

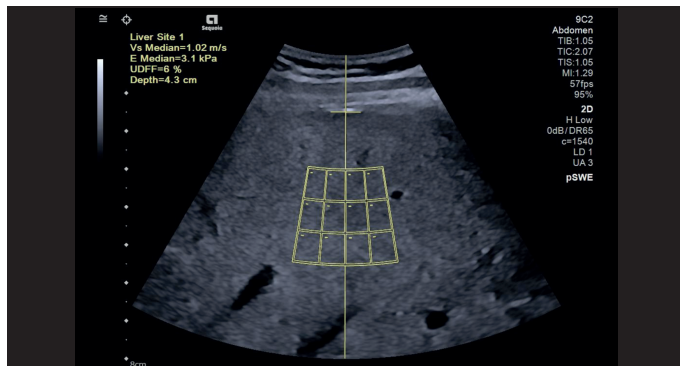
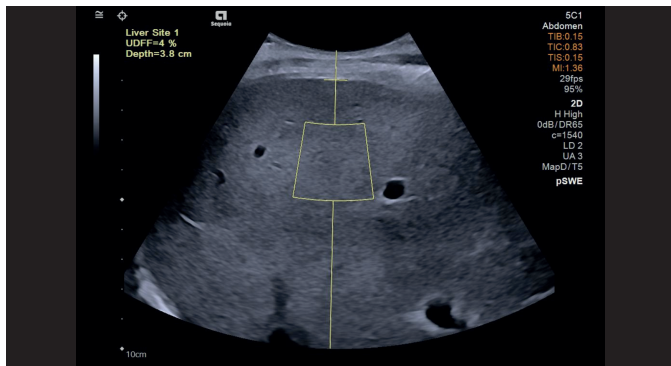
## What is NASH/NAFLD?

In adults over 50 years of age, 1 in 3 will have some form of fatty liver disease, and greater than 50% of all patients with Type II Diabetes develop NAFLD or NASH. Non-Alcoholic Steatohepatitis (NASH) is defined as the presence of hepatic steatosis and inflammation, with or without fibrosis or scarring. NASH without intervention can lead to cirrhosis, liver cancer, and ultimately liver failure.

## RISK FACTORS:

- Type 2 Diabetes
- Patients with Abnormal Liver Tests
- Obesity
- High Cholesterol
- Hypertension

The Ultrasound Derived Fat Fraction (UDFF) is used to quantify fat content in the liver. The degree of tissue stiffness has been shown to correlate with the progression of liver fibrosis. Livers that are high in fat content also show an increased level of tissue stiffness and associated fibrosis. In seconds, UDFF acquires data from liver ultrasound and performs 15 samples at once. UDFF produces a unit in percentage of fat and this fat percentage correlates with the MRI Proton Derived Fat Fraction (PDFF). Additionally, Auto Point Shear wave is simultaneously measured with UDFF and provides units in Kilopascals.



Siemen's Dax Probe measures both liver stiffness (kPa) and quantitative liver fat (steatosis) with Ultrasound Derived Fat Fraction.

## Locations:

**3310 Richmond Ave., Houston, TX 77098**  
**1155 Dairy Ashford Rd., Suite 105, Houston, TX 77079**  
**9180 Katy Fwy Suite 100, Houston, TX 77055**

