CleveMed
Cleveland Medical Devices Inc.

PRESS RELEASE

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FOR INFORMATION CONTACT
HANI KAYYALI,
VICE-PRESIDENT OF OPERATIONS
216-791-6720

CleveMed Launches a New Educational Device

Cleveland Medical Devices Inc. (CleveMed) recently launched CleveLabs to the Biomedical Engineering teaching market. CleveLabs is a sophisticated data acquisition, development, and analysis system that teaches biomedical engineering laboratory principles to undergraduate and graduate level students. The device acquires physiological signals from students and transmits the data wirelessly to a computer; thus allowing students to learn by analyzing their own biological data.

CleveLabs offers many features and highly valuable educational sessions. The interactive software incorporates over 20 laboratory sessions that cover many biomedical engineering topics such as brain, muscle, and heart monitoring. Numerous laboratory sessions are included that range from basic engineering principles such as data acquisition fundamentals, and introductory physiology sessions to sophisticated algorithm development for applications such as gait classification and brain computer interfaces. Additionally, the software offers real-life sample data from clinical disorders such as Parkinson's disease, epilepsy, and cardiac arrhythmias, which enables students to better understand and recognize common disease states.

There are many features which set apart CleveLabs from its competition. In particular, "*the foundation of the CleveLabs system integrates wide ranging engineering and physiology fundamentals; applies that knowledge in real-world clinical applications; and then provides flexibility for student design projects in popular applications like MATLAB and LabVIEW*", according to Dr. Joseph Giuffrida, CleveLabs product manager and a Biomedical engineering graduate from Case Western Reserve University (CWRU).

Dr. Matthew Tarler, Director of CleveMed's Rehabilitation Products, said, *"I wish I had a lab course like this when I was a student. For each topic, it takes you through the basic engineering principles and basic physiology and then has you actually record those signals for either comparison with an abnormal database, for use as a control signal, or for diagnostic signal analysis."*

Cleveland Medical Devices Inc. (CleveMed) was founded in 1990 and incorporated in 1991 to develop, manufacture, and market proprietary rehabilitation and monitoring products. CleveMed has grown into a world leader in the research of wireless physiological monitoring technology, pressure ulcer prevention, rehabilitation systems, and biomedical instrumentation.