

Contact: Eric Lichtenstein  
Cybernet Medical  
734/668-2567  
elichten@cybernet.com

Michelle Sloan  
Sterling Communications Inc.  
253/853-5030  
msloan@sterlingpr.com

## **Cybernet Medical Awarded Federal Contract for Hand-held Biometric Tool**

*New Technology Under Development to Advance Company's MedStar Products*

**Ann Arbor, Michigan - February 20, 2002** - Cybernet Medical, a leading developer of biometric monitoring technology and medical devices for the disease management industry, has been awarded a Small Business Innovation Research (SBIR) Phase I contract to develop a hand-held Readiness Assessment Tool for the Office of the Undersecretary of Defense. Directed by the U.S. Army Research Laboratory, the project will result in a new device to be used in the field for assessing a soldier's level of cognitive ability during training exercises.

Cybernet Medical will build on its existing biometric collection technology used in its flagship product, MedStar™, to design the blueprint for the Readiness Assessment Tool. The new tool employs standard measurement devices to collect biometric data, such as heart rate and blood pressure. It then has the ability to initiate human interaction by posing a series of questions, such as "How do you feel?" or "Are you tired?" Mathematical parameters interpret the answers, providing a logical assessment of the soldier's mental and physical state. Ultimately, this technology will also lead to the development of MedStar 3 products for Cybernet Medical.

"Cybernet Medical's advanced biometric collection technology can be adapted to uses outside of the disease management realm," notes Charles Jacobus, Ph.D., Cybernet Systems CEO. "We know patient monitoring is effective for determining the effects of stress in space through our biometric data collection work with NASA; now we are advancing to the next level by combining subjective data with biological information to get an overall picture of health. The SBIR contract will enable Cybernet Medical to further develop and test this technology in the field."

This development project furthers Cybernet Medical's mission to create medical technology that will enhance the quality of life for the general public. The Readiness Assessment Tool will not only advance the company's biometric data collection technology, it will also allow for exploration into other disease states that could be better managed with daily at-home patient monitoring, and possible applications in fields such as psychology, cognitive neuro-feedback and mental state assessment.

Cybernet Medical deployed the first MedStar in the summer of 2001. The company has completed the MedStar 2 submission for FDA approval to cover use for outpatient measurement and enforcement of parametric limits for EKG and glucose readings, as well as blood pressure and weight.

### **About Cybernet Medical**

Cybernet Medical is an innovative, technology-based company focused on using state of the art systems to augment the way chronic care patients are monitored and diagnosed. Through research funded by NASA, National Institutes of Health and Defense Advanced Research Projects Agency (DARPA), Cybernet Medical has developed and patented electronic devices, complex network and server systems, database solutions, and web-based user interfaces for the collection and management of biometric data. Cybernet Medical is a division of Cybernet Systems, a research and

development firm based in Ann Arbor, Mich. For more information on Cybernet Medical, visit the company's web site at [www.cybernetmedical.com](http://www.cybernetmedical.com) or call 734/668-2567.

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