



End-Stage Liver Disease (ESLD)



- ▶ Autoimmune conditions, such as autoimmune hepatitis
- ▶ Conditions that affect the veins of the liver, such as Budd-Chiari syndrome

▶ Causes Of Chronic Liver Failure ◀

Chronic liver failure occurs due to liver damage that develops slowly over time. This can lead to cirrhosis, in which the large amount of scar tissue on your liver prevents the organ from functioning properly. Some examples of possible causes of cirrhosis include:

- ▶ Chronic hepatitis B or C infection
 - ▶ Alcohol-related liver disease
 - ▶ Nonalcoholic fatty liver disease
 - ▶ Autoimmune hepatitis

▶ Symptoms Of ESLD ◀

▶ Symptoms Of Acute Liver ◀

- ▶ Feeling unwell (malaise)
- ▶ Feeling tired or sleepy
- ▶ Nausea or vomiting

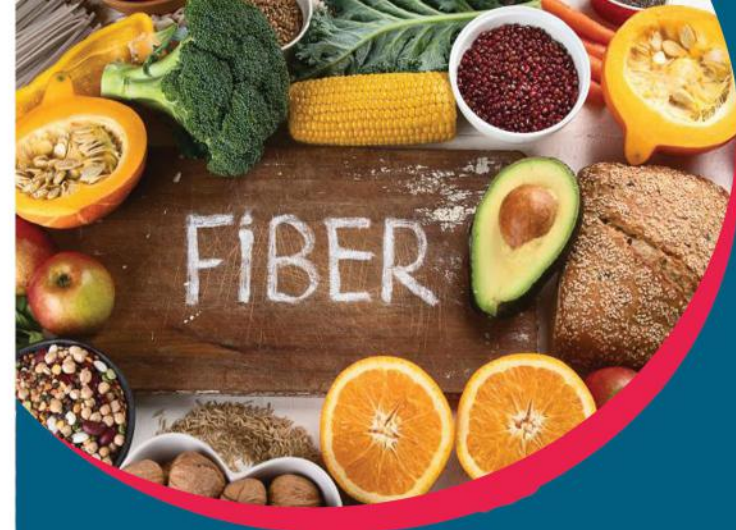
▶ Symptoms Of Chronic Liver Failure ◀

Early symptoms of chronic liver failure:

- ▶ Feeling tired or fatigued
 - ▶ Loss of appetite
 - ▶ Nausea or vomiting

Advanced stages of chronic liver failure symptoms:


- ▶ Easy bruising or bleeding



- ▶ Easy bruising or bleeding
- ▶ Feeling confused or disoriented
- ▶ Darkening of your urine
- ▶ Severe skin itching

▶ Diet for ESLD ◀

- ▶ **What to avoid:** Avoid foods high in fat, sugar and salt. Stay away from a lot of fried foods including fast food restaurant meals. Raw or undercooked shellfish such as oysters and clams are a definite no-no.
- ▶ **Eat a balanced diet:** Select foods from all food groups: Grains, fruits, vegetables, meat and beans, milk, and oil.
- ▶ **Eat food with fiber:** Fiber helps liver work at an optimal level. Fruits, vegetables, whole grain breads, rice and cereals can take care of body's fiber needs.
- ▶ **Drink lots of water:** It prevents dehydration and it helps liver to function better.



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► End-Stage Liver Disease ◀ (ESLD)

Infections, alcohol abuse, and genetics can all lead to liver disease and damage. Liver failure happens when your liver can't work well enough to perform its many vital functions, such as producing bile to help you digest food and clearing your blood of toxic substances.

Liver failure can be a life-threatening emergency. It can be either acute or chronic.

Acute liver failure comes on quickly, while chronic liver failure occurs gradually over time.

Damage to liver can accumulate through several stages. Each stage progressively affects your liver's ability to function properly

Stages of liver failure:

- Inflammation
- Fibrosis



End-Stage Liver Disease

- Cirrhosis
- Liver cancer
- End-stage liver disease (ESLD)

► End-Stage Liver Disease ◀

People with ESLD have cirrhosis in which liver function has deteriorated dramatically.



► What Causes ESLD ◀

The cause of liver failure can depend on the type of liver failure — acute or chronic.

► Causes Of Acute Liver Failure ◀

Acute liver failure occurs rapidly. It can be caused by a variety of things, although in some cases, the exact cause may be unknown. Some possible causes include:

- Viral infections, such as hepatitis A, B or E
- Overdose of acetaminophen (Tylenol)
- Metabolic conditions, such as Wilson's disease

ESLD is associated with complications such as ascites and hepatic encephalopathy. It can't be reversed with treatments other than a liver transplant.