

HEPATITIS A

General Information

What is hepatitis?

“Hepatitis” means inflammation of the liver. The liver is a vital organ that processes nutrients, filters the blood, and fights infections. When the liver is inflamed or damaged, its function can be affected.

Hepatitis is most often caused by a virus. In the United States, the most common types of viral hepatitis are Hepatitis A, Hepatitis B, and Hepatitis C. Heavy alcohol use, toxins, some medications, and certain medical conditions can also cause hepatitis.

What is Hepatitis A?

Hepatitis A is a highly contagious liver infection caused by the Hepatitis A virus. It can range in severity from a mild illness lasting a few weeks to a severe illness lasting several months.

Who is at risk?

Although anyone can get Hepatitis A, some people are at greater risk, such as those who:

- Travel to or live in countries where Hepatitis A is common
- Use recreational drugs, whether injected or not
- Have sexual contact with someone who has Hepatitis A
- Have clotting-factor disorders, such as hemophilia
- Are men who have sexual encounters with other men
- Are household members or caregivers of a person infected with Hepatitis A

How common is Hepatitis A?

Hepatitis A still occurs in the United States, although not as frequently as it once did. Over the last several decades, there has been more than a 90% decrease in Hepatitis A cases. New cases are now estimated to be around 3,000 each year. Many experts believe this decline is a result of the vaccination of children and people at risk for Hepatitis A. Many of the new cases, however, are from American travelers who got infected while traveling to parts of the world where Hepatitis A is common.



Hepatitis A can be prevented with a safe and effective vaccine.

How is Hepatitis A spread?

Hepatitis A is usually spread when a person ingests fecal matter—even in microscopic amounts—from contact with objects, food, or drinks contaminated by feces or stool from an infected person.

Hepatitis A can be spread when:

- An infected person does not wash his/her hands properly after going to the bathroom and then touches objects or food
- A caregiver does not properly wash his or her hands after changing diapers or cleaning up the stool of an infected person
- Someone engages in sexual activities with an infected person

Hepatitis A also can be spread through contaminated food or water. Contamination of food can happen at any point: growing, harvesting, processing, handling, and even after cooking. This most often occurs in countries where Hepatitis A is common.

Continued on next page



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What are the symptoms of Hepatitis A?

Not everyone has symptoms. If symptoms develop, they usually appear 2 to 6 weeks after infection and can include:

- Fever
- Vomiting
- Grey-colored stools
- Fatigue
- Abdominal pain
- Joint pain
- Loss of appetite
- Dark urine
- Jaundice
- Nausea

Symptoms are more likely to occur in adults than in children. They usually last less than 2 months, although some people can be ill for as long as 6 months.



People can spread Hepatitis A even if they don't look or feel sick. Many children and some adults have no symptoms.

How is Hepatitis A diagnosed and treated?

A doctor can determine if a person has Hepatitis A by discussing his or her symptoms and taking a blood sample. To treat Hepatitis A, doctors usually recommend rest, adequate nutrition, fluids, and medical monitoring. Some people will need to be hospitalized. It can take a few months before people begin to feel better.

How serious is Hepatitis A?

Most people who get Hepatitis A feel sick for several months, but they usually recover completely and do not have lasting liver damage. Sometimes Hepatitis A can cause liver failure and death, although this is rare and occurs more commonly in people older than 50 and people with other liver diseases.

Can Hepatitis A be prevented?

Yes. The best way to prevent Hepatitis A is by getting vaccinated. Experts recommend the vaccine for all children, and people with certain risk factors and medical conditions. The vaccine is also recommended for travelers to certain international countries, even if travel occurs for short times or on closed resorts. The Hepatitis A vaccine is safe and effective and given as 2 shots, 6 months apart. Both shots are needed for long-term protection. Ask if your health plan will cover travel related vaccines. You can get vaccinated at your doctor's office, as well as travel clinics and other locations. Lower cost vaccination may be available at certain pharmacies and your local health department.

Who should get vaccinated against Hepatitis A?

Vaccination is recommended for certain groups, including:

- All children at age 1 year
- Travelers to countries where Hepatitis A is common
- Family and caregivers of adoptees from countries where Hepatitis A is common
- Men who have sexual encounters with other men
- Users of recreational drugs, whether injected or not
- People with chronic or long-term liver disease, including Hepatitis B or Hepatitis C
- People with clotting-factor disorders

For more information

Talk to your health professional, call your health department, or visit www.cdc.gov/hepatitis or www.cdc.gov/travel.

Hepatitis A Vaccine

What You Need to Know

Many Vaccine Information Statements are available in Spanish and other languages. See www.immunize.org/vis

Hojas de información sobre vacunas están disponibles en español y en muchos otros idiomas. Visite www.immunize.org/vis

1 Why get vaccinated?

Hepatitis A is a serious liver disease. It is caused by the hepatitis A virus (HAV). HAV is spread from person to person through contact with the feces (stool) of people who are infected, which can easily happen if someone does not wash his or her hands properly. You can also get hepatitis A from food, water, or objects contaminated with HAV.

Symptoms of hepatitis A can include:

- fever, fatigue, loss of appetite, nausea, vomiting, and/or joint pain
- severe stomach pains and diarrhea (mainly in children), or
- jaundice (yellow skin or eyes, dark urine, clay-colored bowel movements).

These symptoms usually appear 2 to 6 weeks after exposure and usually last less than 2 months, although some people can be ill for as long as 6 months. If you have hepatitis A you may be too ill to work.

Children often do not have symptoms, but most adults do. You can spread HAV without having symptoms.

Hepatitis A can cause liver failure and death, although this is rare and occurs more commonly in persons 50 years of age or older and persons with other liver diseases, such as hepatitis B or C.

Hepatitis A vaccine can prevent hepatitis A. Hepatitis A vaccines were recommended in the United States beginning in 1996. Since then, the number of cases reported each year in the U.S. has dropped from around 31,000 cases to fewer than 1,500 cases.

2 Hepatitis A vaccine

Hepatitis A vaccine is an inactivated (killed) vaccine. You will need **2 doses** for long-lasting protection. These doses should be given at least 6 months apart.

Children are routinely vaccinated between their first and second birthdays (12 through 23 months of age). Older children and adolescents can get the vaccine after 23 months. Adults who have not been vaccinated previously and want to be protected against hepatitis A can also get the vaccine.

You should get hepatitis A vaccine if you:

- are traveling to countries where hepatitis A is common,
- are a man who has sex with other men,
- use illegal drugs,
- have a chronic liver disease such as hepatitis B or hepatitis C,
- are being treated with clotting-factor concentrates,
- work with hepatitis A-infected animals or in a hepatitis A research laboratory, or
- expect to have close personal contact with an international adoptee from a country where hepatitis A is common

Ask your healthcare provider if you want more information about any of these groups.

There are no known risks to getting hepatitis A vaccine at the same time as other vaccines.

3 Some people should not get this vaccine

Tell the person who is giving you the vaccine:

- **If you have any severe, life-threatening allergies.** If you ever had a life-threatening allergic reaction after a dose of hepatitis A vaccine, or have a severe allergy to any part of this vaccine, you may be advised not to get vaccinated. Ask your health care provider if you want information about vaccine components.
- **If you are not feeling well.** If you have a mild illness, such as a cold, you can probably get the vaccine today. If you are moderately or severely ill, you should probably wait until you recover. Your doctor can advise you.



4 Risks of a vaccine reaction

With any medicine, including vaccines, there is a chance of side effects. These are usually mild and go away on their own, but serious reactions are also possible.

Most people who get hepatitis A vaccine do not have any problems with it.

Minor problems following hepatitis A vaccine include:

- soreness or redness where the shot was given
- low-grade fever
- headache
- tiredness

If these problems occur, they usually begin soon after the shot and last 1 or 2 days.

Your doctor can tell you more about these reactions.

Other problems that could happen after this vaccine:

- People sometimes faint after a medical procedure, including vaccination. Sitting or lying down for about 15 minutes can help prevent fainting, and injuries caused by a fall. Tell your provider if you feel dizzy, or have vision changes or ringing in the ears.
- Some people get shoulder pain that can be more severe and longer lasting than the more routine soreness that can follow injections. This happens very rarely.
- Any medication can cause a severe allergic reaction. Such reactions from a vaccine are very rare, estimated at about 1 in a million doses, and would happen within a few minutes to a few hours after the vaccination.

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

The safety of vaccines is always being monitored. For more information, visit: www.cdc.gov/vaccinesafety/

5 What if there is a serious problem?

What should I look for?

- Look for anything that concerns you, such as signs of a severe allergic reaction, very high fever, or unusual behavior.

Signs of a **severe allergic reaction** can include hives, swelling of the face and throat, difficulty breathing, a fast heartbeat, dizziness, and weakness. These would start a few minutes to a few hours after the vaccination.

What should I do?

- If you think it is a **severe allergic reaction** or other emergency that can't wait, call 9-1-1 or get to the nearest hospital. Otherwise, call your clinic.

Afterward, the reaction should be reported to the Vaccine Adverse Event Reporting System (VAERS). Your doctor should file this report, or you can do it yourself through the VAERS web site at www.vaers.hhs.gov, or by calling **1-800-822-7967**.

VAERS does not give medical advice.

6 The National Vaccine Injury Compensation Program

The National Vaccine Injury Compensation Program (VICP) is a federal program that was created to compensate people who may have been injured by certain vaccines.

Persons who believe they may have been injured by a vaccine can learn about the program and about filing a claim by calling **1-800-338-2382** or visiting the VICP website at www.hrsa.gov/vaccinecompensation. There is a time limit to file a claim for compensation.

7 How can I learn more?

- Ask your healthcare provider. He or she can give you the vaccine package insert or suggest other sources of information.
- Call your local or state health department.
- Contact the Centers for Disease Control and Prevention (CDC):
 - Call **1-800-232-4636 (1-800-CDC-INFO)** or
 - Visit CDC's website at www.cdc.gov/vaccines

Vaccine Information Statement
Hepatitis A Vaccine

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