

Non-Invasive Liver Scan

Early Screening

Early Diagnosis

Early Treatment



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Who Needs TE Examination?

People who are at high risk of liver injury due to unhealthy life styles, such as alcoholism, smoking, staying up late at night, irregular diet, anger, depression, etc.

People who are in sub-health state, such as fatty liver, obesity, high blood pressure, hyperlipidemia, hyperglycemia, diabetes, coronary disease, etc.



People with chronic liver diseases, such as different types of viral hepatitis (B, C), biliary tract disease, long-term medication, etc.

People who need regular liver health management for prevention and assessment.



Recommendation for use

- Patient should fast for 3-4 hours before TE examination.

Inapplicable population for TE examination

- ✗ Patients implanted with pacemaker
- ✗ Patients with a great deal of ascites
- ✗ Patients with uncured wounds in the right upper quadrant
- Neonatal and pregnant patients should follow doctor's advice.

> Tips to Fatty Liver Care

Adopting a healthy lifestyle is the main way of managing fatty liver disease.



Have sufficient sleep



Eat a healthy diet



Exercise regularly



Lose weight



Cut down or stop drinking alcohol



Stop smoking

> Tips to Liver Fibrosis Care



Stop drinking alcohol



Less consumption of greasy, fried and pickled foods



Appropriate supplementation of Vitamin C



Regular detection and monitoring by TE

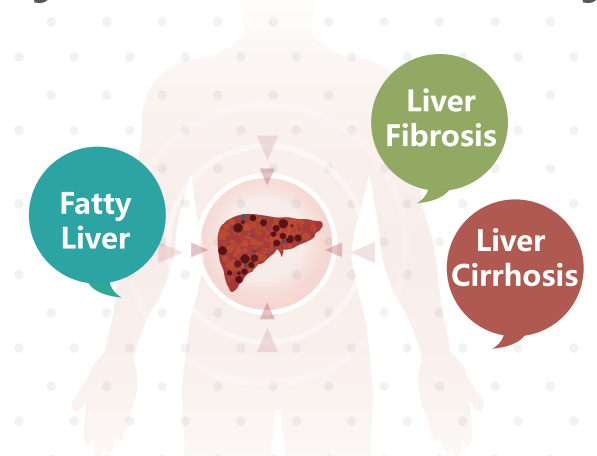


Actively take treatment for liver inflammation and avoid excessive medication



- Early screening can effectively reduce the incidence of liver cancer.
- Regular health check-up helps to early detection of liver disease, such as fatty liver.
- Regular follow-up visit is important for early diagnosis of liver disease and can seize the optimal treatment opportunity.
- Patients with liver cirrhosis are recommended to have TE examination every 6 months.

Do you know if your liver is healthy?



» Go for TE examination



Non-Invasive Liver Diagnostic System

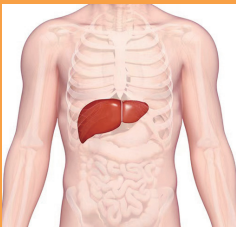
- ✓ Painless
- ✓ Accurate
- ✓ Rapid
- ✓ Quantitative



Understanding The Liver

Liver: A Vital, yet Silent Organ

Liver: One of the Vital Organs and the Largest Solid Organ in Human Body



The liver is located beneath the rib cage in the right upper quadrant of the abdomen.

Liver: Center of Metabolism, and the Largest Detoxification Organ in the Body

- The liver is an essential organ of the body that performs over 500 vital functions.
- The liver filters all of the blood in the body and breaks down poisonous substances, such as alcohol and drugs.
- The liver also produces bile, a fluid that helps digest fats and carry away waste.

Liver: A Silent Organ

- Many people with liver cirrhosis may have no symptoms and may have normal liver functions.
- In early stages, liver disease is often silent, therefore it can be easily ignored.
- Most of the symptoms related to liver disease occur due to complications in the advanced stage.



No pain-sensing nerves in the liver

Liver Health Killer: Liver Fibrosis

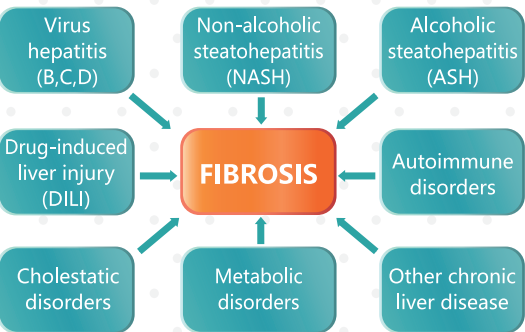
What is liver fibrosis?

Liver fibrosis is a scarring process when the liver responds to damage induced by various causes. The fibrosis or scar tissue in the liver will cause progressive liver disease.

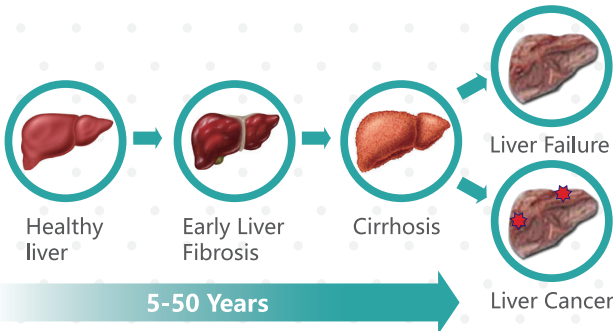


Liver fibrosis is a common pathway leading to liver cirrhosis, which is the end result of any injury to the liver.

What are the causes of liver fibrosis?



Understanding the stages of progression



—Pellicoro A,et al. Nat Rev Immunol 2014;14:181-94



It is clinically acknowledged that the early and middle stages of liver fibrosis are reversible. Early diagnosis and treatment of liver fibrosis can prevent chronic liver diseases from deteriorating into liver cirrhosis, liver cancer and liver failure.

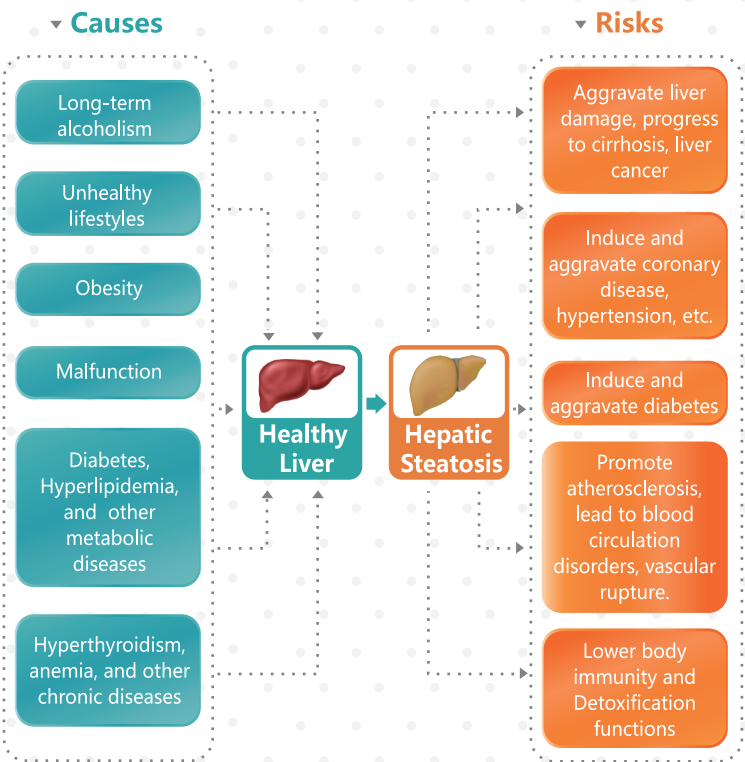
Liver Health Killer: Liver Steatosis

What is liver steatosis?

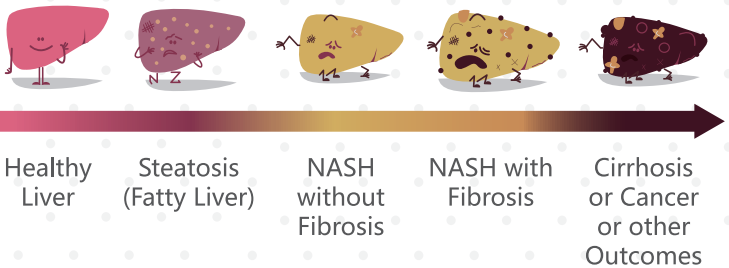
Liver steatosis, also known as fatty liver, is a common condition caused by the build-up of excess fat in the liver.



What are the causes and risks of liver steatosis?



Understanding the stages of progression



Non-Invasive Method for Assessment of Liver Health



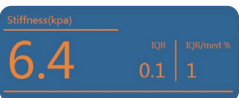
Liver Scan Applies Transient Elastography (TE) Technology



TE Examination with iLivTouch

What does iLivTouch measure?

Liver Stiffness Measurement (LSM, measured in kPa)
➤ An indicator of liver fibrosis



Ultrasound Attenuation Parameter (UAP, measured in dB/m)
➤ An indicator of fat content



Note: The results shall be interpreted by the physician according to your history, underlying disease, clinical manifestations and other test results.

Why choose TE examination?

- Non-Invasive**
 - No need blood collection
 - Painless procedure
- Accurate**
 - Sample volume is at least 100 times larger than liver biopsy sample
- Simple & Rapid**
 - Fast measurements (2-3 min)
 - Immediate results
- Quantitative**
 - Objective results
 - Easily track and compare multiple measured results of a single patient
- Repeatable**
 - The examination can be safely repeated
 - Follow up patients with chronic liver disease
- Widely Applicable**
 - Single probe for all body sizes