



Company Overview

Cadence Biomedical, headquartered in Seattle, WA, is an early stage medical device company that is committed to helping the 2.3 million Americans who suffer severe mobility impairments to gain a more mobile and independent life.

Cadence is currently developing a new class of device, a kinetic orthosis, which provides stability and movement assistance to weakened muscles without the use of powered mechanisms. The device has the potential not only to improve walking ability, but to deliver therapeutic rehabilitation by allowing those who would otherwise require wheelchairs to regain strength and coordination.

Worn externally on the legs, the device uses a proprietary tuned system of springs and cams to capture the energy typically wasted during the beginning of a step. The device then returns this energy at the end of the step to amplify muscle strength, helping to propel the user forward and lift the leg in preparation for the next step.

Proof-of-concept trials are underway for the kinetic orthosis. In June 2011, the device helped a woman with ALS take her first steps on her own in over 5 years. Positive outcomes have also been seen in walking ability and speed for stroke patients.

The kinetic orthosis product is based on a novel exotendon technology invented at the Cleveland Clinic by world-renowned researcher Dr. A.J. van den Bogert. Cadence closed its first round of funding in August 2010 (as Empowering Engineering Technologies, Corp.) and signed a perpetual, worldwide exclusive license agreement with the Cleveland Clinic to develop and market the technology. First sales of the kinetic orthosis are expected in Q1 2012.

For more information, please visit us at <http://cadencebiomedical.com>



Additional Facts

Founded: 2007

Facilities: Headquarters in Seattle, WA

Financing: Private investment and grants from the U.S. Army

Employees: 4 employees

Management Team:

Brian Glaister, President and Chief Executive Officer

Chie Kawahara, Vice President of Operations

Jason Schoen, Vice President of Product Development

Alex Pacanowsky, Vice President of Engineering

Board of Directors:

Michael Hovanes, Chairman of the Board

George Saul, Director

John Castle, Director

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For more information, please visit us at <http://cadencebiomedical.com>