FOR IMMEDIATE RELEASE

Great Lakes NeuroTech's BioRadio and Vivonoetic Inc.'s VivoSense Used in Prematurity and Respiratory Outcomes Program **Multicenter Study**

Cleveland, OH – August 1, 2011 – Great Lakes NeuroTech's BioRadio and Vivonoetics Inc.'s VivoSense software are being used for the Prematurity and Respiratory Outcomes Program (PROP, http://www.urmc.rochester.edu/pediatrics/pedsnews/july-10/prop.cfm) multicenter clinical study to examine the respiratory outcome of premature babies over the next three years. PROP is an NIH funded, multicenter program attempting to determine the mechanisms responsible for persistent or recurrent symptomatic respiratory disease in the first year of infants following premature birth. The $18.5 million program will follow respiratory outcomes in 1,000 premature infants using non-invasive Respiratory Inductance Plethysmography (RIP). Hospitals participating in this program include University of Rochester, State University of New York at Buffalo, University of California at San Francisco, University of Washington at St. Louis, University of North Carolina, and Vanderbilt University.

Participating centers will each utilize two of Great Lakes NeuroTech's (www.GLNeuroTech.com) BioRadio, a physiological monitor, to collect the respiratory data for PROP. The BioRadio wirelessly communicates with a computer and contains 12 programmable channels for the recording of any physiological signal such as air flow, electromyography (EMG), electrocardiography (ECG), and blood pressure. Additionally, all participating centers will utilize Vivonoetics, Inc.'s (www.VivoNoetics.com) VivoSense software for data analysis. VivoSense is a graphical user interface which provides advanced physiological signal processing to researchers and healthcare professionals without programming experience. The director of PROP, Dr. Clement Ren, chose this pairing as the data collection and analysis platform because "the BioRadio is compact, lightweight and untethered, which allows us to monitor the respiratory signals on very small babies without being burdensome to the child or staff. Furthermore, VivoSense provides us the advanced analysis tools that we need in order to accurately quantify biomarkers to help determine the causes of persistent or recurrent symptomatic respiratory disease for this study."

About Great Lakes NeuroTechnologies

Great Lakes NeuroTechnologies is committed to pioneering innovative biomedical technologies to serve research, education, and medical communities, improving access to medical technology for diverse populations, and positively impacting quality of life for people around the world.

About Great Lakes NeuroTechnologies BioRadio™

The BioRadio 150 is a wireless 12-channel lightweight programmable physiological monitor for viewing and recording any combination of physiological signals, such as electrical activity from the heart, brain and muscle, and transducer inputs, such as airflow, force and blood pressure.

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