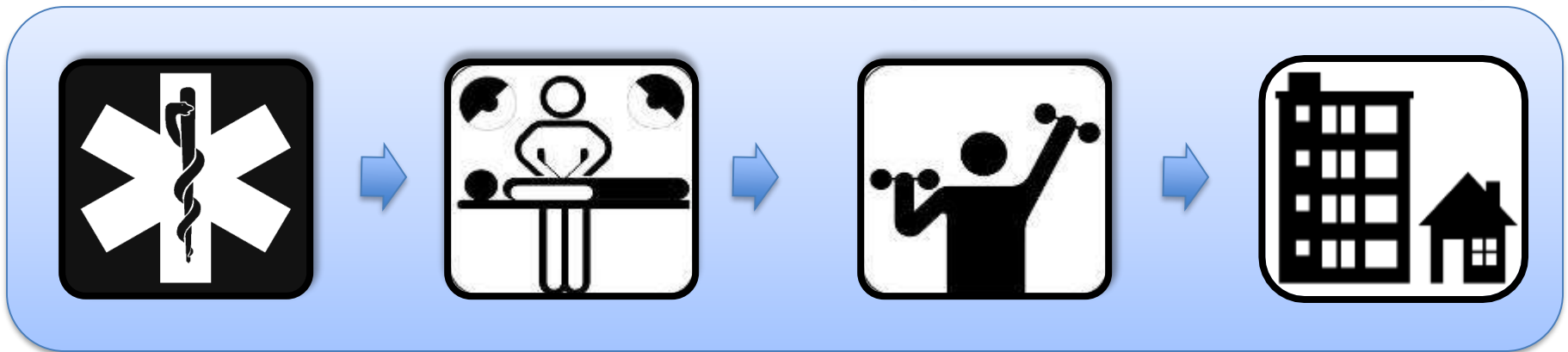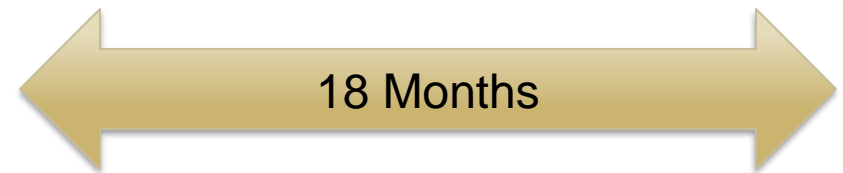# Objectives

- Review the SCI-High Mission and Aim
- Demonstrate national stakeholder engagement throughout our processes
- Share an overview of the SCI-High project methodology

Who Are We?

Aim

To advance SCI rehabilitation care for Canadians in the first 18 months after inpatient rehabilitation admission by 2020.

Mission Statement

"Establish a comprehensive framework of structure, process & outcome <u>indicators</u> to improve standards of spinal cord injury rehabilitation in Canada."

This will be accomplished through:

Consultation with relevant stakeholders including Accreditation Canada, HSO, RHI, ONF, scientists, health policy makers, leaders, administrators, health care providers and consumers.

Indicators

Structure Indicators	
	Describes the infrastructure, personal and organizational characteristics of the institution where care is provided. Example: The number of health specialists at an institution or number of beds in a hospital.

| Process Indicators	
	Represents the actions taken by health care providers to achieve a given or specific care goal. Example: The percentage of cancer patients receiving chemotherapy within 30 days of tumour diagnosis.

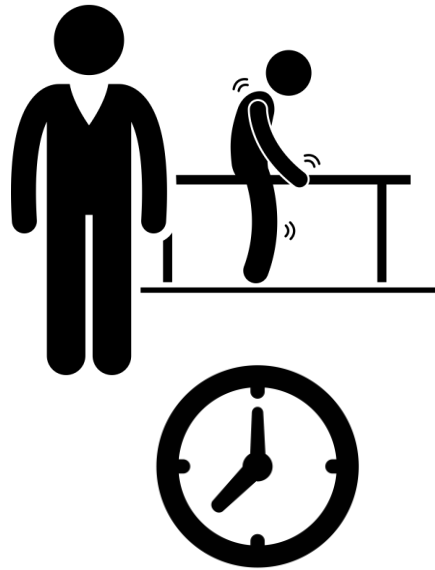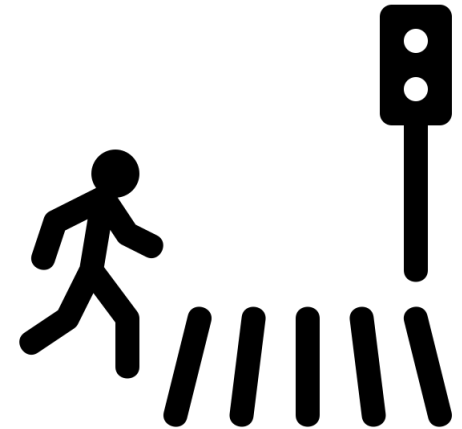| Outcome Indicators	
	Describes the effect of care on the patient's health and wellbeing. Outcome indicators explore patients' clinical (e.g. insulin requirement), functional (e.g. grasping ability) and satisfaction (e.g. sadness, anger, happiness) measurements.

STRUCTURE
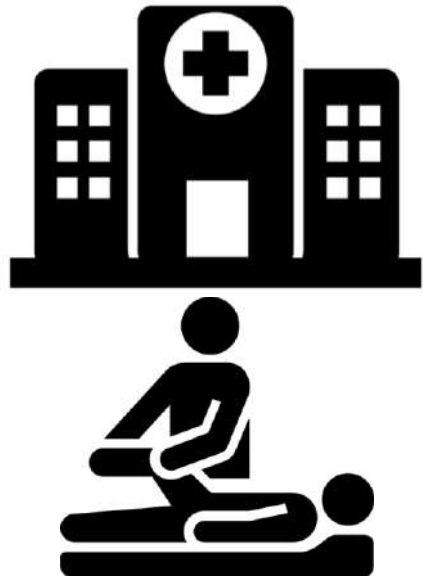
PROCESS

OUTCOME

Framework of Rehabilitation Goals
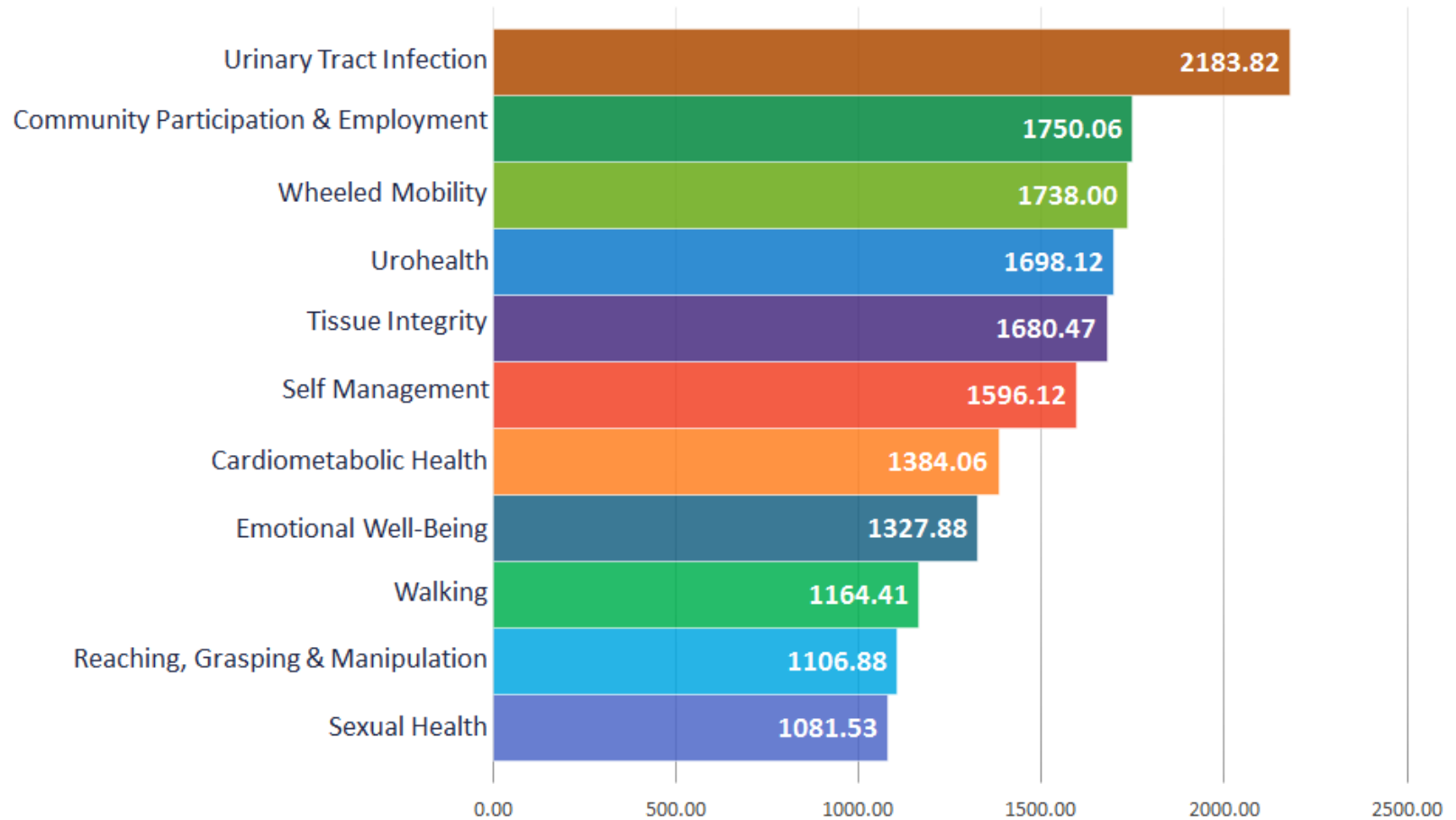
Hanlon Method for Ranking Rehab Priorities

Rank the domains of rehabilitation care – Based on the priority scores calculated (Step 1) of the Hanlon Method, and feasibility score (Step 2).
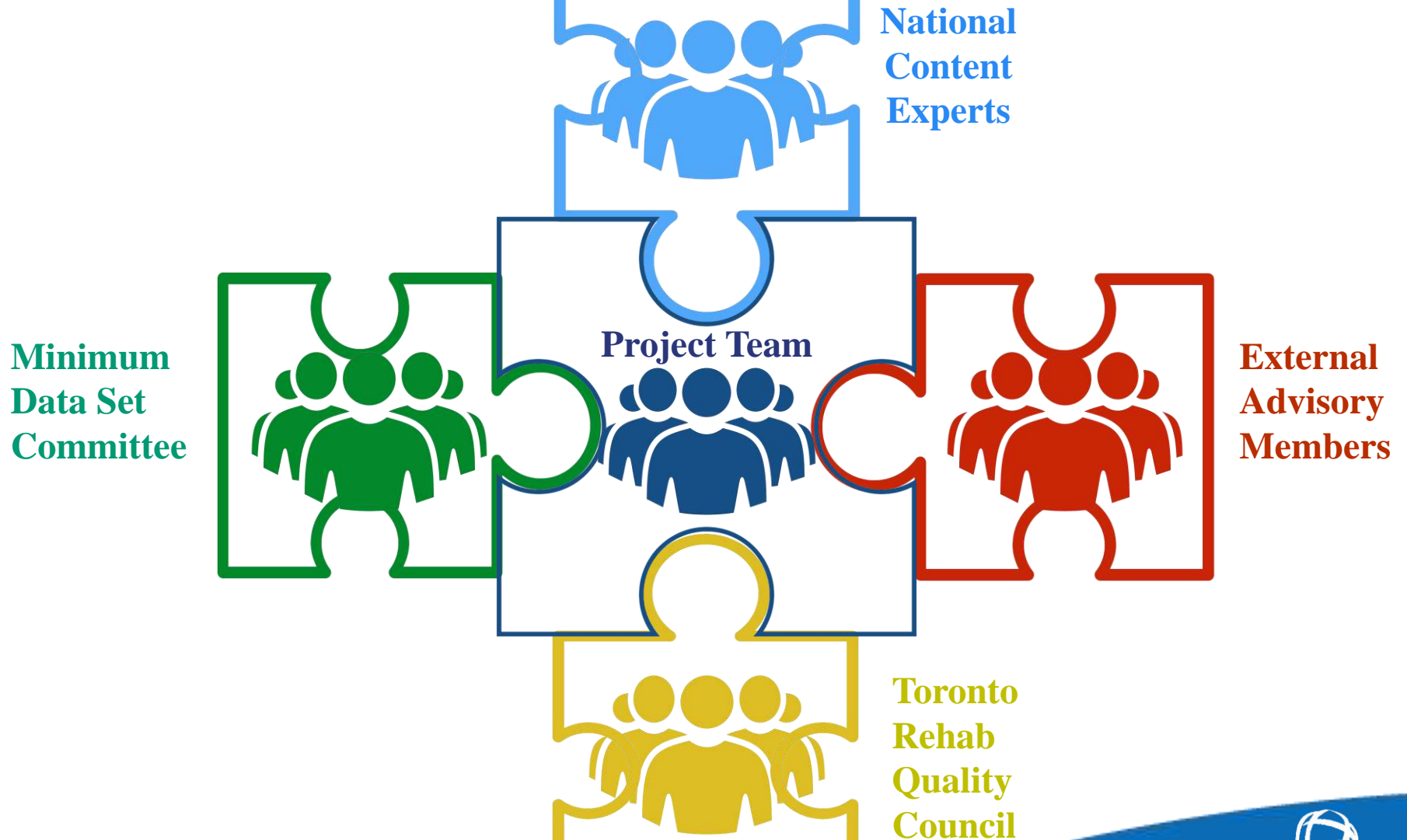
Final Score = Priority Score * Feasibility Score

SCI-HiGH

**Consensus Ranking of SCI Rehab Domains**
(Hanlon Methodology)

Domain	Score
Urinary Tract Infection	2183.82
Community Participation & Employment	1750.06
Wheeled Mobility	1738.00
Urohealth	1698.12
Tissue Integrity	1680.47
Self Management	1596.12
Cardiometabolic Health	1384.06
Emotional Well-Being	1327.88
Walking	1164.41
Reaching, Grasping & Manipulation	1106.88
Sexual Health	1081.53

Project Infrastructure

National Content Experts

Minimum Data Set Committee

Project Team

External Advisory Members
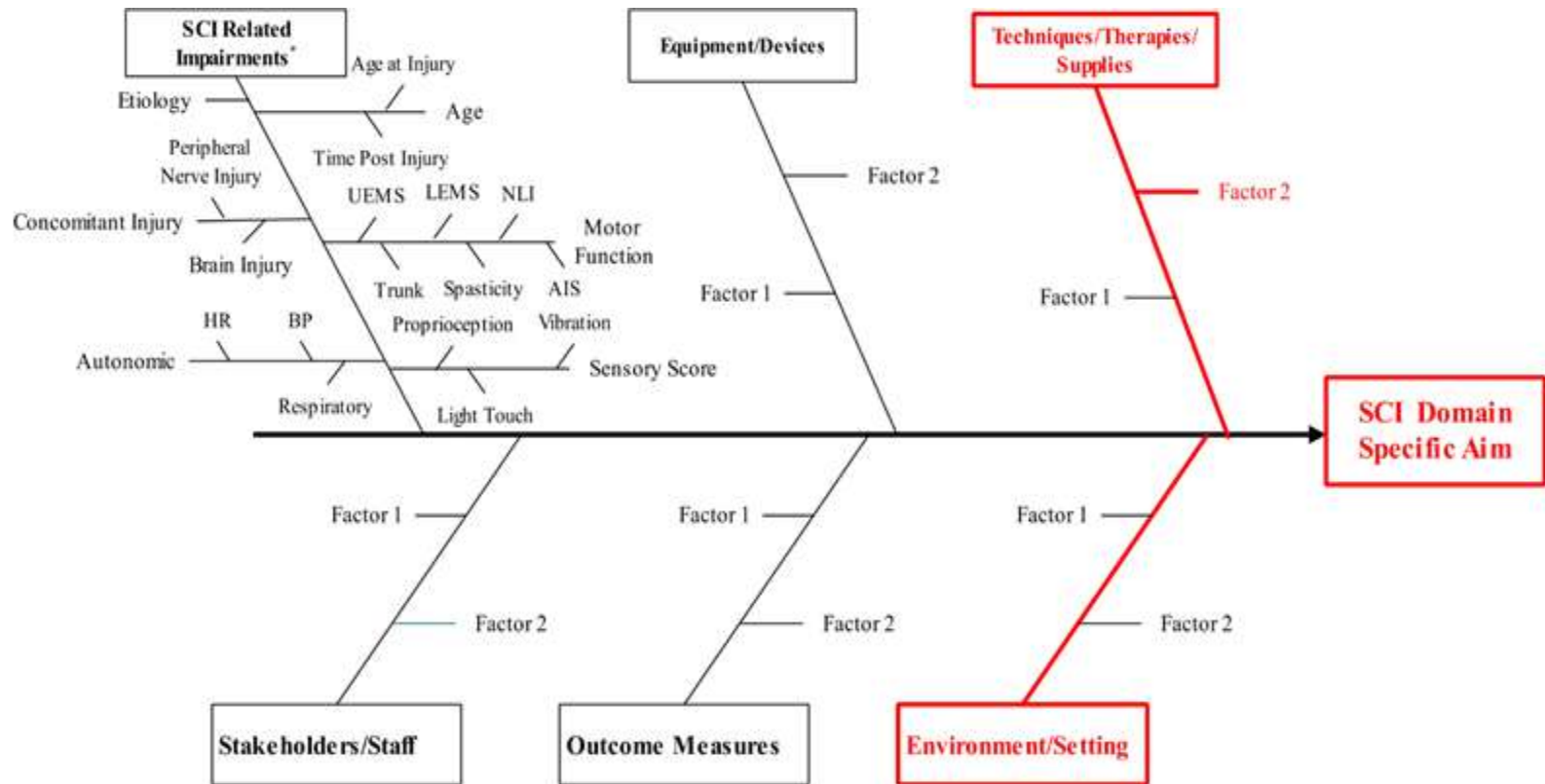
Toronto Rehab Quality Council

SCI-HiGH

National Content Experts Working Group Processes

- Developed and/or refined constructs (based on E-Scan derived domain constructs)

- Aim: intention of achieving incremental changes within a finite time
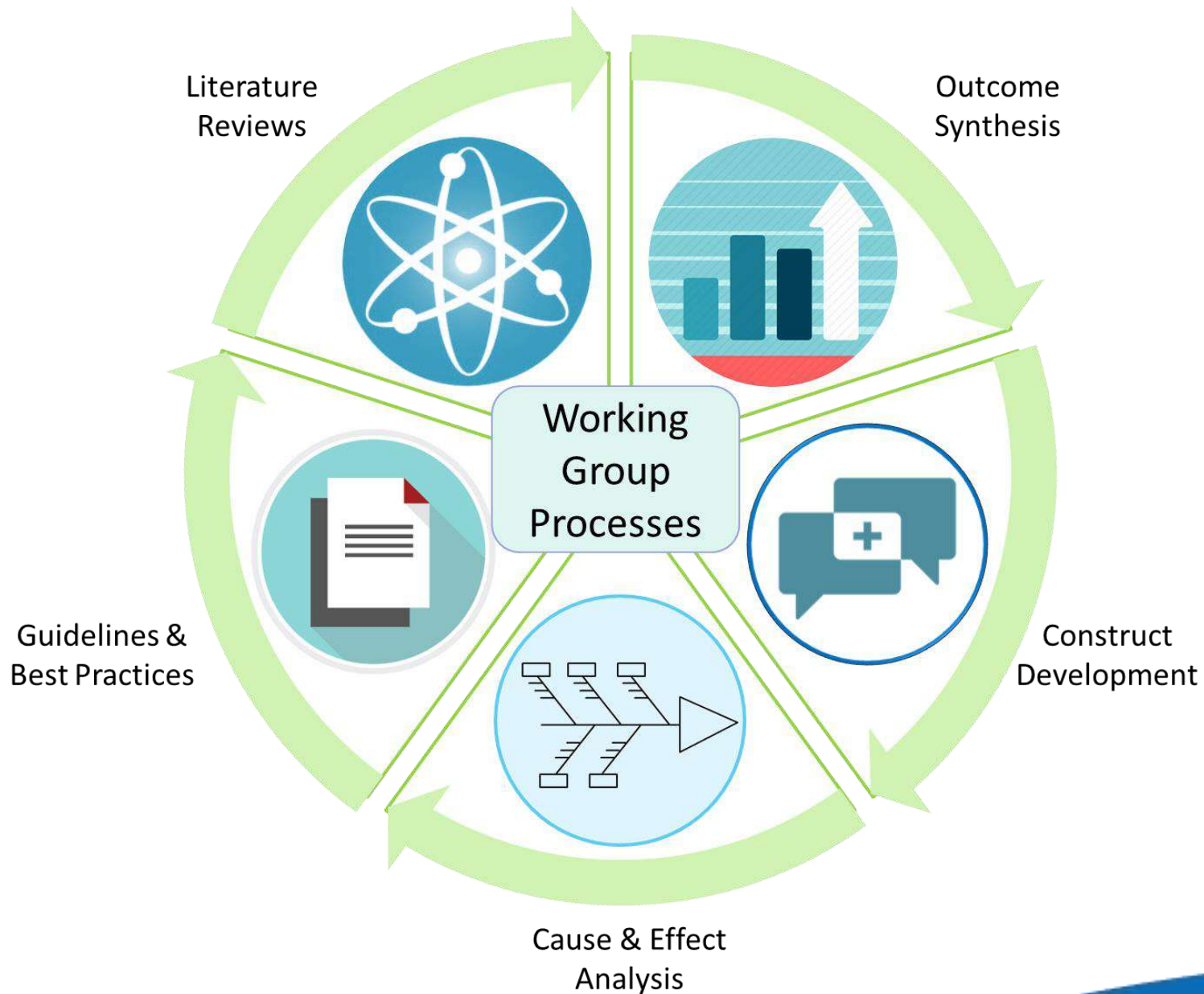
Driver Diagram
Cause & Effect Analysis

Synthesis of Outcomes, Psychometric Validity and Feasibility

List of walking outcome measures

Acronym	Measurement Tool
10MWT	10-Meter Walk Test
6MWT	6-Minute Walk Test
SCIM III	Spinal Cord Independence Measure III (Mobility Subscale)
mTUG	Modified Timed Up & Go Test
WISCI II	Walking Index for Spinal Cord Injury II
SCI-FAP	Spinal Cord Injury Functional Ambulation Profile

National and Local Interactions

| Domains	Construct	Fishbone	Structure	Process	Outcome	Piloting
Urohealth	✓	✓	✓	✓	✓	✓
Cardiometabolic Health	✓	✓	✓	✓	✓	✓
Community Participation & Employment	✓	✓	✓	✓	✓	✓
Emotional Well-Being	✓	✓	✓	✓	✓	✓
Reaching, Grasping & Manipulation	✓	✓	✓	✓	✓	✓
Tissue Integrity	✓	✓	✓	✓	✓	✓
Self-Management	✓	✓	✓	✓	✓	✓
Sexual Health	✓	✓	✓	✓	✓	✓
Urinary Tract Infection	✓	✓	✓	✓	✓	✓
Walking	✓	✓	✓	✓	✓	✓
Wheeled Mobility	✓	✓	✓	✓	✓	✓

SCI-HIGH Report Out Meeting
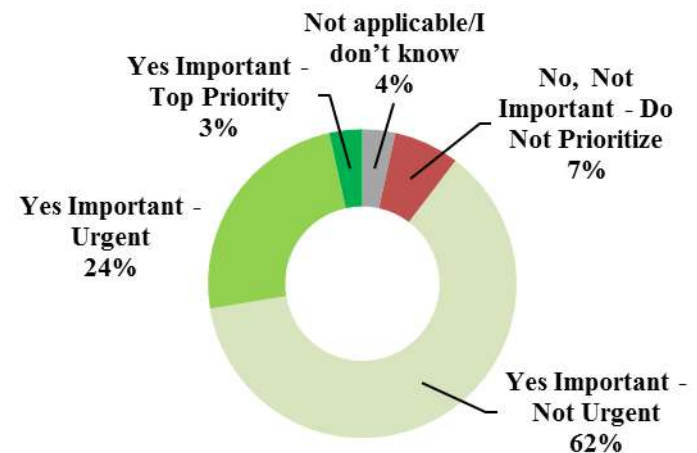Niagara Falls, ON
November 9th, 2017
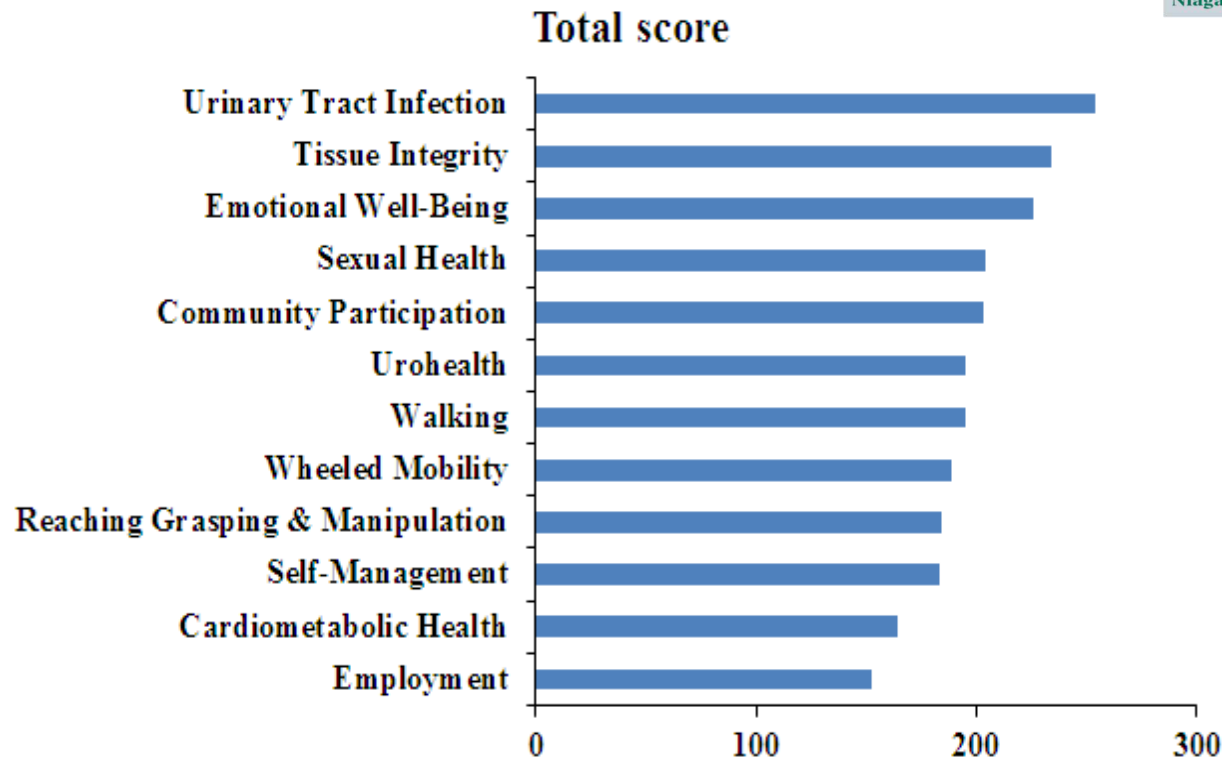
Stakeholder Consultation Report 2017

How important is this construct for improving SCI rehabilitation care nationally?
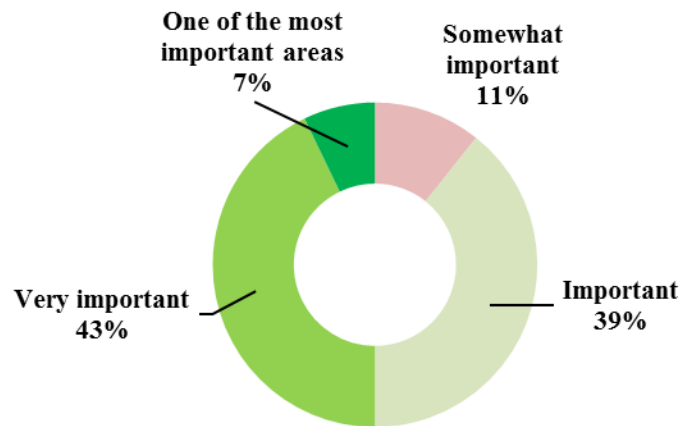
Is this construct sufficiently important to prioritize for immediate implementation?

RANKING

Total score

SCI-HiGH

Report Out Meeting Informing the First 6 Domains

| 37 Domains | 17 Domains | 11 Domains | 6 Domains |

Sexual Health

Urinary Tract Infection

Emotional Well-Being

Wheeled Mobility

Walking

Tissue Integrity

Data Collection Strategies

Minimum Data Set

- National Rehab Reporting System
- RHSCIR 3.0 Minimal Data Set
- Site-Specific Medical Records

Minimal Data Set + Domain A Indicators, Domain B Indicators, Domain C Indicators — **Domain-Specific Indicators**

SCI-High Project Data Set