

## The ABC's of Hepatitis

	<b><u>Hepatitis A</u></b> (HAV)	<b><u>Hepatitis B</u></b> (HBV)	<b><u>Hepatitis C</u></b> (HCV)	<b><u>Hepatitis D</u></b> (HDV)	<b><u>Hepatitis E</u></b> (HEV)
<b>What is it?</b>	HAV is a virus that causes inflammation of the liver. It does not lead to chronic disease.	HBV is a virus that causes inflammation of the liver. It can cause liver cell damage, leading to cirrhosis and cancer.	HCV is a virus that causes inflammation of the liver. It can cause liver cell damage, leading to cirrhosis and cancer.	HDV is a virus that causes inflammation of the liver. It only infects those persons with HBV.	HEV is a virus that causes inflammation of the liver. It is rare in the U.S. There is no chronic state.
<b>Incubation Period</b>	2 to 7 weeks. Average 4 weeks.	6 to 23 weeks. Average 17 weeks.	2 to 25 weeks. Average 7 to 9 wks.	2 to 8 weeks.	2 to 9 weeks. Average 40 days.
<b>How is it Spread?</b>	Transmitted by fecal/oral (anal/oral sex) route, close person to person contact or ingestion of contaminated food and water. Hand to mouth after contact with feces, such as changing diapers.	Contact with infected blood, seminal fluid, vaginal secretions, contaminated needles, including tattoo and body-piercing tools. Infected mother to newborn. Human bite. Sexual contact.	Contact with infected blood, contaminated IV needles, razors, and tattoo and body-piercing tools. Infected mother to newborn. Not easily spread through sex.	Contact with infected blood, contaminated needles. Sexual contact with HDV infected person.	Transmitted through fecal/oral route. Outbreaks associated with contaminated water supply in other countries.
<b>Symptoms</b>	Children may have none. Adults usually have light stools, dark urine, fatigue, fever, nausea, vomiting, abdominal pain, and jaundice.	May have none. Some persons have mild flu like symptoms, dark urine, light stools, jaundice, fatigue and fever.	Same as HBV	Same as HBV	Same as HAV
<b>Treatment of Chronic Disease</b>	Not applicable	Interferon, lamivudine, entecavir, adefovir, tenofovir and emtricitabine control replication of the virus.	Pegylated Interferon with ribavirin with varying success.	Interferon with varying success.	Not applicable
<b>Vaccine</b>	Two doses of vaccine to anyone over 1 year of age.	Three doses may be given to persons of any age.	None for HCV Should receive Hepatitis A and B vaccines	HBV vaccine prevents HDV infection.	None
<b>Who is at Risk?</b>	Household or sexual contact with an infected person or living in an area with HAV outbreak. Travelers to developing countries, persons engaging in anal/oral sex and injection drug users.	Infants born to infected mother, having sex with an infected person or multiple partners, injection drug users, emergency responders, healthcare workers, persons engaging in anal/oral sex, and hemodialysis patients.	Blood transfusion recipients before 1992, healthcare workers, injection drug users, hemodialysis patients, infants born to infected mother, multiple sex partners.	Injection drug users, persons engaging in anal/oral sex and those having sex with an HDV infected patient.	Travelers to developing countries, especially pregnant women.
<b>Prevention</b>	Vaccination. Immune Globulin within 2 weeks of exposure. Washing hands with soap and water after going to the toilet. Use household bleach (10 parts water to 1 part bleach) to clean surfaces contaminated with feces, such as changing tables. Safer sex.	Vaccination provides protection for 20 plus years. Hepatitis B Immune Globulin within 1 week of exposure. Clean up blood with household bleach and wear protective gloves. Do not share razors, toothbrushes, or needles. Safer sex.	Clean up spilled blood with household bleach. Wear gloves when touching blood. Do not share razors, toothbrushes, or needles with anyone. Safer sex.	Hepatitis B vaccine to prevent HBV/HDV infection. Safer sex.	Avoid drinking or using potentially contaminated water.

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