



**Poster  
Presentations**

# Poster Session 1

Thursday 14th May 2015

## AWARD POSTERS

**P1**

Caregiver-Reported Perspectives On The Rewards Of Parenting Youth With Spinal Cord Injuries

MELISSA MORRISON, USA

**P2**

Flat And Ladder Treadmill Training After SCI In Cats

MANUEL ESCALONA, Canada

**P3**

Searching For Trial Endpoints And Stratifying Subpopulations Of AIS-D Participants For Clinical Studies

CORNELIS HAUPT, Canada

**P4**

SCI Ability Ruler: Development Of A Combined Neurological And Functional Measure For The Inclusive Assessment Of Complete/incomplete SCI

ROBERT REED, Canada

**P5**

A Method To Estimate And Reduce The Sensitivity Of Multi-segment Kinematic Assessment Of Human Trunk To Soft Tissue Artifacts

SARA MAHALLATI, Canada

**P6**

Body-weight Supported Step-training Or Passive Stand-training Reduce Musculoskeletal Decline In An Animal Model Of Severe Spinal Cord Injury

KRISTINE COWLEY, Canada

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Involuntary Muscle Spasm Expressed As Motor Evoked Potential After Olfactory Mucosa Autograft In Patients With Chronic Spinal Cord Injury And Complete

KOICHI IWATSUKI, Japan

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Assessment Of The Clinical Significance Of Change In Function After Spinal Cord Injury

AMIRAM CATZ, Israel

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Unsupervised Monitoring For The Diagnosis Of Nocturnal Hypoventilation Associated With Cord Injury

KANG HEE CHO, Republic of Korea

### S1P10

Randomized, Placebo-controlled, Double-blinded Trial Of Granulocyte Colony Stimulating Factor-Mediated Neuroprotection For Acute Spinal Cord Injury

MASAO KODA, Japan

### S1P11

Extracorporeal Shockwave Therapy Benefits In Spastic Children With Spinal Cord Injury

MIREA ANDRADA, Romania

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SWEE-LING TOH, Australia

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Non-prescription Omega-3 Fatty Acid Dosing Does Not Lower C-reactive Protein Levels In Persons With Chronic Spinal Cord Injury

SUZANNE GROAH, USA

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Aquatic Therapy (AT) And Robotic Assisted Body Weight Supported Treadmill Training (RABWSTT) For Individuals With Chronic Motor Incomplete Spinal Cord Injury (CMISCI)

PETER GORMAN, USA

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Quantitative Metabolomic Profiling Of Cerebrospinal Fluid And Serum After Acute Human Spinal Cord Injury

BRIAN KWON, Canada

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JANETTE ALEXANDER, Australia

### S1P17

Alexithymia In Patients With Spinal Cord Injury: Controlled Study

BELGIN ERHAN, Turkey

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Targeted Proteomics Of Human Cerebrospinal Fluid After Acute Spinal Cord Injury  
BRIAN KWON, Canada

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Lower Limb Exoskeletons Used For Functional Mobility By People With Spinal Cord Injury In Community  
CLAUDE VINCENT, Canada

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Robotic Gait Training: What Is It Good For? An Individual Patient Experience  
DION BLACKLER, UK

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Kinetic Analysis Of Powered Exoskeleton Gait On Level Ground And Sit-to-Stand  
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Increased Metabolic Load And Muscle Activity During Interval Vs. Continuous Robot-assisted Gait Therapy In People With Incomplete Spinal Cord Injury  
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NICHOLAS EVANS, USA

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DENNIS GRASMÜCKE, Germany

### **S1P25**

Effects Of Robot-aided Gait Training On Stable Spinal Cord Injury Patients' Individual Goals And Psychological Well-being; A Pilot Study  
ESTER VRIJ, Netherlands

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ANDREANNE BLANCHETTE, Canada

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Improving Gait Performance After Spinal Cord Injury: A Comparison Between Conventional Physical Therapy And Therapy Using Exoskeletons

MARCIE KERN, USA

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ANGEL GIL-AGUDO, Spain

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Usability Of Lower Limb Exoskeletons In The Community: Perspective Of People With An Incomplete Spinal Cord Injury

FRANÇOIS ROUTHIER, Canada

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Cardiovascular Effects Of Gait Training On A Robotic Orthosis In Individuals With Chronic Incomplete Spinal Cord Injury. Preliminary Report

ROBERTO CARLOS SAHAGUN-OLMOS, Mexico

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UMAIR KHAN, Saudi Arabia

### S1P33

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TETSURUYU MITSUYAMA, Japan

### S1P34

Whiplash Injury: A Model For Development Of Pain And Disability. 12-year Follow-up On The Danish Whiplash Study Group Risk Score

HELGE KASCH, Denmark

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Metastatic Spinal Cord Compression (MSCC) Specialist Multidisciplinary Spinal Rehabilitation Service - Adding Life To Years

MANISH DESAI, UK

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MARIANNE LUETMER, USA

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EVELINA LAASONEN, Sweden

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DUMONT FREDERIC, Canada

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JAE HO PARK, Republic of Korea

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RYAN RAMSOOK, USA

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An Exploratory Study Using Administrative Data To Inform Future Development Of  
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SARA GUILCHER, Canada

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Outcomes Following Ischemic Myelopathies And Traumatic Spinal cord Injury

GIORGIO SCIVOLETTO, Italy

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A Rare Cause Of Tetraplegia In A Rehabilitation Setting: Spinal Hemangioblastoma  
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BELGIN ERHAN, Turkey

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INETA ZOBINA, UK

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Spinal Cord Injury Secondary To Spinal Epidural Abscess: 2 Years Retrospective Study At The Duke Of Cornwall Spinal Treatment Centre

PIERA SANTULLO, UK

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Influence Of Age On Recovery Of Independent Community Ambulation In Motor Complete, Sensory Incomplete SCI

CHRISTINA V. OLESON, USA

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Factors Influencing The Success Of Home Modification In Paraplegic Spinal Cord Injured Individuals In Bangladesh

MOHAMMAD IQBAL HOSSAIN HOSSAIN, Bangladesh

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Pain And Depression Are Associated With Perceived Disability And Expectations For Injury-related Limitations Among Individuals With Spinal Cord Injury

MERRINE KLAKEEL, USA

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INKA LÖFVENMARK, Sweden

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Environment Matters: Contribution Of Geographic Data To Understanding Spinal Cord Injury Incidence And Rehabilitation Outcomes

YUYING CHEN, USA

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The Impact Of Physical Activity On Mood And Satisfaction With Life In Persons With Spinal Cord Injury

PATRICIA E. HATCHETT, USA

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Review Of The Symptoms, Causes And Treatment Of Autonomic Dysreflexia In The South African Spinal Cord Injured Population

FRANCOIS THERON, South Africa

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Psychosocial Care For People With Spinal Cord Injury: Experiences, Needs And Wishes - A Qualitative Study

CA DIJKSTRA, Netherlands

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Comparative Study of the Life Quality for Families With and Without a Disabled Child

LILIANA PADURE, Romania

## **S1P55**

Theoretical Considerations On Quality Of Life Outcome Tool Selection For Spinal Cord Injury

KRISTA BEST, Canada

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People With Tetraplegia And Ventilator Dependence: Unique Peer Services To Increase Participation And Quality Of Life By UK Charity Back Up

MATTHEW KING, UK

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Mapping Of Existing Spasticity-related Outcome Measures To An ICF Spasticity Set For Spinal Cord Injury And Damage

PER ERTZGAARD, Sweden

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Factors Associated With Wheelchair, Functional, Quality Of Life And Community Participation Disparities In SCI

DENISE FYFFE, USA

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Comparison Of Shoulder Joint Kinematics And Muscle Activity During Car Transfer Into A Sedan And SUV Height Vehicle In Persons With Paraplegia

LISA LIGHTHALL HAUBERT, USA

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Traumatic Spinal Cord Injury: Exploring The Patient Experience During Acute Care

MELISSA NADEAU, Canada



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A Preliminary Evaluation Of The Surgery To Reconstruct Thoracic Breathing In Patients With High Cervical Spinal Cord Injury

LI JIANJUN, Peoples Republic of China

#### S1P62

Inner Cannula In Long-term Tracheostomy Tube Users- Literature Review

ARAM MASHOOF FARD, UK

#### S1P63

Neurogenic Pulmonary Edema Secondary To Autonomic Dysreflexia (AD) In A Patient With Complete Tetraplegia

CAMILO CASTILLO, USA

#### S1P64

What Are The Barriers To Use Of Abdominal Binders In Persons With Abdominal Paralysis Due To Spinal Cord Injury?

JENNIFER HASTINGS, USA

#### S1P65

Effect Of Inspiratory Muscle Training On Respiratory Muscle Function And Dyspnoea In High Thoracic Spinal Cord Injury Patients

SHAMBHOVI MITRA, India

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Prevalence Of Cigarette Smoking And Attempts To Quit In A Population-based Cohort With Spinal Cord Injury

LEE SAUNDERS, USA

#### S1P67

Pre-injury Cigarette Smoking Among Those With Spinal Cord Injury

LEE SAUNDERS, USA

#### S1P68

It Is Time To Replace Mechanical Ventilators In Pediatric Spinal Cord Injury - The Diaphragm Pacing Experience

RAYMOND ONDERS, USA

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Manual And Mechanical Assisted Cough In Cervical Spinal Cord Injury (SCI)  
ARAM MASHOOF FARD, UK

### S1P70

Development And Validation Of A Risk Prediction Model For Tracheostomy In Acute Traumatic Cervical Spinal Cord Injury Patients  
FANG ZHOU, Peoples Republic of China

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Long Term Assessment Of The Effectiveness Of The Cough System In Spinal Cord Injury (SCI)  
ANTHONY F DIMARCO, USA

### S1P72

Efficiency Of Gas Exchange During Stimulated Breathing In An Animal Model Of Spinal Cord Injury  
KRZYSZTOF E KOWALSKI, USA

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Risk Factors And Diagnosis Of Pulmonary Embolism (Pe) In People With Spinal Cord Injury (Sci)  
SILVIA ANTIGA, UK

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JIRI KRIZ, Czech Republic

## UROLOGY/SEXUAL FUNCTION

### S1P75

A Mindfulness-Based Group Psychoeducational Intervention Targeting Sexual Adjustment In Women With Spinal Cord Injury Or Multiple Sclerosis  
SHEA HOCALOSKI, Canada

### S1P76

Use Of Complementary And Alternative Medicine In Persons With Spinal Cord Injury In Switzerland: A Survey Study  
DIANA SIGRIST, Switzerland

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Male Fertility In Canada: Towards Best Practice In Sperm Retrieval  
SHEA HOCALOSKI, Canada

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Effectiveness Of Brief Education For Neurorehabilitation Staff On Perceived Knowledge And Comfort regarding Sexuality After Spinal Cord Injury (SCI)  
DION BLACKLER, UK

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Sociodemographic Factors Associated With Sexual Dysfunction In Mexican Women With Spinal Cord Injury  
MAYRA MORENO-LOZANO, Mexico

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Onabotulinumtoxin A For The Management Of Autonomic Dysreflexia  
KATHARINE CURRIE, Canada

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Genital Nerve Stimulation: A Potential Clinical Tool For Management Of Neurogenic Detrusor Overactivity  
DENNIS BOURBEAU, USA

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Bladder Emptying Methods And The Impact Of Lower Urinary Tract Symptoms On Quality Of Life In Individuals With Long-term Spinal Cord Injury  
JACINTHE ADRIAANSEN, Netherlands

### **S1P83**

A Description Of Urological Surveillance And Outcomes Of Urologic Ultrasonography In A Cohort Of Individuals With Long-term Spinal Cord Injury  
JACINTHE ADRIAANSEN, Netherlands

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Electroejaculation For The Treatment Of Men Who Cannot Ejaculate  
STEPHEN W.J. SEAGER, USA

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Correlations Between Urodynamic And Anorectal Manometric Studies In Spinal Cord Injuries  
HYUN-YOON KO, Republic of Korea

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50 Years Follow-up On Renal Function After Spinal Cord Injury

MARLENE ELMELUND, Denmark

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Forty Years Of Tackling The 'Sex Taboo': A Model Of Service Delivery For Sexual Health Rehabilitation

KATE MCBRIDE, Canada

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Poo And Pee: Innovative Adaptive Devices To Enhance Independent Bladder And Bowel Care For Individuals With Tetraplegia

CASPER VAN KOPPENHAGEN, Netherlands

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Evidence For A New Pattern Of Ejaculation In Men With Spinal Cord Injury: Ejaculation Dyssynergia And Its Fertility Implications

JEAN GABRIEL PREVINAIRE, France

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Co-administration Of Intravesical Botulinum Toxin And Aminoglycosides In Short Therapy: Are There Neurological Adverse Events?

ELENA ANDRETTA, Italy

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Identifying And Classifying Quality Of Life Tools For Assessing Bladder Dysfunction After Spinal Cord Injury

KRISTA BEST, Canada

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Case Series Review Of Squamous Cell Carcinoma Arising From Cystostomy Tract

TOMMY YU, USA

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Bladder Management In SCI Inpatients With Multi Drug Resistant Organisms In The Urine

RENÉE MASCHKE, Italy

### **S1P94**

Intermittent Catheter Trial - Midlands Centre For Spinal Cord Injuries (MCSC)

REBECCA WARREN, UK

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To Describe Urine Microbiome Changes During Health And Disease In People With Spinal Cord Injury

NEEL SHAH, USA

### **FREE**

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Quality Improvement Project: Improving The Performance Of Nutrition Screening In The National Spinal Injuries Centre

SAMFORD WONG, UK

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Patients With Thoracic Trauma And Concomitant SCI Have A Markedly Decreased Mortality Rate Compared To Patients Without SCI

MUSTAFA CITAK, Germany

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Perinatal Care For Women With SCI: Coming Together To Bridge The Gaps

SHEA HOCALOSKI, Canada

### **S1P99**

Epidemiology Of Spinal Cord Injury In Ireland. Evaluation Of Record Accuracy. And Results Of A Feasibility Study

EIMEAR SMITH, Ireland

### **S1P100**

Impact Of Muscle Spasms On Resting Energy Expenditure In A Female With Spinal Cord Injury: A Case Report

AMY NEVIN, Australia

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Elevated Levels Of HMGB1, A Pro-inflammatory Cytokine, In Individuals With Either Acute Or Chronic SCI

ONA BLOOM, USA

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Implementing The International Spinal Cord Injury Data Sets, ISNCSCI Algorithms And Other SCI Tools Into Electronic Medical Records

WILLIAM WARING, USA

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Immunological Property Of Human Induced Pluripotent Stem Cells-derived Neural Stem Cells As A Cell Source Of Transplantation Therapy For Spinal Cord Injury  
MASAHIRO OZAKI, Japan

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Clinical Characteristics Of Medical Teleconsultation For Individuals With Chronic Spinal Cord Injury (SCI)  
C A THIYAGARAJAN, UK

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Acute Effects Of Combined Arm Cranking And Functional Electrical Stimulation On Interleukin 6 Expression In Spinal Cord Injured Individuals  
DAVID BENTLEY, Australia

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Effect Of Compression Time Related To Anterior Vs Posterior Spinal Cord Contusion  
FRANCIS CLICHE, Canada

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NILAY YALCIN, Australia

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Development And Initial Evaluation Of The Pediatric Spinal Cord Injury Measures (PEDI-SCI) Short Forms  
MARY JANE MULCAHEY, USA

### **S1P109**

Development And Initial Validation Of The Spinal Cord Independence Measure-III - Youth (SCIM-III-Youth)  
MARY JANE MULCAHEY, USA

### **S1P110**

Development Of A Measure To Assess Bowel And Bladder Dysfunction After Spinal Cord Injury  
DENISE TATE, USA

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Anorectal Reflexes With The ISNCSCI Examination  
AMIR RAZMJOU, USA

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International Standards For Neurological Classification Of Spinal Cord Injury: Impact Of The New Worksheet (rev. 02/13) On Classification Performance  
CHRISTIAN SCHULD, Germany

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Color-coded Dermatome And Myotome Maps For Graphical Representation Of ISNCSCI Datasets  
CHRISTIAN SCHULD, Germany

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The International Spinal Cord Injury Pain Extended Data Set (ISCIPEDS)  
THOMAS N. BRYCE, USA

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Validity Of A New Task-Specific Treadmill Wheelchair Propulsion Test To Measure Cardiorespiratory Fitness In Manual Wheelchair Users  
CINDY GAUTHIER, Canada

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Development Of An Innovative Tool To Share And Disseminate Spinal Cord Injury Information To Providers Across The Continuum Of Care  
DAVID ROSENBLUM, USA

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Consideration Of An Alternative Motor Level Definition For Intact Cut-off Myotomes In ISNCSCI  
CHRISTIAN SCHULD, Germany

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Inter-rater Reliability Of The International Standards To Document Remaining Autonomic Function Following Spinal Cord Injury (ISAFSCI)  
ROSS DAVIDSON, Canada

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**AWARD POSTERS**

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MELISSA MORRISON, USA
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- P5**  
A Method To Estimate And Reduce The Sensitivity Of Multi-segment Kinematic Assessment Of Human Trunk To Soft Tissue Artifacts  
SARA MAHALLATI, Canada
- P6**  
Body-weight Supported Step-training Or Passive Stand-training Reduce Musculoskeletal Decline In An Animal Model Of Severe Spinal Cord Injury  
KRISTINE COWLEY, Canada

**ACTIVITY DEPENDENT REHAB**

- S2P7**  
Shoulder Pain In Spinal Cord Injury: Effectiveness Of A Home Rehabilitation Program And Activity Modification  
JENNIFER SILVESTRI, USA
- S2P8**  
Safety Of Functional Electric Stimulation During Acute Rehabilitation In Traumatic Spinal Cord Injury  
ARGYRIOS STAMPAS, USA



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Recovery Secondary To Neural Stem Cell Transplantation Combined With Treadmill Training In Chronic Phase Spinal Cord Injury Model Mice

SYOICHI TASHIRO, Japan

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Validation of the Instrumented Evaluation of Gait Spatio-Temporal Parameters in Motor Incomplete Spinal Cord Injury

ROXANA LOERA, Mexico

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The Human Lumbar Cord Network And “Spinal Brain”

MILAN DIMITRIJEVIC, USA

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Planned Exercise And Breathlessness In Chronic SCI

LESLIE MORSE, USA

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Activity-Based Rehabilitation: Progression And Outcomes In Young Children With Severe Spinal Cord Injuries

STEVE A WILLIAMS, USA

### **S2P14**

Content And Duration Of Walking Therapy In Acute Incomplete Spinal Cord Injury

MARTINA FRANZ, Switzerland

### **S2P63**

Early Results Of Upper Limb Reconstructive Surgery Program For Tetraplegic Patients

FRANCOIS THERON, South Africa

### **S2P15**

Constraint Induced Movement Therapy In Patients With Incomplete Tetraplegia After Spinal Cord Injury

CRISTHIANE V. GARABELLO PIRES CRIS, Brazil

### **S2P16**

Functional Electrical Stimulation Therapy For Walking In Incomplete Spinal Cord Injury Patients: Effects On Walking Competency

MILOS POPOVIC, Canada

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Factors Associated With Recurrent Falls In Ambulating And Wheelchair Using People With Spinal Cord Injury

EMELIE BUTLER FORSLUND, Sweden

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Does The Intensity Of The Occupational Therapy Impact The Upper Limb Functional Outcomes In Sub-acute SCI?

MILOS POPOVIC, Canada

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Locomotor Treadmill Training-induced Soleus Muscle Trophism By Mtor/p70s6k In Paraplegic Rats

JOCEMAR ILHA, Brazil

### **S2P20**

The Effect Of Handcycle Interval Training On Physical Capacity In Persons With Recent Spinal Cord Injury

ILSE VAN DEN BRAND, Netherlands

### **S2P21**

Cardiovascular Responses to an Active Exercise Challenge Following Acute Spinal Cord Injury

KATHRYN HARMAN, USA

### **S2P22**

Challenging Cardiac Function Post-Spinal Cord Injury with Dobutamine

KATHRYN DEVEAU, USA

### **S2P23**

Vigorous Physical Activity Is Associated With A Lower Percentage Body Fat In Adults With Chronic Spinal Cord Injury

CHELSEA PELLETIER, Canada

### **S2P24**

Fitness For Traumatic Complete Spinal Cord Injury

NUR KESIKTAS, Turkey

### **S2P25**

Implementation Of Systematic Assessment Of Gait Parameters With An Instrumented Split-belt Treadmill To Enhance Walking After Spinal Cord Injury

SYLVIE NADEAU, Canada

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Fampridine SR And Walking Ability In People With Spinal Cord Injuries: A Case Series  
CHRISTINE SHORT, Canada

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Functional Recovery for C6 Traumatic Tetraplegia After Completing the Rehabilitation Phase at Centre for the Rehabilitation of the Paralyzed (CRP), Bangladesh  
AZIZ ANTEENA, Bangladesh

## ENDOCRINOPATHY

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A Successful Treatment Of Hypercalcemia Secondary To Hyperthyroidism With Radioactive Iodine Therapy  
JICHEOL SHIN, Republic of Korea

### S2P29

Prevalence Of Vitamin D Deficiency In Patients With Spinal Cord Injury: A Longitudinal Study  
ALLISON GRAHAM, UK

### S2P30

Secondary Adrenal Insufficiency After Glucocorticosteroid Administration In Acute Spinal Cord Injury: A Case Report  
SEHI KWEON, Republic of Korea

### S2P31

Qualitative And Quantitative Changes In Bone Following Paediatric Spinal Cord Injury In The Rat  
JILLIAN CLARK, Australia

## PARTICIPATION / QUALITY OF LIFE

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Employment Following Spinal Cord Injury - A British Multicentre Study  
GORDANA SAVIC, UK

### S2P33

Social And Community Participation Following Spinal Cord Injury: A Critical Review  
LINDA BARCLAY, Australia

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### **S2P34**

Association Of Specific Vocational Service Activities With Employment Program Outcomes After Spinal Cord Injury

LANCE L. GOETZ, USA

### **S2P35**

Psychological Impact And Coping Strategies Following Spinal Cord Injury:

A 20-year Longitudinal Review

PAUL KENNEDY, UK

### **S2P36**

Sexuality And Spinal Cord Injury: The Need For Information And Support After SCI

THEA FLAUM, USA

### **S2P37**

Quality Of Life And Life Satisfaction In People Ageing With A Spinal Cord Injury In Southern Sweden

SOPHIE JORGENSEN, Sweden

### **S2P38**

The Experience Of Resilience Following Spinal Cord Injury

ROSELINE MASSICOTTE, Canada

### **S2P39**

Impact Of Health Problems Secondary To Spinal Cord Injury One And Five Years After First Inpatient Rehabilitation

PAULIEN VAN DER MEER, Netherlands

### **S2P40**

An App For Facilitating Reintegration Into Society For People With Spinal Cord Injuries In Taiwan

LI-JEN WENG, Taiwan

### **S2P41**

Living Well For People Experiencing Disability

VERNA STAVRIC, New Zealand

### **S2P42**

Barriers And Enablers For A Self-Management Program For Individuals With Spinal Cord Injury: Results From A National Stakeholder Advisory Group

SUSAN JAGLAL, Canada

## Poster Session 2

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### **S2P43**

Comparison Of Objective And Self-reported Physical Activity Measures In Persons With Spinal Cord Injury

PATRICIA E. HATCHETT, USA

### **S2P44**

Development Of An “ICF Set For Spasticity”: Capturing What Matters

ANAND NENE, Netherlands

### **S2P45**

Shaping The Optimal Continuum Of Care: Using Canadian Registry Data To Identify Key Community Indicators After Traumatic Spinal Cord Injury (tSCI)

ANTHONY BURNS, Canada

### **S2P46**

Development Of A Peer-Led Phone Intervention For Goal-Setting Primary Health Care Needs In Chronic Spinal Cord Injury

BETHLYN HOULIHAN, USA

### **S2P47**

Challenges In The Chronic Care For Adults With Spina Bifida

ILSE VAN NES, Netherlands

### **S2P48**

Interventions For Improving Employment Outcomes Among Individuals With Spinal Cord Injury: A Systematic Review

REUBEN ESCORPIZO, Canada

### **S2P49**

Expected Functional Outcome With SCIM III For Various Neurological Levels After Complete And Incomplete Spinal Cord Lesions. Retrospective Analysis

JACOPO BONAVITA, Italy

### **S2P50**

Initial Validation Of A New Participation Measure For Spinal Cord Injury: Participation Assessed With Recombined Tools - Objective (PART-O)

GALE WHITENECK, USA

### **S2P51**

Relationships Between Caregiver Characteristics And Physical And Psychosocial Quality Of Life Among Youth With Spinal Cord Injury

ERIN KELLY, USA

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### **S2P52**

Spinal Cord Injury & Chronic Pain - Development Of An Online Toolkit  
JAMES MIDDLETON, Australia

### **S2P53**

Spirituality/Religiosity And Spinal Cord Injury Survey  
HARVINDER SINGH CHHABRA, India

### **S2P54**

Return To Work After Spinal Cord Injury:  
A 6-year Follow Up Study Of Eight Persons Experiences  
LISA BERGMARK, Sweden

### **S2P55**

Wheelchair Configuration And Advanced Wheelchair Skill Capacity  
RACHEL COWAN, USA

### **S2P56**

Patient Perceptions Of SCI Rehabilitation Services: Mind The Gap!  
SIDDESHWAR PATIL, UK

## **SURGICAL TREATMENTS**

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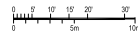
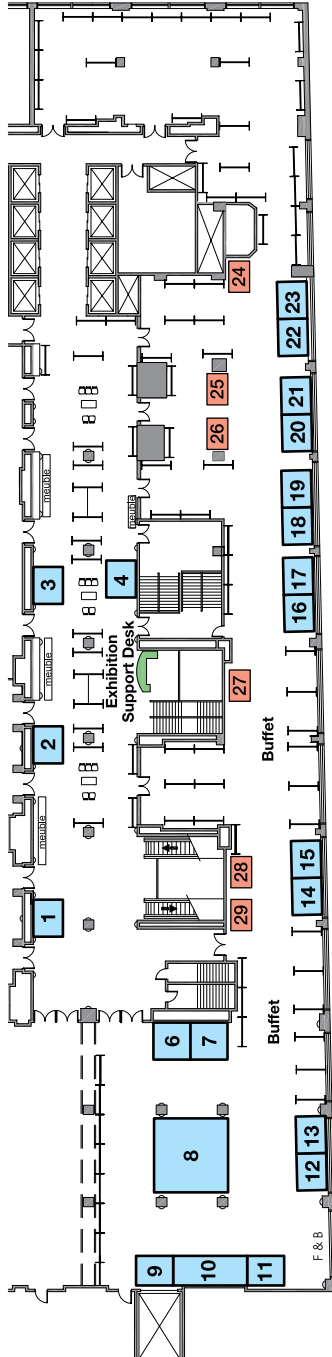
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Email: [info@aretechllc.com](mailto:info@aretechllc.com)

Website: [www.aretechllc.com](http://www.aretechllc.com)

Booth 21

Aretech develops advanced rehabilitation technologies for improving function and independence. The ZeroG Gait and Balance Training system is a robotic, overground body-weight support system that assists patients of a wide range of abilities as they practice functional activities of daily living. For treadmill-based gait training, Aretech offers the ZeroG-Lite system.

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### **Avery Biomedical Devices**

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Email: [info@averybiomedical.com](mailto:info@averybiomedical.com)

Website: [www.averybiomedical.com](http://www.averybiomedical.com)

Booth 1

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Website: [www.bbraun.com](http://www.bbraun.com)

Booth 7

Through exchanging knowledge with its customers, B. Braun helps to improve treatments and working procedures in hospitals and medical practices while increasing the safety of patients, doctors and nursing staff. With products easy to use, safe and comfortable, B. Braun provides innovative solutions to overcome male and female urinary retention.

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## **BAMA Technology**

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Email: [bilgi@bamateknoloji.com](mailto:bilgi@bamateknoloji.com)  
Website: [www.bamateknoloji.com](http://www.bamateknoloji.com)

Booth 16

As BAMA Technology, our primary goal is to provide handicapped people accessibility to treatment and devices that will make their lives easier and more comfortable. We are aiming to do this by the products we have developed for Turkey and the World that are more technological, safer and more economical.

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# BrainGate *Turning Thought into Action*

## BrainGate 2

Massachusetts General Hospital, 175 Cambridge St  
Suite 300, Massachusetts 20114, USA  
Tel: +1 (o) 603 767 8527  
Website: [www.braingate2.org](http://www.braingate2.org)

Table Top 25

BrainGate2 is a multi-site FDA clinical trial lead by neurologists, scientists, and engineers. The team is working to restore independence to paralyzed individuals through interfaces that translate neural signals into commands that control external devices, like computer cursors and robotic arms.

---



**Children's**<sup>SM</sup>  
Healthcare of Atlanta

## Children's Healthcare of Atlanta

1001 Johnson Ferry Road NE, Atlanta, Georgia 30342, USA  
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Website: [www.choa.org/rehab](http://www.choa.org/rehab)

Booth 22

Children's Healthcare of Atlanta, Inpatient Rehabilitation, offers therapy designed for pediatrics, adolescents, and young adults (birth to 21 years old), to address needs after an illness or a traumatic injury. Patients receive an interdisciplinary approach to care to promote independence as well as maximize function and community integration.

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Booth 12 and 13

Our mission is to make life easier for people with intimate healthcare needs. We listen to better understand needs, and respond by innovating products that combine functionality while removing stigma and embarrassment. We want users to feel better about their conditions by making products that don't look like medical equipment.

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Website: [www.eksobionics.com](http://www.eksobionics.com)

Booth 10

A leading robotic exoskeleton company, Ekso Bionic's Ekso GT robotic exoskeleton is designed to enable individuals with weakness or paralysis of the lower limbs, due to spinal cord injury (SCI), stroke and other conditions causing lower extremity weakness, to perform ambulatory functions.

---



[facingdisability.com](http://facingdisability.com)

for families facing spinal cord injuries

## Facing Disability

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Website: [www.facingdisability.com](http://www.facingdisability.com)

Table Top 27

FacingDisability.com provides information and support to people with spinal cord injuries and their families by bringing users face-to-face with the voices of experience. The website offers more than 1,500 videos of family members answering real-life questions about how they cope with SCI, as well as interviews with top medical experts.

---



## Hollister

2000 Hollister Drive, Libertyville, Illinois 60048, USA  
Tel: +1 (o) 847 680 1000  
Website: [www.hollister.com](http://www.hollister.com)

Booth 6

At Hollister Incorporated, we are dedicated to delivering the highest standard of quality in medical products and services. Hollister Continence Care products are designed to help people with urinary incontinence. As we continue to develop quality products and services, our goal remains the same - to promote control, independence, and quality of life.

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## Medtronic

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Booth 18 and 19

At Medtronic, we're committed to Innovating for Life by pushing the boundaries of medical technology and changing the way the world treats chronic disease. Visit the Medtronic booth to learn more about our targeted drug delivery therapy that may help your patients with severe spasticity due to spinal cord injury.

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## MyndTec

## MyndTec

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Booth 4

MyndTec Inc., a Canadian medical technology company, develops and distributes innovative therapies, such as MyndMove, based upon advanced application of functional electrical stimulation (FES), to restore voluntary upper limb motor function and independence to individuals paralyzed by stroke and spinal cord injury. MyndMove is approved for clinical use in Canada.

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Website: [www.indego.com](http://www.indego.com)

Booth 14 and 15

Indego® is a power lower limb orthosis. Thanks to powered hip and knee joints in conjunction with sensor technology and sophisticated control strategies the device allows gait impaired individuals to stand up and walk again. Indego can be used as a therapy tool or as a mobility assistive device for individuals.

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Website: [www.restorative-therapies.com](http://www.restorative-therapies.com)

Booth 23

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Tel: +1 (o) 508 251 1154  
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Website: [www.rewalk.com](http://www.rewalk.com)

Booth 3

ReWalk Robotics develops, manufactures and markets exoskeletons for people with Spinal Cord Injury. ReWalk Robotics is the developer of the ReWalkT, a robotic exoskeleton that provides powered hip and knee motion to enable those with SCI to stand upright, walk and turn. ReWalk is the ONLY exoskeleton with FDA clearance for Rehabilitation and Personal use.

---

# REX BIONICS

## Rex Bionics

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Email: [info@rexbionics.com](mailto:info@rexbionics.com)  
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Rick Hansen Institute  
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The Rick Hansen Institute is a Canadian-based not-for-profit organization committed to accelerating the translation of discoveries and best practices into improved treatments for people with spinal cord injuries. It does this by leading the collaboration of researchers, health care professionals and service providers across Canada and internationally.

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## **Synapse Biomedical Inc.**

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Website: [www.synapsebiomedical.com](http://www.synapsebiomedical.com)

Booth 11

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c/o Thomas Land Publishers, Inc.

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Tel: +1 (o) 314 963 7445

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Website: [www.scijournal.com](http://www.scijournal.com)

Booth 20

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Website: www.wolterskluwer.com

Booth 9

Wolters Kluwer Health is a division of Wolters Kluwer, a leading global information services and publishing company with 2014 annual revenues of €3,660 million, employs approximately 19,000 people worldwide, and maintains operations in over 35 countries across Europe, North America, Asia Pacific, and Latin America. Wolters Kluwer a leading provider of information for professionals and students in medicine, nursing and allied health.

## Spinal Cord Injury Research

Craig Hospital is a federally-designated NIDRR Model Systems Center for Spinal Cord Injury.

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Denver, Colorado



Craig Hospital

Redefining Possible for People with Spinal Cord and Brain Injuries





# Notes

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# WHOLE-PERSON CARE FOR >> SPINAL CORD INJURY PATIENTS



Mayo Clinic provides comprehensive care to thousands of patients with spinal cord injury. A multidisciplinary team including physiatrists, neurologists, neurosurgeons and orthopedists works to treat each patient based on their individual needs. With more than 50 physiatrists, including 4 with SCI board certification, and 400 therapists, nurses and psychologists, Mayo Clinic offers:

- > Inpatient, outpatient and lifelong care options
- > Advanced assistive technology to enhance functional activities
- > Spasticity management
- > Diaphragmatic pacing evaluation for ventilator dependent patients



Research focuses on individual quality of life and currently includes telemedicine, limb-reanimation, and spinal cord regeneration. CARF accredited SCI program for more than 20 years.





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