

ELASTOGRAPHY

HERE'S WHAT PROVIDERS NEED TO KNOW

WHAT IS 2D SHEAR WAVE ELASTOGRAPHY?

2D SWE is an advanced ultrasound-based technique that noninvasively measures liver stiffness, a physical property that correlates with fibrosis.

Used for:

- Uses acoustic radiation force to generate real-time quantitative stiffness maps
- Fully integrated into standard abdominal ultrasound workflow
- Does not require IV contrast, needles, or sedation

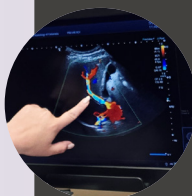


WHO TO REFER

- NAFLD/NASH
- Chronic Hep B or C
- Alcohol-related liver disease
- Type 2 diabetes
- Obesity or metabolic syndrome
- Unexplained transaminase elev.
- HIV or hepatotoxic treatments
- Family history of liver disease



THE REPORT INCLUDES



- Mean stiffness value (kPa)
- Number of valid measurements
- Quality metrics (IQR/median ratio)
- Stiffness map and US images
- Clear format for easy review

Interpretation and clinical decision-making are left to the provider. Refer to relevant guidelines for fibrosis staging (AASLD, SRU, EASL).

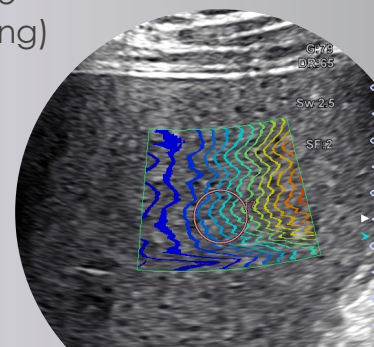
WHY 2D-SWE?

- **Accurate:** Real-time ROI placement
- **Obesity-tolerant:** More reliable in high BMI
- **Efficient:** Integrated into standard US workflow
 - **Comprehensive:** Larger sampling than SWE

FACTORS THAT AFFECT RESULTS

- Recent food intake (within 3–4 hours)
 - ALT flares / acute hepatitis
- Cholestasis (e.g., obstruction)
 - Right-sided heart failure / hepatic congestion
- Infiltrative liver disease
- Recent alcohol use
- Suboptimal acoustic window (e.g., excessive adiposity, scarring)

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DIAGNOSTICS

- MRI
- Ultrasound
- CT
- DXA
- X-ray
- Procedures

PROCEDURES

- ESI
- Arthrogram
- Myelography
- FNA

HEALTH SCREENINGS

- Low-Dose CT Lung
- Cardiac Calcium Score
- DXA/BMI
- Body Composition
- Carotid Intima - Media Thickness
- Aorta (AAA)
- ABI Limited Circulation



COLUMBIA

OUR LOCATIONS

Serving the region since 2003, Advanced Radiology is trusted by 500+ physicians across Mid-Missouri, and delivers expert care with 60+ years of combined

experience from board-certified radiologists.

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JEFFERSON CITY



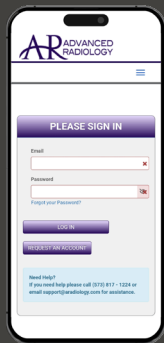
OSAGE BEACH



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YOUR HEALTH MATTERS



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WHY CHOOSE US?

- **Affordable Care:** Save up to 30% vs. hospitals, with transparent billing and self-pay options.
- **Fast, Reliable Results:** Most reports ready within 24 hours; STAT imaging available.
- **Convenient & Efficient:** Three Mid-Missouri locations with free parking and easy scheduling (typically within a week). Most exams take under an hour; walk-in X-rays accepted with an order.
- **Proven Quality:** ACR-accredited for imaging excellence and safety

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