



# Meet the Praxis SCI Incubate 2023 Cohort

Praxis Spinal Cord Institute is pleased to announce the three transformative technologies following a worldwide call for innovations.

Carefully selected by an expert panel of spinal cord injury (SCI) consumers, researchers, and commercial leaders, these three early stage innovations address care- and cure-related treatments for people with SCI and have the potential to transform healthcare outcomes for the broader community.

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

Canada



Western Economic  
Diversification Canada

Diversification de l'économie  
de l'Ouest Canada



## Our Cohort

**BATTELLE**



inContAlert



Praxis bridges health evidence with real-world delivery.  
Learn more at [WWW.PRAXISINSTITUTE.ORG](http://WWW.PRAXISINSTITUTE.ORG)

## Meet the 2023 Cohort



[www.battelle.org/markets/health/medical-technology/neurotechnology](http://www.battelle.org/markets/health/medical-technology/neurotechnology)

Battelle's NeuroLife® wearable sleeve showcases a unique background in developing life-enhancing products. For the first time ever, this technology allows us to measure the nerves and muscles of the forearm with high resolution and in real-time. The result is targeted stimulation interventions that recreate complex, dexterous hand movements.



inContAlert

[incontalert.de/](http://incontalert.de/)

inContAlert helps incontinence patients to monitor the filling level of their urinary bladder. How it works: The startup developed a wearable technology that scans the bladder unobtrusively throughout the day. The wearable is worn two fingers above the pubic bone and fastened with the waistband of the underpants, a smart belt, or a patch. Analyzing the patient's data through deep learning algorithms, the information is then displayed on an app (outpatient/ private use) or a dashboard solution (clinical use). It ultimately sends an alert to the incontinence patient or nurse when a predefined filling level is reached.

Why it's awesome: inContAlert minimizes the risk of an uncontrolled loss of urine as well as the risk of a harmful over-distension of the bladder. No more avoidable catheters. No more needless emptying/cleaning through nurses. No more diapers. With the help of inContAlert, incontinence patients can go back to normal and live a carefree life.



Focal Lines Technologies, is a Vancouver, BC based company pioneering in the field of smart material development and its integration in remote health technology and virtual care. Their cutting-edge platform utilizes an advanced e-textile sensor system, based on novel class of nanomaterials, to seamlessly connect and monitor patients remotely. Take control of your rehabilitation journey with the Musculoskeletal Management Platform (MSMP). Their innovative solution offers the convenience of virtual care, cost savings, and self-management programs, all while providing smart rehabilitation insights to help individuals regain independence. (Focal Lines is supported as part of Praxis SCI Validate Program 2023).

*Praxis SCI Validate Program is a 4-month program geared towards early-stage innovation projects that will receive a subset of SCI Incubate Program, with a focus on PLEX-based user testing developing technologies to transform the lives of people living with SCI.*

For more information about the Praxis SCI Incubate Program, visit

[WWW.PRAXISINSTITUTE.ORG/COMMERCIALIZATION](http://WWW.PRAXISINSTITUTE.ORG/COMMERCIALIZATION)