ActiGraph Launches New Generation of Bluetooth® Smart Activity Monitors

ActiGraph, a leading provider of objective activity monitoring solutions for the global research community, today announced the release of a new generation of Bluetooth® Smart activity monitors.

Pensacola, FL (PRWEB) October 22, 2013 -- ActiGraph, a leading provider of objective activity monitoring solutions for the global research community, today announced the release of a new generation of Bluetooth® Smart activity monitors. The new wGT3X-BT, in conjunction with ActiLife software platform and the ActiLife Mobile app, offers the most advanced wireless communication, data capture and wear time screening features in the industry, while delivering the extensively validated objective 24 hour physical activity and sleep measures for which ActiGraph is known worldwide.

ActiGraph’s new Bluetooth Smart® wGT3X-BT activity monitor captures and logs the amount and intensity of human movement using a three axis accelerometer and ActiGraph’s proprietary digital filtering algorithm. The wGT3X-BT offers innovative new features including an integrated wear time sensor for precise on- and off-wrist detection, the ability to capture R-to-R heart rate variability measurements, and a device grouping function for applications involving multiple sensors worn on the body simultaneously. A proximity sensing feature provides valuable information about the relationship between activity and social interaction among multiple subjects and enables users to monitor subject behavior in predetermined locations through the use of stationary devices. The compatible ActiLife Mobile app for iPhone, iPad and Android platforms supports in field communication with wGT3X-BT devices and gives users the ability to view objective measures in real-time.

“Our decision to use Bluetooth® Smart technology for our newest generation of wireless activity monitors allows us to immediately offer a richer feature set, enabling our customers to capture information, such as proximity, that they’ve never had access to before,” said Jeff Miller, Sr. Vice President of Engineering at ActiGraph. “Perhaps even more importantly, the recent proliferation of new Bluetooth Smart® sensors and mobile devices on the market really sets the stage for a broad range of exciting future wireless applications as we continue to evolve this product suite.”

ActiGraph has concurrently released the wActiSleep-BT monitor, which offers the same data collection and wireless communication capabilities as the wGT3X-BT with enhanced sleep-related analysis functionality and reporting options.

About ActiGraph
ActiGraph’s extensively validated suite of accelerometry hardware and software products are widely used by prominent scientific and academic organizations in more than 70 countries in research and clinical trials involving physical activity, sedentary behavior, and sleep habits and their relationships to numerous chronic health conditions including obesity, diabetes, COPD, cancer, and cardiovascular disease. ActiGraph monitoring solutions have delivered objective activity and sleep data to many high profile population studies including the National Health and Nutrition Examination Survey (NHANES), the Harvard Women’s Health Study, the European Youth Heart Study and the U.K. Millennium Cohort Study.
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