

# Vaccinations for Adults with Chronic Liver Disease or Infection

The table below shows which vaccinations you should have to protect your health if you have chronic hepatitis B or C infection or chronic liver disease (e.g., cirrhosis). Make sure you and your healthcare provider keep your vaccinations up to date.

Vaccine	Do you need it?
<b>COVID-19</b>	<b>Yes!</b> All adults need to be up to date on COVID-19 vaccination. Talk to your healthcare provider.
<b>Hepatitis A (HepA)</b>	<b>Yes!</b> Your chronic liver disease or infection puts you at risk for serious complications if you get infected with the hepatitis A virus. If you've never been vaccinated against hepatitis A, you need 2 doses of this vaccine, usually spaced 6–18 months apart.
<b>Hepatitis B (HepB)</b>	<b>Yes!</b> If you already have chronic hepatitis B infection, you won't need hepatitis B vaccine. However, if you have hepatitis C or other causes of chronic liver disease, you do need hepatitis B vaccine. The vaccine is given in 2 or 3 doses, depending on the brand. All adults should be screened for hepatitis B infection with a blood test at least one time; talk with your healthcare provider.
<b>Hib (Haemophilus influenzae type b)</b>	<b>Maybe.</b> Some adults with certain high-risk conditions,* for example, lack of a functioning spleen, need vaccination with Hib. Talk to your healthcare provider to find out if you need this vaccine.
<b>Human papillomavirus (HPV)</b>	<b>Yes!</b> You should get this vaccine if you are 26 years or younger. Adults age 27 through 45 may also be vaccinated against HPV after a discussion with their healthcare provider. The vaccine is usually given in 2 or 3 doses (depending on the age at which the first dose was given) over a 6-month period.
<b>Influenza (Flu)</b>	<b>Yes!</b> You need to be vaccinated against influenza every fall or winter for your protection and for the protection of others around you.
<b>Measles, mumps, rubella (MMR)</b>	<b>Maybe.</b> You need at least 1 dose of MMR vaccine if you were born in 1957 or later. You may also need a second dose if you are a healthcare worker or traveling internationally. But people with weakened immune systems should not get MMR.*
<b>Meningococcal ACWY (MenACWY)</b>	<b>Maybe.</b> You may need MenACWY vaccine if you have one of several health conditions,* for example, if you do not have a spleen, and also boosters if your risk is ongoing. You need MenACWY if you are a first-year college student living in a residence hall and (1) you have not had a dose since turning 16, or (2) it has been more than 5 years since your last dose. Anyone age 19 through 21 can have a catch-up dose if they have not had one since turning 16.
<b>Meningococcal B (MenB)</b>	<b>Maybe.</b> You may need MenB if you have one of several health conditions,* for example, if you do not have a functioning spleen, and also boosters if your risk is ongoing. You may also consider getting the MenB vaccine if you are age 23 or younger (even if you don't have a high-risk medical condition) after a discussion with your healthcare provider.
<b>Pneumococcal (PPSV23; PCV15, PCV20)</b>	<b>Yes!</b> Adults with chronic liver disease need to get either PCV20 alone, or PCV15 followed 1 year later by PPSV23. If you have previously received either PCV13 and/or PPSV23, your healthcare provider can determine what additional doses you may need.
<b>Tetanus, diphtheria, whooping cough (pertussis) (Tdap, Td)</b>	<b>Yes!</b> If you have not received a dose of Tdap during your lifetime, you need to get a Tdap shot now. After that, you need a Tdap or Td booster dose every 10 years. Consult your healthcare provider if you haven't had at least 3 tetanus- and diphtheria-toxoid containing shots sometime in your life or if you have a deep or dirty wound.
<b>Varicella (Chickenpox)</b>	<b>Maybe.</b> If you have never had chickenpox, never were vaccinated, or were vaccinated but only received 1 dose, talk to your healthcare provider to find out if you need this vaccine. People with weakened immune systems should not get varicella vaccine.
<b>Zoster (Shingles)</b>	<b>Yes!</b> If you are 19 or older and have a weakened immune system or are 50 or older, you should get a 2-dose series of the Shingrix brand of shingles vaccine.

\* Consult your healthcare provider to determine your level of risk for infection and your need for this vaccine.

**Are you planning to travel outside the United States?** Visit the Centers for Disease Control and Prevention's (CDC) website at [wwwnc.cdc.gov/travel/destinations/list](http://wwwnc.cdc.gov/travel/destinations/list) for travel information, or consult a travel clinic.

