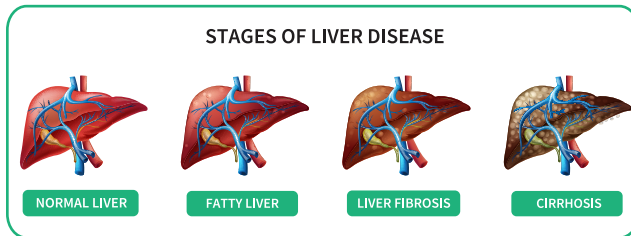


What is liver fibrosis?

It occurs when the healthy tissue of the liver accumulates scars. Typically, patients with liver fibrosis do not present symptoms. As it advances, it can impact the liver's ability to function. If left untreated over a period of time, it can lead to cirrhosis and liver cancer. Hence, early and accurate detection through liver screening is critical to prevent irreversible damage.

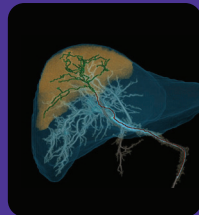


Diagnosing liver fibrosis with MR Elastography (MRE)

Embark on a journey to better liver health with MR Elastography, a modern and non-invasive method. A key part of our comprehensive liver care solution, this technology is revolutionising how we understand and approach liver well-being.

Why choose MR Elastography for your liver screening?

MRI Elastography provides a clear picture of your liver's condition by measuring its stiffness – a telltale sign of liver health.



This MR scan is:

- Gentle and non-invasive: Alleviates discomfort and eases anxiety.
- Swift and simple: Most scans are completed in under 5 minutes.
- Early detection: Spot liver health issues before they escalate.

AsiaMedic Imaging Centre

Address:
350 Orchard Road #08-00
Shaw House
Singapore 238868

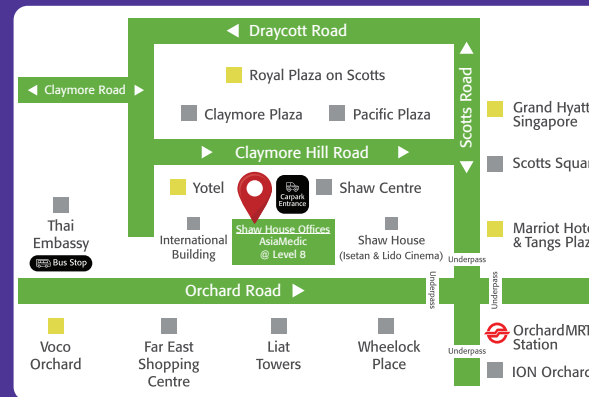
Operating Hours:
Mon to Fri: 8.30am to 5.30pm
Sat: 8.30am to 12.30pm
Sun and PH: Closed

Office Tel: (65) 6789 8888

WhatsApp: (65) 9863 0032

Website: <https://www.asiamedic.com.sg>

Email: info@asiamedic.com.sg



AsiaMedic Sunway Imaging

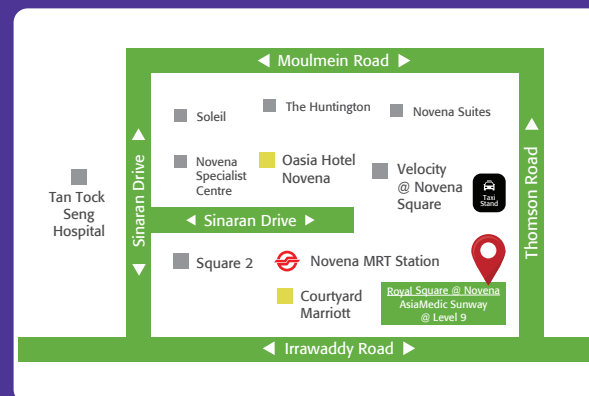
Address:
101 Irrawaddy Road #09-01
Royal Square Medical Centre
Singapore 329565

Operating Hours:
Mon to Fri: 8.30am to 5.30pm
Sat: 8.30am to 12.30pm
Sun and PH: Closed

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MR Elastography

Learn who can benefit from it, how it works, and why it's the preferred approach for evaluating liver health.



MR Elastography is suitable for:

- Individuals with known liver disease. MRE can provide a detailed assessment of liver stiffness or fibrosis without resorting to an invasive liver biopsy.
- Individuals with chronic conditions such as obesity, diabetes and high blood pressure who are at risk of liver diseases⁴.
- Individuals who require repeated testing, as MRE is non-invasive.
- Preventative Health Screening: MR elastography is part of a comprehensive liver care solution for early detection and management of potential liver issues.



Traditional vs. Non-Invasive MR Elastography

The traditional test for liver fibrosis involves undergoing a biopsy – an invasive procedure that uses a needle to extract a sample of liver tissue, carrying some risk. While biopsies provide valuable information, they are not ideal for repeat testing. MR Elastography offers a comfortable and repeatable alternative, enabling assessment of the entire liver, unlike a biopsy which only examines a portion of liver tissue.

Choosing the right test for you

Studies indicate that stiffness measurements from MR Elastography can predict liver health outcomes more effectively than other methods. This scan has:

95% Accuracy

High Accuracy:
Clinically proven with a
95% accuracy rate¹ in
detecting fibrosis

90% Comfort level

Patient Approved:
A 90% comfort level¹
reported during scans

AsiaMedic's Liver Care Solution

Embrace innovative care with AsiaMedic's MR Elastography. We're at the forefront of tackling liver disease in Singapore, providing early detection and precise management of liver conditions.

Advanced Technologies for Comprehensive Care

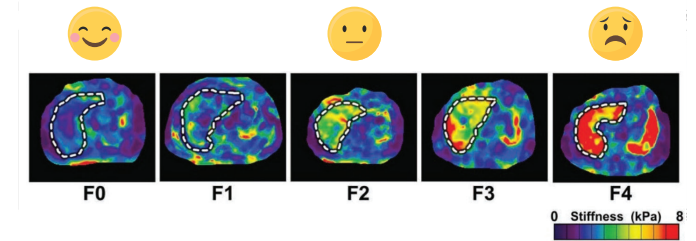
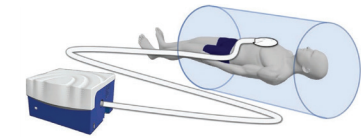
Using the latest IDEAL-IQ for fatty liver detection and MR Touch for fibrosis evaluation, our advanced solution ensures quick, comfortable, and accurate scans.

Chat with your doctor to learn more about the health of your liver.

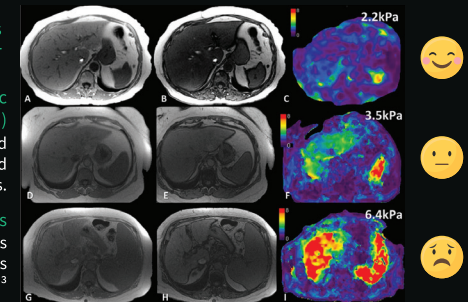
Take control of your liver health and schedule an appointment today at AsiaMedic!

How does it work?

The technique works by applying low-frequency vibrations to the abdomen, analysing the propagation of shear waves through the liver, and measuring liver stiffness, a crucial biomarker for detecting and staging liver fibrosis².



Simple steatosis of fatty liver



Non-alcoholic steatohepatitis (NASH)

NASH causes increased stiffness in the liver compared to simple steatosis.

NASH with cirrhosis

NASH with cirrhosis has much higher stiffness compared with NASH alone.³

Colour stiffness maps ranges from 0 to 8kPa scale.

References

- 1) Yin M, Ehman RL. MR Elastography: Practical Questions, From the AJR Special Series on Imaging of Fibrosis. AJR Am J Roentgenol. 2024 Jan; 222(1):e2329437. doi: 10.2214/AJR.23.29437. Epub 2023 May 10. PMID: PMC10636243.
- 2) Interpretation, Reporting, and Clinical Applications of Liver MR Elastography, <https://pubs.rsna.org/doi/10.1148/radiol.231220>
- 3) Idilman IS, Li J, Yin M, Venkatesh SK. MR elastography of liver: current status and future perspectives. Abdom Radiol (NY). 2020 Nov;45(11):3444-3462. doi: 10.1007/s00261-020-02656-7. Epub 2020 Jul 23. PMID: 32705312; PMCID: PMC7954231.
- 4) <https://alphagastro.sg/services/mr-elastography-mre/>