The Rick Hansen SCI Registry (RHSCIR) is a pan-Canadian prospective observational registry of individuals sustaining a traumatic spinal cord injury at 31 major Canadian acute care and rehabilitation hospitals. It links clinicians, researchers and health care administrators to facilitate the translation of research into clinical practice and promotion of evidence-based practices. The ultimate goal of RHSCIR is to improve the quality of life of those living with spinal cord injury (SCI).

**PROJECT PURPOSE**

The **Rick Hansen SCI Registry (RHSCIR)** is a pan-Canadian prospective observational registry of individuals sustaining a traumatic spinal cord injury at 31 major Canadian acute care and rehabilitation hospitals. It links clinicians, researchers and health care administrators to facilitate the translation of research into clinical practice and promotion of evidence-based practices. The ultimate goal of RHSCIR is to improve the quality of life of those living with spinal cord injury (SCI).

**BETTER OUTCOMES FOR PEOPLE LIVING WITH SCI**

The most vital and fundamental component of RHSCIR is its contributors - people with traumatic spinal cord injuries. Their continued participation determines the value and success of this registry. In the long term, the reward is clear - RHSCIR will accelerate the discovery, validation and translation of relevant treatments and practices with the goal of improving outcomes and quality of life for people living with SCI.

**AN INVALUABLE RESOURCE FOR RESEARCHERS AND CLINICIANS SEEKING TO BETTER UNDERSTAND SCI**

The data collected in the Registry contains powerful information that will help track the effectiveness of specific treatments, practices or programs for improving functional outcomes and quality of life after SCI. As well, RHSCIR is expanding its reach internationally to improve the quality of data that is being collected.

RHSCIR collects data using a powerful data collection and management platform called the Global Research Platform (GRP). This tool was developed by Rick Hansen Institute’s (RHI) in-house specialized IT team and has been in use in RHSCIR-sponsored sites since November 2011; it is also used to support important new multi-centre clinical trials for SCI and other conditions.

RHSCIR provides the larger community of researchers, clinicians and health care professionals, government organizations, other funders, and industry with a powerful research and reporting tool. It promotes collaboration and

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The Rick Hansen SCI Registry is located at the following facilities:

**VANCOUVER, BC**
- GF Strong Rehabilitation Centre
- Vancouver General Hospital

**CALGARY, AB**
- Foothills Medical Centre

**EDMONTON, AB**
- Glenrose Rehabilitation Hospital
- Royal Alexandra Hospital
- University of Alberta Hospital

**SASKATOON, SK**
- Royal University Hospital
- Saskatoon City Hospital

**WINNIPEG, MB**
- Winnipeg Health Sciences Centre

**TORONTO, ON**
- Toronto Rehabilitation Institute-Lyndhurst Centre
- St. Michael’s Hospital
- Sunnybrook Health Sciences Centre
- Toronto Western Hospital

**LONDON, ON**
- Parkwood Hospital
- University Hospital

**OTTAWA, ON**
- Ottawa Hospital Rehabilitation Centre
- Ottawa Hospital, Civic Campus

**QUEBEC CITY, QC**
- Centre Hospitalier Universitaire de Québec
- Institut de réadaptation en déficience physique de Québec

**MONTREAL, QC**
- Centre de réadaptation Lucie-Bruneau
- Hôpital du Sacré-Cœur de Montréal
- Institut de réadaptation Gingras-Lindsay-de-Montréal

**HALIFAX, NS**
- Nova Scotia Rehabilitation Centre
- QEII Health Sciences Centre

**SAINT JOHN, NB**
- Saint John Regional Hospital

**FREDERICTON, NB**
- Stan Cassidy Centre for Rehabilitation

**ST. JOHN’S, NL**
- St. John’s Health Sciences Centre
- L.A. Miller Rehabilitation Centre
research, helps partners achieve their SCI information goals, ensures data quality, and remains current with changing trends and issues in health care management.

**RECENT ACTIVITIES**

**Research Publications:** In partnership with the national RHSCIR Network (31 acute and rehab facilities across Canada), RHI is currently working on several research publications using the national RHSCIR data. Please check the Scientific Reports & Presentations section of our website for the latest publications. [rickhanseninstitute.org/resource/publications-media/select-papers-and-reports](http://rickhanseninstitute.org/resource/publications-media/select-papers-and-reports)

**Supporting Clinical Initiatives in Spinal Cord Injury (SCI²):** [sci2.rickhanseninstitute.org](http://sci2.rickhanseninstitute.org) This resource site encourages front-line clinicians to become more involved in RHSCIR. The site hosts expert-curated resources, toolkits for assessments, and clinical reports using RHSCIR data. These reports give simple, actionable information about each of the clinical areas on SCI² and shows how patients change over time and how they compare to patients across the country.

**RHSCIR Special Report 2011-2013:** This report is the first of its kind in Canada specific to the traumatic SCI population, and includes data on areas such as demographics, level and severity of injury, length of stay in acute and rehab care and social impacts post-injury such as income, marital status and employment. The report can be downloaded at [sci2.rickhanseninstitute.org/images/Images/sci2/Home/RHSCIRspecialreport.pdf](http://sci2.rickhanseninstitute.org/images/Images/sci2/Home/RHSCIRspecialreport.pdf).

**International Collaborations:** Since 2015, Registry sites have been established in China, New Zealand and Israel, marking its turn as a truly global study that connects the international SCI research and clinical care communities. There are currently more than 6,000 individuals with SCI enrolled in the Registry.

**PROJECT TEAM**

**Principal Investigator**
Marcel Dvorak, MD, FRCSC
University of British Columbia

**Contacts**

**GENERAL**
Daniel Rogers, BSc, PMP, CCRP
drogers@rickhanseninstitute.org

**DATA ACCESS**
Suzanne Humphreys
shumphreys@rickhanseninstitute.org

**RESEARCH**
Carly Rivers, PhD
crivers@rickhanseninstitute.org
Vanessa Noonan, PhD PT
vnoonan@rickhanseninstitute.org

**Learn More**
www.rickhanseninstitute.org or
sci2.rickhanseninstitute.org

**TOTAL RHSCIR ENROLLMENT: 2004-2016**

*as of November 23, 2016

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**The Rick Hansen Institute is a Canadian-based not-for-profit organization with the goal of creating a world without paralysis after spinal cord injury. It works towards this goal by accelerating research and translating clinical findings into practical solutions to develop new treatments, improve health care outcomes, reduce long-term costs and improve the quality of life for those living with spinal cord injury. www.rickhanseninstitute.org**