccine\)](#)

[PPSV23 vaccine side effects \(Pneumococcal Polysaccharide\)](#)

[Polio vaccine side effects](#)

[Rabies vaccine side effects](#)

[Rotavirus vaccine side effects](#)

[Td vaccine \(Adult Tetanus & Diphtheria\)](#)

[Tdap vaccine \(Combined Tetanus, Diphtheria & Pertussis\)](#)

[Varicella \(Chickenpox\) vaccine side effects](#)

[Yellow Fever vaccine side effects](#)

[Zoster \(Shingles\) Vaccine, RZV side effects](#)

Travel & Special Circumstance Vaccines

[Adenovirus vaccine side effects](#)

[Anthrax vaccine side effects](#)

[Cholera vaccine side effects](#)

[JE-IXIARO vaccine side effects \(Japanese Encephalitis - IXIARO\)](#)

[Smallpox \(Vaccinia\) vaccine side effects](#)

[Typhoid vaccine side effects](#)

Related Pages

[Report a suspected side effect](#)

[For Parents: Vaccine Side Effects/Risks](#)

Last Reviewed: April 2, 2020

Source: National Center for Immunization and Respiratory Diseases

