

FibroScan® examination process

A **mechanical pulse** is generated at the skin surface, which is propagated through the liver. The velocity of the wave is measured by ultrasound.

The velocity is directly correlated to the stiffness of the liver, which in turn reflects the degree of fibrosis – **the stiffer the liver, the greater the degree of fibrosis.**

The examination is composed of 10 acquisitions. **Easy to perform**, and rapid, the measurement is expressed with a clear figure in kPa. The patient lies on his / her back, with the right arm raised behind the head. The measurement is made on the right lobe of the liver, with the probe being placed in an intercostal space.

The result is delivered at the **end of the 10 acquisitions.**



THE PRINCESS GRACE HOSPITAL

The Princess Grace Hospital
42-52 Nottingham Place
London W1U 5NY

Tel: 020 7034 5036
Fax: 020 7034 5042

Email: info@fibroscan.co.uk
Web: www.fibroscan.co.uk



The Princess Grace Hospital
Patient Information
on the **FibroScan®**

FibroScan and the Echosens logo are trademarks of the Echosens company.

Transient ELASTOGRAPHY

A painless alternative to liver biopsy for evaluating the stage of liver fibrosis

The FibroScan® technique is used to quantify hepatic fibrosis in a totally non-invasive and painless manner, with no contra-indications for the patient*.

Applications

A vital tool in the assessment of liver disease

Liver disease is increasing at one of the fastest rates of any disease process. Early diagnosis and intervention can lead to a substantial reduction in morbidity and mortality from all conditions that lead to cirrhosis.

FibroScan® technology allows accurate assessment of liver fibrosis resulting from all chronic pathologies that cause damage to the liver, including metabolic syndrome and non-alcoholic fatty liver disease, chronic viral hepatitis and excess alcohol intake.

Benefits

Whatever the stage of the illness, the FibroScan® meets the practitioner's expectations:

A reliable diagnostic and prevention tool

In the early stages of liver disease symptoms are virtually non-existent, liver function tests and conventional ultrasound have a poor predictive value in assessing fibrosis. The fibroscan is the ideal diagnostic tool for a hepatologist to accurately identify patients with significant liver disease. This allows treatment to be tailored to the individual's need.

An indefinitely reproducible monitoring tool

With no restriction on the frequency of use, FibroScan® can monitor the progression, stagnation or regression of an individual's liver disease and give an accurate quantitative measure of the success of treatments or lifestyle modification.

In Practice

For greater patient comfort

No inpatient stay required to perform a FibroScan® examination.

The FibroScan® examination is **completely non-invasive**, rapid and painless.

100% of patients accepted a FibroScan® examination.

* DISCLAIMER: Fibroscan should not be used on patients with ascites, patients who are pregnant or patients under the age of 18.

FibroScan®

FibroScan® is a concept developed and produced by Echosens.

For further information on FibroScan®, please contact Echosens.

Email: echosens@echosens.com
Web: www.echosens.com



The Princess Grace Hospital

The Princess Grace Hospital as user of the FibroScan® is authorized by Echosens to promote the FibroScan®. It is also authorized to inform patients about this new medical device.

