Reference:

Huang ZH, Ye CH, Wu CL, Li WR, Deng MQ, Lian LY, Huang CX, Wei YX, Cao YY, Shen XN, Lin YW, Chen SD, Seto WK, Zheng YP, Zheng MH. Identification of Hepatic Fibrosis and Steatosis via A Point-of-Care Transient Elastography System With Integrated AI. Liver Int. 2026 May;46(5):e70634. doi: 10.1111/liv.70634. PMID: 41947638; PMCID: PMC13058509.

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Liver health.

Anytime. Anywhere.

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Liverscan

Portable Liver Elastography Ultrasound Diagnostic System

A pioneer in wireless ultrasound elastography applications for chronic liver disease.



THE WORLD'S EXCLUSIVE

patented technology for real-time B-mode ultrasound-guided transient elastography.

Patents: CN101843501B; US8147410B

THE FIRST

composite probe for Transient Elastography analysis

Patent: CN307385892S

THE FIRST

and only wireless Transient Elastography system.

1min Transient detection

4hr Battery life

N+ Applications

FDA 510(k) Certificate: K233401

NMPA Class III Medical Device National Registration: 20243071846

LIVERSCAN®

ADVANCED PORTABLE SHEAR WAVE ULTRASOUND FOR LIVER ASSESSMENT

01. SPECIFICATIONS

Specifications	Index
Probe type	Phased array
Imaging Modes	B-mode, transient elastography (TE)
Probe frequency	3.5MHz
Liver stiffness measurement range	1.5~75 kPa
Acoustic attenuation parameter measurement range	100~400 dB/m
Ports	USB 3.0*2, Type-C*1
Battery endurance	Operation for ≥ 4 hours



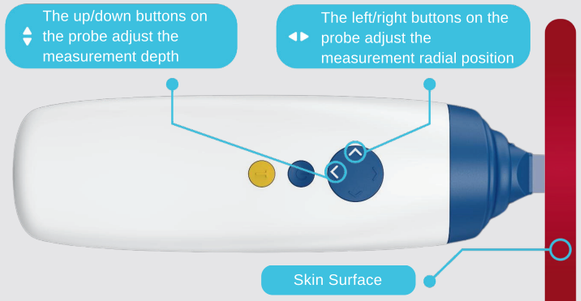
02. KEY ADVANTAGES

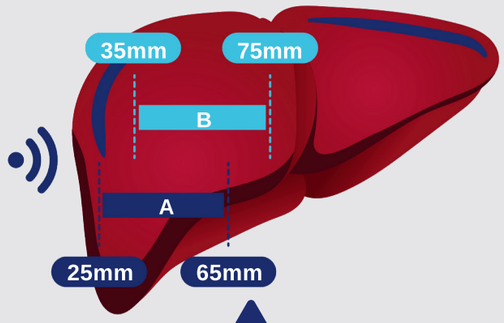
Differentiated advantages compared to traditional TE (Transient Elastography)

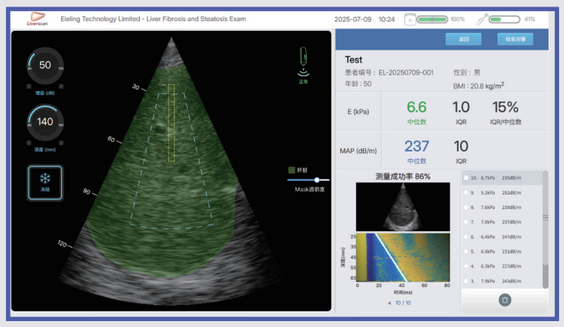
ALL NEEDS ARE MET WITH JUST A SINGLE PROBE

The up/down buttons on the probe adjust the measurement depth

The left/right buttons on the probe adjust the measurement radial position







Parameters	Adjustment Range
Measurement Depth (mm)	A 25~65 B 35~75
Measurement Radial Position (°)	-21~21

ADVANTAGES OF B-MODE IMAGE GUIDING

Real-Time Depth Adjustment
B-mode imaging allows for immediate visual feedback, enabling healthcare providers to adjust measurement depth as needed for optimal assessments.

Enhanced Accuracy
B-mode image guiding ensures precise targeting of the liver during examinations, minimizing measurement errors and increasing diagnostic confidence.

User-Friendly Operation
The intuitive interface makes it easy for healthcare providers to navigate and operate, facilitating quick training and adoption.

*Please refer to the instructions for prohibited contents or precautions

Composite Probe Technology
Featuring a versatile composite probe, Liverscan eliminates the need for probe exchanges. It can adjust depth settings from 25mm to 65mm and 35mm to 75mm based on real-time image guidance, ensuring optimal accuracy.

All-in-One Solution
Liverscan combines multiple diagnostic functions in a single device, streamlining the assessment process.

Reduced Operation Time and Complexity
The intuitive design and integrated functionalities significantly shorten operation time and simplify the procedure, enhancing user experience.

Lower Maintenance Costs
With fewer components and robust design, Liverscan minimizes maintenance needs, leading to reduced long-term costs for healthcare facilities.

03. PRODUCT FEATURES

- **Liver stiffness (E:kPa) measurement**
- **Acoustic attenuation (MAP:dB/m) measurement**
- **Image-guided acquisition location allows for precise targeting**

VS Biopsy

- **Cirrhosis detection(F4) AUROC = 0.97**
- **Fatty liver screening(≥S1) AUROC = 0.92**

References:Seto WK, et al.Liver International (2026)

Clinical Diagnosis Made Easy
Just like traditional TE systems, Liverscan facilitates accurate and easy clinical diagnoses.

Screening and Early Detection
Liverscan goes beyond conventional applications, enabling effective screening and early detection of liver conditions.

04. CUSTOMER VALUE

FOR HEALTHCARE PROVIDERS

Enhanced Efficiency & Cost-Effectiveness
Streamline workflows with an all-in-one device, reducing procedure time and lowering maintenance costs.

Expanded Market Reach
Attract new patients by offering in-clinic liver diagnostics, enhancing service offerings.

Increased Patient Retention & Streamlined & Follow-Up Care
Provide ongoing care and quick follow-ups, strengthening patient-provider relationships.

FOR SOCIETY

Increased Awareness
Promotes liver health education and awareness within communities, leading to healthier populations.

Equity in Healthcare
Ensures access to essential diagnostic services in underserved areas, contributing to health equity.

Research Advancement
Facilitates clinical research and trials, aiding in the development of new treatments and interventions for liver diseases.

FOR GOVERNMENTS

Public Health Improvement
Early detection initiatives can reduce the prevalence of liver disease, improving overall community health.

Cost Savings
Preventing advanced liver disease reduces healthcare costs associated with hospitalizations and long-term treatments.

Data Collection
Enhanced monitoring of liver health trends supports effective public health strategies and policies.

FOR PATIENTS

Quick Access to Diagnostics
Faster evaluations lead to timely diagnoses and interventions, improving health outcomes.

Convenience
Portable and easy-to-use design allows for assessments in various settings, increasing accessibility.

Empowerment
Patients receive clearer information about their liver health, enabling informed health decisions.

05. SPECIAL FEATURES

- **Enhanced Mode:** High success rate for people with abdominal obesity
- **Quality Control Model:** Standardized TE operation unaffected by operator experience
- **Smart Positioning:** Easy localization for patients with liver parenchymal atrophy due to cirrhosis or those with anatomical deviation of liver position

06. REAL-WORLD APPLICATION SCENARIOS

Specialized Diagnosis · Early Screening · Primary Care · Chronic Disease Management · Remote and Rural Healthcare · Body Check Programs · Clinical R esearch and Trials · Intervention Follow-Ups · Education and Training