Magnetic Resonance Liver Elastography (MRE)

The revolutionary way to assess liver health.

Now available at Elliot at River’s Edge

Elliot MRE at River’s Edge
185 Queen City Ave
Manchester, NH 03109
603-663-8481

Central Scheduling:
603-663-2180
A PAINLESS procedure using an additional transducer device

See the whole picture of liver fibrosis with the most comprehensive elastography exam available.

Liver fibrosis can be the result of chronic liver disease and if left untreated can become cirrhosis. Cirrhosis carries many complications such as liver failure, portal hypertension, varices, hepatocellular carcinoma (HCC), and hepatic encephalopathy. Elliot at River’s Edge can now perform MR Elastography, a new imaging test available to noninvasively evaluate for the presence of fibrosis from any cause. Studies have proven that liver fibrosis may be reversible in the early stages and is why early detection is important. Currently, percutaneous biopsy is the standard practice for detected liver fibrosis. Earlier stages of liver disease, including some types of early cirrhosis, may be reversible depending on the underlying cause with either diet, lifestyle changes or medical therapy. MRE is an MRI-based method to test the stiffness of the liver and provides quantitative maps of tissue stiffness over large regions of the liver. This test takes only 5-10 minutes. If done in combination with a diagnostic abdomen MRI the total time is approximately 35-45 minutes.

MRE can allow us to categorize the stage of disease and also noninvasively monitor the response to therapy. By using a specialized device placed on the abdominal wall, soundwaves are generated and transmitted through the liver (similar to an ultrasound or sonar) and measures how “stiff” the liver is. The scanner then collects that data and converts it into color maps that allow radiologists to evaluate a large area of the liver to determine the extent of disease (or lack of cirrhosis).

The first 3 Tesla MRI Liver Elastography scans in New Hampshire are available now at Elliot MRI at River’s Edge.