POWER OF PARTNERSHIPS

The Government of New Brunswick and our partners have played a leading role in supporting spinal cord injury (SCI) research and best practices in the province by providing critical investments and services. This support has distinguished Canada as a leader in medical research, treatment and care for people living with SCI.

THE NUMBERS

140 days
Median length of hospital stay and rehabilitation for individuals with SCI. Required care is highly specialized and hugely complex.

$78 million
Estimated annual amount that spinal cord injuries cost the Government of New Brunswick in health care and support costs. As the population ages and more serious injuries occur from falls, these costs will increase dramatically.

1,023 residents
Estimated number of New Brunswick residents living with traumatic spinal cord injuries, with more than 33 new injuries occurring every year.
TANGIBLE PROGRESS

The Rick Hansen Institute connects scientists, researchers, surgeons and practitioners to acquire and translate research findings into practical solutions.

2,100+ Canadians with SCI have been enrolled in The Rick Hansen Spinal Cord Injury Registry, with 60 participants being added each month. Sites at the Moncton Hospital and the Stan Cassidy Centre for Rehabilitation in Fredericton are in development to participate in this Registry with 29 other Canadian medical facilities (plus three global sites engaged in knowledge transfer).

52% of RHI projects have demonstrably influenced further research

31% of RHI projects have demonstrably benefitted clinical practice in New Brunswick, and Canada.

500 clinical and research team members have been engaged in 68 RHI translational research and best practices implementation projects.

20% improvement in outcomes and reduction in impairment demonstrated after early surgical intervention, based on results from the RHI-supported clinical trial Surgical Treatment for Acute Spinal Cord Injury Study (STASCIS).

- New national standards for SCI care are being developed in partnership with Accreditation Canada - AN INTERNATIONAL FIRST.
- Research projects underway at the STAN CASSIDY CENTRE in Fredericton include investigation of the efficacy of functional electrical stimulation (FES) to reduce lower limb spasticity and upper limb function, and drug therapies to IMPROVE WALKING ABILITY in people with spinal cord injury and multiple sclerosis.
- Fredericton is one of three locations in Canada that is currently examining the feasibility of an Internet Pressure Ulcer Clinic. Using the Internet to connect pressure-ulcer patients to remote specialists, Telehealth initiatives such as this one are providing EXPERT HEALTH CARE to all locations in Canada.
- CAMPER, a Canadian multi-center clinical trial on Cerebrospinal Fluid Pressure Monitoring and Biomarker Validation, aims to MINIMIZE SECONDARY DAMAGE TO THE SPINAL CORD.

$431,547 invested by the Rick Hansen Foundation and the Rick Hansen Institute for research and quality of life projects in New Brunswick.

Learn more. www.rickhanseninstitute.org