



Brain-Controlled Restoration or Motion

VIBRAINT Inc. (Ontario, Canada) team of clinicians, neuroscientists, engineers, entrepreneurs has been developing state-of-the-art neurotechnologies to improve people's lives since 2013.

One in six people worldwide are affected by stroke. Annually 500,000 have spinal cord injury. As a result, more than 120 million worldwide live paralyzed, 6 million of them - in Canada and the USA. Up to 85% of stroke survivors and almost totality of the spinal cord injury patients experience paralysis. No wonder, by 2027 the global rehabilitation exercise equipment market will reach \$24B.

VIBRAINT RehUp is a breakthrough brain-controlled rehabilitation robotics designed to help paralyzed patients in regaining movement - even in largely or totally immobilized limbs.

After a successful clinical pilot we have organized a series of clinical studies across North America partnering with York University, Toronto Rehabilitation Institute, University of Calgary, Hamilton Healthcare Science, Mayo Clinic (USA), University Anahuac (Mexico) etc.

Our solution is planned to be cleared by Health Canada and FDA in 2024 -2025 and then marketed.

The venture activities have been supported by MaRS, University of Toronto's Health Innovation Hub (H2i), CanStroke Recovery Trials Platform, Ontario Bioscience Innovation Organization, York University's YSpace, York Entrepreneurship Development Institution (YEDI), LatAm Startups accelerator, Innovation Factory/Synapse Consortium and others.

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In 2021 VIBRAINT RehUp won a Judges' Choice Prize and was a Final Runner-Up at the Praxis Institute Health Innovation Challenge, was nominated for the worldwide prestigious BCI Award. In 2022 it was named the Most Revolutionary Neurorehabilitation Device 2022 by Global Health & Pharma International Life Sciences Awards.

For more information please visit www.vibrant.ai, email rehup@vibrant.ai or give us a call (416) 452 0128