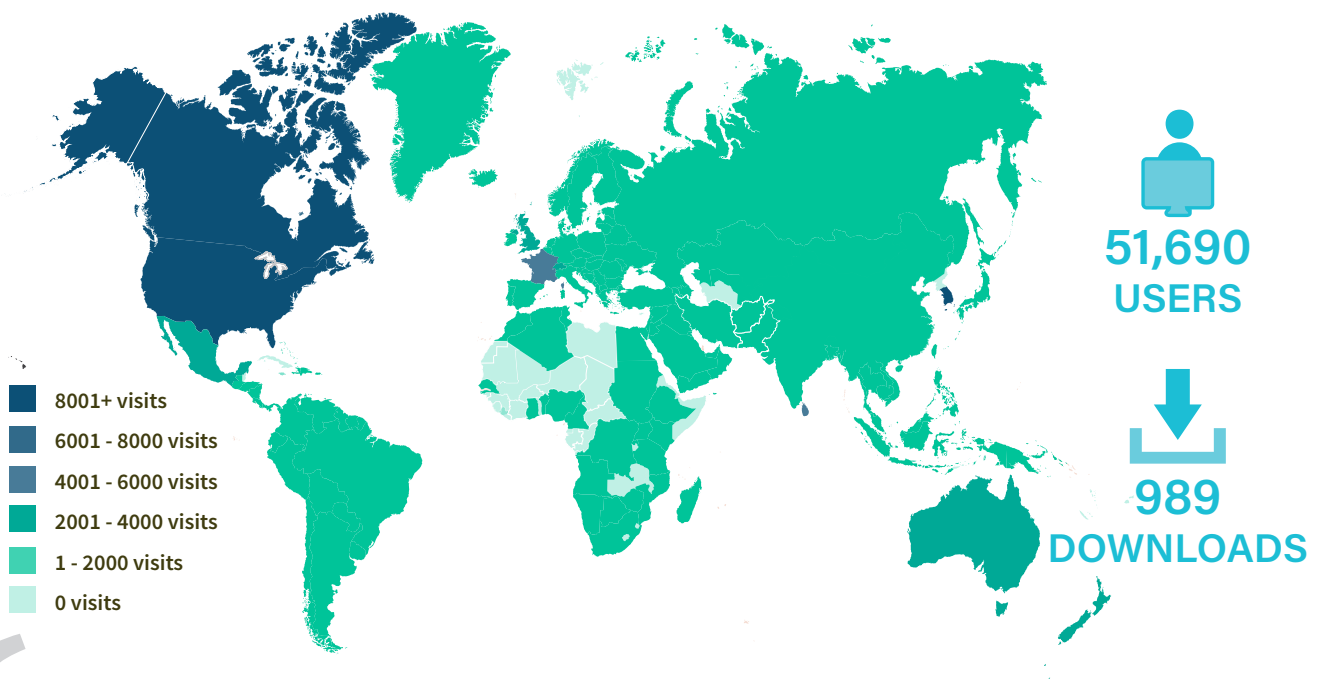# PROJECT SPOTLIGHT
ISNCSCI ALGORITHM

A Praxis Spinal Cord Institute innovation, the ISNCSCI Algorithm is a free tool that helps classify spinal cord injuries. The Algorithm is based on the International Standards for Neurological Classification of Spinal Cord Injury (ISNCSCI) – the gold standard for determining neurological impairment after SCI.

WORLDWIDE REACH

This map shows countries of ISNCSCI Algorithm website visitors since launching in 2012. (Data collected between August 1, 2012 and April 15, 2018.)

- 8001+ visits
- 6001 - 8000 visits
- 4001 - 6000 visits
- 2001 - 4000 visits
- 1 - 2000 visits
- 0 visits

51,690 USERS

989 DOWNLOADS

> "Very useful as a clinical tool in my setting, time-saving and efficient way of performing this complex assessment. — ISNCSCI Algorithm user

4 SPINAL CORD INJURY REGISTRIES USE THE ALGORITHM

- Australasian Spinal Care Registry
- New Zealand Spinal Cord Injury Registry
- Spinal Cord Injury Model Systems
- Rick Hansen Spinal Cord Injury Registry

INTEGRATED INTO ELECTRONIC MEDICAL RECORDS FROM AROUND THE WORLD

DENMARK — Clinic for Spinal Cord Injuries, Rigshospitalet

FINLAND — Oulu University Hospital

USA — The Craig Hospital

USA — Epic Systems Corporation

Hospitals in MEXICO and KOREA

THE ALGORITHM IS USED FOR...

- **CLINICAL DOCUMENTATION AND IMPROVING QUALITY OF DATA**
- **PATIENT MOTIVATION FOR ONGOING PHYSIOTHERAPY**
- **FOLLOWING PROGRESS OVER TIME**
- **PROVIDING PATIENTS WITH A RECORD OF THEIR ISNCSCI ASSESSMENT**
- **BUILDING THE CASE FOR FINANCIAL ASSISTANCE** for patients that require adapted equipment and ongoing care

WHY DEVELOP THE ALGORITHM?

Research has shown high error rates in ISNCSCI exam classification. Since this classification is used to inform patient recovery expectations, evaluate the impact of clinical and research interventions and assess ability to participate in clinical trials, it is imperative that the classification be done accurately and reliably.

The Rick Hansen Institute, in collaboration with ISCoS and a group of international experts, created the ISNCSCI Algorithm in order to create a standardized and more accurate tool to classify the ISNCSCI. The Algorithm is a user-friendly, computerized application that captures ISNCSCI exam information. It uses the most current classification rules and provides an accurate diagnosis of level and severity of injury that supports education, research and clinical care.