



ARIZONA STATE UNIVERSITY

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KINETIC MUSCLES RECEIVES \$1.2 MILLION NATIONAL INSTITUTES OF HEALTH GRANT

Kinetic Muscles, Inc. (KMI) announced today that it has received a \$1.2 million Small Business Innovation Research (SBIR) Phase II grant from the National Institutes of Health (NIH). The grant will fund a 3-year, 70 patient clinical trial to study the use of the KMI Hand Mentor™ in the homes of stroke patients. This proprietary medical device is based on Active Repetitive Motion principles that help stroke survivors regain hand function and independence. KMI devices facilitate stroke therapies based on new concepts that have shown that the adult brain has the ability to rewire and repair itself (called neuroplasticity).

KMI credits both ASU Technopolis and a grant from the Arizona Federal and State Technology (AZFAST) Partnership Program (a program of the Arizona Department of Commerce) for providing the assistance they needed to prepare the award winning National Institutes of Health grant proposal for SBIR funds. Small Business Innovation Research (SBIR) grants support business and product strategies with funding from the federal government as an alternative to or in coordination with other forms of business financing.

Stroke is the leading cause of adult disability in the United States. There are approximately 590,000 stroke survivors each year and 4.8 million people with residual disability as a result of their stroke. KMI devices can improve the quality of life for both groups of patients.

"An essential ingredient to improving the function of stroke survivors is lots of hard work by the patient. This NIH award will help us quantify the positive results our customers are seeing. Another AZFAST grant will help us prepare an NIH research proposal that enhances KMI's technical capability to

(More)

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foster patient compliance with therapy protocols through a home monitoring program. This advancement is consistent with our mission to help people with neurological injuries improve their function and quality of life by delivering innovative products for clinic and home use," said Edward Koeneman, Co-Founder of KMI.

KMI is now seeking candidates for its new clinical trial; interested participants residing in greater Phoenix can contact KMI at 480-557-0448 or visit www.kinecticmuscles.com for more information.

KMI, located in Tempe, Arizona, was named the "Start-Up Company of the Year" at the Governor's Celebration of Innovation, and "Medical Device Company of the Year" by the Arizona Bioindustry Association. Over the past two years, KMI technology has been the basis for grants and a contract from NIH totaling over \$3.5 million.

ASU Technopolis has assisted KMI through its SBIR/STTR suite of entrepreneurial programs. ASU Technopolis is the high impact initiative of Arizona State University's President Michael Crow designed to move research in technology and the life sciences into the private sector and international economic arena. Through a combination of targeted entrepreneurial education, coaching, and networking, ASU Technopolis is producing results that contribute to business expansion, job growth, and greater prosperity for the state. Visit www.asutechnopolis.org for further information about ASU Technopolis.

ASU's Office of Economic Affairs (within the Office of the Vice President for Research and Economic Affairs) administers the ASU Technopolis program. The Office of Economic Affairs works to connect the university and business community to stimulate and add value to the local and state economies.

The AZFAST program (a program of the Arizona Department of Commerce) assists small businesses in commercializing technology through the federal Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) grant programs. Visit www.commerce.state.az.us/ for further information about the Arizona Department of Commerce and its programs.