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Hepatitis

Hepatitis is swelling and inflammation of the liver.

Causes

Hepatitis can be caused by:

- Immune cells in the body attacking the liver (autoimmune hepatitis)
- Infections from viruses (such as hepatitis A, hepatitis B, or hepatitis C), bacteria, or parasites
- Liver damage from alcohol or poison
- Medicines, such as an overdose of acetaminophen
- Fatty liver

Liver disease can also be caused by inherited disorders such as cystic fibrosis or hemochromatosis, a condition that involves having too much iron in your body.

Other causes include Wilson disease, a disorder in which the body retains too much copper and ingestion of toxic mushrooms.

Symptoms

Hepatitis may start and get better quickly. It may also become a long-term condition. In some cases, hepatitis may lead to liver damage, liver failure, cirrhosis, liver cancer or even death.

There are several factors that can affect how severe the condition is. These may include the cause of the liver damage and any illnesses you have. Hepatitis A, for example, is most often short-term and does not lead to chronic liver problems.

The symptoms of hepatitis include:

- Pain or bloating in the belly area
- Dark urine and pale or clay-colored stools
- Fatigue
- Low grade fever
- Itching

- Jaundice (yellowing of the skin or eyes)
- Loss of appetite
- Nausea and vomiting
- Weight loss

You may not have symptoms when first infected with hepatitis B or C. You can still develop liver failure later. If you have any risk factors for either type of hepatitis, ask your health care provider whether you should be tested for them.

Exams and Tests

You will have a physical exam to look for:

- Enlarged and tender liver
- Fluid in the abdomen (ascites)
- Yellowing of the skin

You may have lab tests to diagnose and monitor your condition, including:

- Ultrasound, MRI, or other imaging of the abdomen
- Autoimmune and other blood markers
- Blood tests to diagnose Hepatitis A, B, or C or other viruses that cause hepatitis
- Liver function tests and liver enzymes
- Liver biopsy to check for liver damage (may be needed in some cases)
- Paracentesis (if fluid is in your abdomen)

Treatment

Your provider will talk to you about treatment options. Treatments will vary, depending on the cause of your liver disease. You may need to eat a high-calorie diet if you are losing weight.

Support Groups

More information and support for people with hepatitis and their families can be found by joining a support group. Ask your provider about liver disease resources and support groups in your area.

Outlook (Prognosis)

The outlook for hepatitis will depend on what is causing the liver damage and how severely the hepatitis has affected your liver.

Possible Complications

Complications may include:

- Permanent liver damage, called cirrhosis
- Liver failure

- Liver cancer

When to Contact a Medical Professional

Seek care immediately if you:

- Have symptoms from too much acetaminophen or other medicines. You may need to have your stomach pumped
- Vomit blood
- Have bloody or tarry stools
- Are confused or delirious

Contact your provider if:

- You have any symptoms of hepatitis or believe that you have been exposed to hepatitis A, B, or C.
- You cannot keep food down due to excessive vomiting. You may need to receive nutrition through a vein (intravenously).
- You feel sick and have travelled to Asia, Africa, South America, or Central America.

Prevention

Talk to your provider about having a vaccine to prevent hepatitis A and hepatitis B.

Avoid alcohol. Treat any underlying conditions that can lead to liver disease, including overweight/obesity, diabetes, high blood pressure, and other metabolic disorders.

Steps for preventing the spread of hepatitis B and C from one person to another include:

- Avoid sharing personal items, such as razors or toothbrushes.
- DO NOT share drug needles or other drug equipment (such as straws for snorting drugs).
- Clean blood spills with a mixture of 1 part household bleach to 9 parts water.
- DO NOT get tattoos or body piercings with instruments that have not been cleaned properly.
- Use safer sexual practices.

To reduce your risk for spreading or catching hepatitis A:

- Always wash your hands well after using the restroom, and when you come in contact with an infected person's blood, stools, or other bodily fluid.
- Avoid unclean food and water.

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