

PRESS RELEASE



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ADVANCED BRAIN MONITORING ARES™ RECEIVES FROST & SULLIVAN PRODUCT INNOVATION AWARD

CARLSBAD, CALIFORNIA, May 22, 2007 - *Frost & Sullivan* presented Advanced Brain Monitoring, Inc. with the 2006 Product Innovation Award for the Apnea Risk Evaluation System (ARES™) in the field of European sleep diagnostics and associated data management systems market. The *Frost & Sullivan* Award for Product Innovation is presented each year to companies that showcase new product introductions. The honor also recognizes competitive advantage citing unique or revolutionary technology, acceptance in the marketplace or the value addition of services to customers .

The patented ARES™ provides an integrated approach to the assessment of sleep related breathing disorders. The diagnostic system leverages a convenient, easy-to-use recorder affixed to the forehead and automated scoring software, which assists in diagnosis of Obstructive Sleep Apnea (OSA) and identifies individuals in need of a sleep study.

“The laboratory-level accuracy, portability, ease of applicability and affordability make it one of the best choices for the large numbers of undiagnosed patients unknowingly suffering from this serious sleep disorder,,” says *Frost and Sullivan’s* analyst Jessy Varghese. This award follows a report from the Institute of Medicine, a component of the *National Academy of Sciences*, suggesting the ARES technology could enhance the feasibility of portable monitoring for OSA, and importantly, help increase a patient’s quality of life.

“We are honored to be recognized for our product innovation and commitment to scientific excellence,” said Daniel Levendowski, President of Advanced Brain Monitoring. “Our published scientific data reveals more than 275 ARES comparisons to the gold standard laboratory polysomnography, demonstrating the validity of a highly accurate, more convenient, and less expensive means to diagnose OSA. In the spirit of the *Frost and Sullivan* award, we have recently expanded the capabilities of the ARES to meet the unique needs of hospitals seeking to reduce perioperative complications resulting from undiagnosed OSA.”

ARES Notoriety

The ARES was recently selected by the National Heart, Lung and Blood Institute and six other components of the *National Institute of Health* (NIH) for the Hispanic Community Health Study. As many as 16,000 participants will be studied as part of the epidemiological study designed to identify the prevalence and risk factors for a wide variety of diseases, disorders and conditions, including obstructive sleep apnea. “With the enrollment expected to exceed the NIH Health Heart Sleep Study by over 50 percent, the Hispanic Community Health Study is unprecedented in its size and scope,” said Dr. Susan Redline, one of the principal investigators.

In the largest study to date assessing the prevalence of undiagnosed OSA in patients prior to surgery, ARES results showed that approximately 20 percent of the participants had moderate to severe sleep disordered breathing.

“These findings are important because undiagnosed OSA can result in important perioperative complications, including the potential for death” stated Dr. Philip R. Westbrook, Chief Medical Officer of Advanced Brain Monitoring, “The results eclipse previous estimates of the prevalence of OSA, possibly due to the age and health status of patients undergoing surgery, and over 75 percent of the perioperative patients with sleep disordered breathing were undiagnosed.”

In this study the ARES Questionnaire analysis was used to identify patients with the greatest risk of having undiagnosed OSA followed by an ARES sleep study. An ARES report on OSA severity was available within minutes after the device was returned to the hospital.

About Advanced Brain Monitoring, Inc. –

Advanced Brain Monitoring markets patented instrument systems that combine laboratory-level accuracy with the portability, ease of use, and low cost of consumer electronics. These systems can be used to diagnose sleep and neurological disease, and to assess alertness, memory, and other cognitive states. Our expertise is in the design and integration of novel sensors and miniature hardware, and the development of automated algorithms for signal analysis. *Advanced Brain Monitoring* has been awarded over 30 grants or contracts totaling over \$12.2 million from the National Institute of Health, Defense Advanced Research Projects Agency, and Office of Naval Research. For more information, visit www.b-alert.com.

About Frost & Sullivan -

Frost & Sullivan, a global growth consulting company, has been partnering with clients to support the development of innovative strategies for more than 40 years. The company's industry expertise integrates growth consulting, growth partnership services, and corporate management training to identify and develop opportunities. *Frost & Sullivan* serves an extensive clientele that includes Global 1000 companies, emerging companies, and the investment community by providing comprehensive industry coverage that reflects a unique global perspective and combines ongoing analysis of markets, technologies, econometrics, and demographics. For more information, visit www.frost.com.