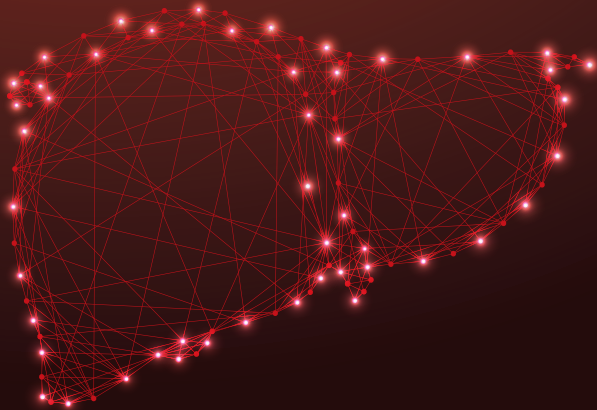


Hepatus Transient Elastography Diagnostic Ultrasound Systems



A New Era for Non-Invasive Liver Disease

Mindray's latest technology in liver care is a complete solution for non-invasive liver disease management using transient elastography. The Hepatus-Series Transient Elastography Diagnostic Ultrasound Systems are professional non-invasive diagnostic systems for surveillance and staging, providing quantitative results to indicate the stage of liver fibrosis. It is accurate, reliable, and convenient for disease follow-up, opening a new era for non-invasive diagnosis of liver diseases.

Integrated Probe Design

The Hepatus ViTE (Visualized Transient Elastography) Transducer offers:

- Ultra-wideband frequency technology covers all patients of different body sizes and ages
- One probe for ultrasound guidance and quantitative measurements – no need to switch the probe during the exam
- Integrated button design allows users to acquire all measurements with one-click, reducing the scan time



Hepatus-Series Comparison

The **Hepatus 6 System** is a cart-based system designed for in-hospital use. It provides a comprehensive non-invasive liver assessment by combining ViTE and 2D ultrasound imaging to give clinicians a full picture of liver health. With an intuitive design, it creates an outstanding user experience blending touchscreen technology and a full keyboard.

The **Hepatus 5 System** is a mobile solution to provide clinicians with a clear view of patient liver health. Its portable design allows it to be set up on a table or flat surface, so clinicians can access leading-edge ViTE technology when they need it.

	Hepatus 6	Hepatus 5
Form Factor		
System type	Cart	Tablet
Cart	Standard	For Purchase
Technology		
ViTE	✓	✓
2D Ultrasound imaging	✓	—
Wireless connectivity	✓	✓
Trend analysis	✓	✓
System		
Full touchscreen tablet	✓	✓
Flexible panel with keyboard	✓	—
Built in battery	✓	✓
DICOM capabilities	✓	✓
Warranty		
System	5-year	3-year
ViTE Transducer	1-year	1-year
C5-1s Curved Transducer	5-year	—

Hepatus Reporting

Liver Stiffness&Steatosis Report

Exam Date: 18/08/2022
Department: abc
Equipment Used: Mindray Hepatus 5
Operator: Engineer

Name: bzkjd,sajkljkslds
DOB: 01/03/2018

ID: 20220818-141901-6E28
Age: 4Years

MRN: addds
Gender: Unknown

Patient Telephone: 12333321
3

Height: 188.00cm
Weight: 88.00kg

BSA: 2.15m²
BMI: 24.9kg/m²

Fasting: Yes

ALT:

E		LiSA	
Stiffness	(kPa)	Steatosis	(dB/m)
Median	IQR 0.0	Median	IQR 16
75.0	IQR/Med 0.0 %	185	IQR/Med 8.7 %
Valid 10	Total 10	RLB Ratio 100 %	

E=75.0 LISA=201

E=75.0 LISA=195

E=75.0 LISA=209

E=75.0 LISA=205

E=75.0 LISA=185

E=75.0 LISA=186

E=75.0 LISA=182

E=75.0 LISA=167

E=75.0 LISA=185

E=75.0 LISA=183

Liver Fibrosis Staging Reference

F0F1	F2	F2F3	F3F4	F4
73	9.7	12.4	17.5	10a

Liver Steatosis Grading Reference

Steatosis<11%	≈11%	≈34%	≈67%
238	259	292	dB/m

The ViTE examination must be performed by a professional operator, and the results must be interpreted by a professional physician according to the patient's condition and other examination results.

The Hepatus System offers easy-to-read reports that clearly show liver fibrosis and steatosis, along with staging references. The comprehensive one-page report gives clinicians the clinical information they need to determine the best next steps for their patients.



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