



### **Vivometrics® Introduces Pediatric LifeShirt® System**

Ventura, Calif., April 23, 2003 -- Following the FDA clearance and successful market launch of its adult-size LifeShirt System one year ago, VivoMetrics has introduced a new, pediatric version for children ages 5 to 17. The first monitoring device for children of its kind, the pediatric LifeShirt System allows researchers and clinicians to view real-world physiologic data on young patients in a variety of settings, including healthcare, academic research and pharmaceutical clinical trials.

"As a physician in pediatrics, I believe the LifeShirt System can have a profound impact on doctors' ability to better screen their pediatric patients for sleep disorders, asthma, respiratory conditions, cystic fibrosis and a number of other conditions," said Dr. Chris Landon, pediatric pulmonologist and director of Pediatric Diagnostic Center (Ventura, Calif.). "The LifeShirt can be easily incorporated into a child's daily activities, such as going to school, playing sports, watching TV and also sleeping. The physician is then able to get a view of continuous, real-world data that can aid in diagnosis and decisions regarding treatment."

VivoMetrics designed the pediatric LifeShirt System to meet an increased demand for effective monitoring of young patients, particularly in screening for Obstructive Sleep Apnea (OSA). According to the American Academy of Pediatrics' new clinical guidelines, it is recommended that children who habitually snore be screened for OSA. With the pediatric LifeShirt System, children can be screened for this condition and other sleep-related disorders at home, in the comfort and convenience of their own beds, versus the unfamiliar and uncomfortable environment of sleep labs - many of which do not accommodate children.

Several prominent medical research institutions have begun using the pediatric LifeShirt System, including Stanford University Medical Center and the University of Washington. At Stanford, researchers are using the child-size monitoring system to conduct the first empirical evaluation of systematic, multi-modal treatment for post-traumatic stress disorder (PTSD) and trauma-related symptoms in children. University of Washington researchers are using the pediatric LifeShirt System to examine the psycho-physiological markers of attention deficit/ hyperactivity disorder (AD/HD) in preschool children. The pediatric LifeShirt System is also a new monitoring option for the growing number of pharmaceutical researchers testing new drug therapies for children. According to MEDCO Health, spending on prescription drugs for children under 19 has grown by 85 percent over the past five years. In addition, recent FDA rulings require increased testing of drugs that are expanding their labeling to include children.

VivoMetrics' anticipates its pediatric LifeShirt System will help pharmaceutical researchers create a highly efficient clinical development environment with respect to young trial subjects, enabling them to bring new and valuable drug therapies to the pediatrics sector more quickly and inexpensively. "The dramatic increase of childhood obesity and related disorders, combined with the explosion of new drugs intended to treat young patients, represents a clear need for a customized physiologic monitoring system," said Paul Kennedy, chief executive officer of VivoMetrics. "We've had very positive response thus far from both physicians and researchers because the LifeShirt System provides an easy-to-wear, non-invasive monitoring option, which is particularly important with active children."

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