



Understanding Fibro Scan (Liver Elastography)

Ghaziabad: Plot No 14 & 15, Block P, Sector 23, Sanjay Nagar, Ghaziabad
Near ALT Bus Stand, Phone No.: +91-9217244110

✉ info@molecularit.com 🌐 www.molecularit.com



What is FibroScan (Liver Elastography)?

One of the non-invasive tests used to assess the stiffness of the liver is liver elastography, or FibroScan. It examines the speed at which vibrations pass through the liver tissue by a specialized ultrasound technique, known as transient elastography. The results have the potential to help assess liver fibrosis and aid the evaluation and monitoring of chronic liver diseases.

Why is it Performed?

In patients who have a problem with liver fibrosis or chronic liver disease that requires follow-up, FibroScan measures liver stiffness to help in their diagnostic assessment. It can be indicated in cases of fatty liver disease, chronic hepatitis B or C, and alcohol induced liver disease, as well as in cases of other chronic liver injuries.

Preparation

- Fasting is commonly advised before the examination.
- Avoid heavy meals before the test and wear comfortable clothing.
- Bring previous liver function, ultrasound or other relevant medical records.
- Inform the healthcare professional about previous liver disease or procedures.

Procedure

Normally, the patient is placed on his back with the right arm raised and the right upper abdomen exposed. The gel is easily applied to the skin, and the FibroScan probe is laid between the ribs above the liver. The liver is shaken, and the velocity of the sounds that go through the liver is recorded. Several valid measurements are normally done to give a little more grounding to the outcome. It does not require any needles or anaesthetic, and as you might think, it takes a minimum of time.

Important Instructions

- Follow the recommended fasting instructions before the examination.
- Remain relaxed and follow breathing instructions during the scan.
- Bring previous reports for comparison when available.
- Inform the healthcare professional about any significant medical condition or previous liver procedure.
- Avoid eating immediately before the examination if fasting has been advised.
- Follow-up assessment may be recommended based on the results.

Safety Precautions

FibroScan does not involve the use of ionising radiation, and is generally not in need of contrast, injection or biopsy. In most patients, this exam is safe. However, in certain instances, FibroScan cannot exclude or diagnose the cause of liver stiffness and is not a substitute for a detailed clinical evaluation.

When to Seek Medical Attention?

If you have persistent jaundice, abdominal swelling, vomiting blood, black stools, severe abdominal pain, confusion, or other concerning symptoms of liver disease, seek prompt medical attention rather than relying on FibroScan results alone. Molecular Diagnostics and Therapy provides FibroScan (Liver Elastography) services using appropriate examination protocols and trained medical supervision, with attention to assessment, patient safety, privacy, and comfort.