



Meet the Praxis SCI Accelerate 2021 Cohort

Praxis Spinal Cord Institute is pleased to announce the cohort of four high-impact technology ventures.

Carefully selected by a panel of spinal cord injury (SCI) consumers, researchers, and commercial leaders, these four companies address key challenges for people with SCI and have potential to transform healthcare outcomes for the broader community.

Praxis Spinal Cord Institute's SCI Accelerate program is made possible through support from:

Canada  Western Economic Diversification Canada Diversification de l'économie de l'Ouest Canada

 **Genome**
British Columbia

 **UNIVERSITY OF WATERLOO**



Our Cohort

 **abilitech**
MEDICAL



HUMAN IN MOTION
ROBOTICS



WheelAir

Praxis bridges health evidence with real-world delivery.
Learn more at WWW.PRAXISINSTITUTE.ORG

Meet the 2021 Cohort



"Technology is an upper arm orthotic that leverages the user's strength to perform activities such as eating, drinking, self-care and even using the computer."

www.abilitechmedical.com

Abilitech™ Medical develops and markets assistive technology to restore independence to individuals compromised by neuromuscular weakness or injury in their arms, such as spinal cord injury, multiple sclerosis, muscular dystrophy, and stroke. Abilitech's suite of orthotic devices will support and assist the arms in functional tasks required for independence in daily life.



HUMAN IN MOTION
ROBOTICS

"XoMotion provides advanced articulation and superior range of motion, allowing for natural walking, self-balancing capabilities, and independent use."

www.humaninmotion.ca

Human in Motion Robotics Inc. (HMR) is a British Columbia, Canada, based developer of the next generation wearable lower-limb exoskeleton, named XoMotion, designed to get people out of wheelchairs and walking again with full mobility and independence. A radical improvement to the current technology, XoMotion offers revolutionary opportunities in both rehabilitation and personal use for a wide range of users.



"A medical device company developing neuromodulation devices leveraging cutting-edge research from the lab of Dr. V Reggie Edgerton."

www.spinexmed.com

SpineX Inc. is an early stage medical device company developing neuromodulation devices leveraging cutting-edge research from the lab of Dr. V Reggie Edgerton, PhD at UCLA. SpineX develops biotechnologies for people with unmet medical needs that interface with the enormous adaptive power of the nervous system to restore lost motor and physiological functions.



"The first temperature control system designed specifically for individuals using wheelchairs."

www.wheelair.co.uk

WheelAir system is the first temperature control system designed to fit any wheelchair. The product helps to disperse air evenly across the back to lower core temperature, keeping the skin dry and clean. This helps to avoid symptoms caused by overheating and over sweating, allowing users to stay comfortable and in control. WheelAir is formed to meet the unmet requirements in rehabilitation product design and mobility equipment. It aims to be the centre of expertise for heating and cooling applications in the healthcare industry.

Interested in investing, mentoring or collaborating with these companies? Get in touch with us:

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For more information about the Accelerator and companies, visit
WWW.PRAXISINSTITUTE.ORG/COMMERCIALIZATION