

echoSoft



Technically Sound. Objectively Better.™



RAPID

The **EchoSoft™ Tablet** enables treating physicians to assess the functional status of tendons and ligaments at the point-of-care, rather than referring for an MRI or other diagnostic approach.



VERSATILE

The **EchoSoft™ Tablet** is capable of processing streaming image feeds from most commercial ultrasound instruments. This means that **EchoSoft™** is ready to work in virtually any clinical or research environment.



COST-EFFECTIVE

MSK diagnosis with **EchoSoft™**-enabled ultrasound costs approximately a third of MRI diagnostic approaches. This means that instead of one MRI, a patient can receive a diagnostic ultrasound and two follow-up scans, if required.

Diagnostic ultrasound is now less expensive and more portable than ever before. It provides quality, dynamic images with no harm to the patient. However, conventional ultrasound is still subject to user interpretation and is not specifically designed for musculoskeletal applications. In short, *there has been no objective diagnostic approach for musculoskeletal ultrasound.*

Until now.

Echometrix is the first ultrasound developer to target evaluation of musculoskeletal conditions using new technology. Our approach provides a breakthrough improvement for all clinicians who diagnose and manage musculoskeletal conditions.

Our flagship product — **the EchoSoft™ Tablet** — is a patent-protected ultrasound image analysis module, which is compatible with all ultrasound machines. EchoSoft™ provides an objective measurement of musculoskeletal tissue status, which enables ultrasound use by treating clinicians, improves outcomes for patients, and ultimately lowers the cost of care. Everyday individuals to elite athletes will benefit from **EchoSoft™**.

EchoSoft™ Tablet: A Treating Clinician's Tool

The **EchoSoft™ Tablet** provides significant advantages for each the patient, provider, and the payer:

Patient

- Rapid, point-of-care diagnoses
- Immediate diagnosis enables assignment of appropriate treatment

Provider

- Enables ultrasound as a diagnostic tool in at the point of care
- No referral to radiologist
- New opportunities for reimbursable diagnosis

Payer

- Lower cost MSK diagnoses
- Objective assessment for more accurate diagnoses
- Potential for fewer re-injuries

Areas of Use

Everyday MSK Injuries More than 76% of the 24 million total injuries annually are sprain and strain injuries with an estimated total cost of \$92 billion. The **EchoSoft™ Tablet** will help drive down costs while providing better patient care.

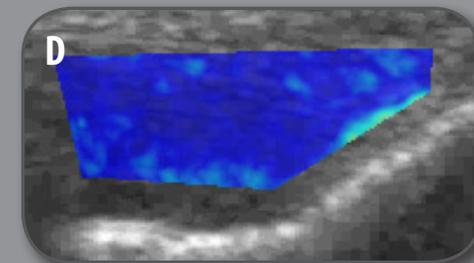
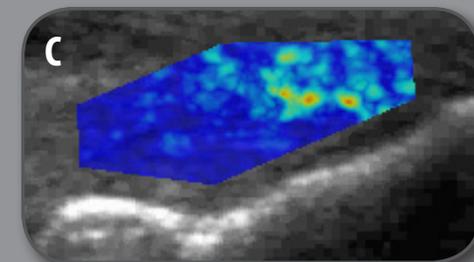
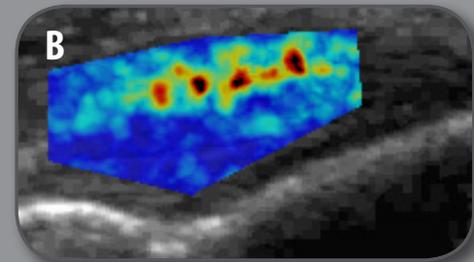
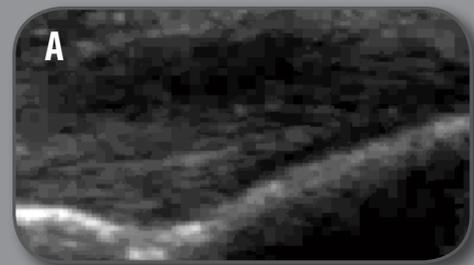
Elite Athletes Currently, professional collegiate sports teams rely heavily on MRI to diagnose tendon and ligament injuries. Getting a differential diagnosis on the sideline using the **EchoSoft™ Tablet** in conjunction with a portable ultrasound means starting the most appropriate treatment immediately or potentially returning to the game. With multi-million dollar contracts, endorsement deals, television rights, and season standings on the line, rapid and accurate diagnosis is paramount for these athletes and their teams.

High-Value Veterinary Use More than 3.5 million horses in the US are involved in either racing or competitive showing. More often than not, horses that sustain a tendon injury are retired from racing. With large capital investments at stake, thoroughbred horse owners need to know that their horses are at a health level required for competition. To that end, diagnostic ultrasound is a routine pre-race practice by veterinarians at many horse-racing facilities worldwide. We believe that the **EchoSoft™ Tablet** will enhance the efficacy of equestrian evaluations.

Real-time, tablet-enabled technology

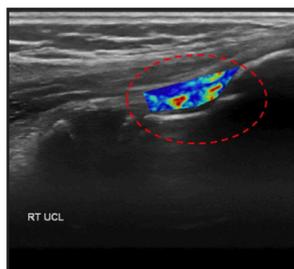
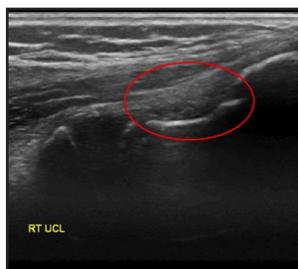
Wireless and real-time By making the **EchoSoft™** software mobile and wireless, clinicians can access and analyze video stream from any ultrasound in real-time. Users can work more effectively and efficiently, making it easier to quickly and accurately provide patient care.

The **EchoSoft™ Tablet** is a complete solution for current ultrasound users, and includes both hardware and software.



Conventional ultrasound makes identifying strains in the forearm extensor tendons (“tennis elbow”) difficult (A). The **EchoSoft™ Tablet** tissue analysis module, however, the problem areas in the tissue are easily identified (B). Additionally, the treating clinician can use the **EchoSoft™ Tablet** to track the progress of treatment at longer time points—one month (C) and five months (D), for example.

Head-to-head: MRI vs. EchoSoft™



While magnetic resonance imaging can provide highly detailed images (left), they lack functional tissue status information, so subtle injuries to soft tissue may easily go undiagnosed. Only a highly trained radiologist might be able to identify a tendinopathy using convention B-mode diagnostic ultrasound (center). The use of the **EchoSoft™ Tablet**, however, yields information about the functional status of the tissue so that this injury to the ulnar collateral ligament can be properly diagnosed and treated.

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