



Echometrix LLC

5525 Nobel Dr

Madison, WI 53711

Phone: 608-513-5740 www.echo-metrix.com

March 13, 2009

The Honorable Congresswoman Tammy Baldwin
2446 Rayburn House Office Building
Washington, DC 20515

Re: Echometrix, LLC – FY2010 Appropriations

Dear Representative Baldwin,

Attached is our application for a FY 2010 appropriation to design, manufacture and validate a prototype ultrasound device that can quantitatively determine the stress and strain on tendons and ligaments. The quantitative data gathered by this device will indicate the stiffness of the tendon or ligament and the strain as a function of applied force. This information will be displayed as an image, readily indicating the precise areas of damage and the severity of the injury. Conventional ultrasound machines and MRIs cannot obtain this type of functional information. The information can be readily incorporated into the electronic medical record and provide a quantitative documentation of functional status at the time of injury which can be used for comparison during rehabilitation and can be shared for remote consultations.

While this project has the potential to positively impact the well being of the general population, these types of devices can help military physicians provide exceptional care to military trainees, active duty personnel, and active dependents. Physicians would now be able to locate areas on the body that are prone to soft tissue damage, as our technology identifies micro tears and areas of inflammation, and therefore, provide service men and women with the necessary strength training regime to help prevent injury. The expanded use of ultrasound in the assessment of soft tissue injuries would provide significant cost savings to the military as it would minimize the use of MRI.

In summary, the FY 2010 Appropriation will allow us to design, manufacture and validate a prototype ultrasound device that can quantitatively determine the stress and strain on tendons and ligaments. Soft tissue injuries are frequent during military training and active duty and result in significant loss of work time and military preparedness. The quantitative data obtained from the use of Echometrix technology can contribute to: early identification of soft tissue injuries, a decrease in limited duty time, and identify high risk individuals that might be enrolled in customized training programs to minimize injuries. The data can also guide determination of functional readiness to resume activities without risk of re-injury

Thank you for your support.

Sincerely,

Barbara Israel

Barbara Israel

CEO