



**Poster
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Poster Session 1

Thursday 14th May 2015

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P4

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

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KRISTINE COWLEY, Canada

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KOICHI IWATSUKI, Japan

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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

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MASAO KODA, Japan

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MIREA ANDRADA, Romania

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Probiotics Prophylaxis Of Spinal Cord Injury Urinary Tract Infection Therapeutic Trial (ProSCIUTTU)

SWEE-LING TOH, Australia

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SUZANNE GROAH, USA

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PETER GORMAN, USA

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BRIAN KWON, Canada

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JANETTE ALEXANDER, Australia

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BELGIN ERHAN, Turkey

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DION BLACKLER, UK

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NICHOLAS EVANS, USA

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ESTER VRIJ, Netherlands

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MARCIE KERN, USA

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ANGEL GIL-AGUDO, Spain

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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

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TETSURUYU MITSUYAMA, Japan

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HELGE KASCH, Denmark

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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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SARA GUILCHER, Canada

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GIORGIO SCIVOLETTO, Italy

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INETA ZOBINA, UK

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PIERA SANTULLO, UK

PARTICIPATION / QUALITY OF LIFE

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CHRISTINA V. OLESON, USA

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MOHAMMAD IQBAL HOSSAIN HOSSAIN, Bangladesh

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MERRINE KLAKEEL, USA

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INKA LÖFVENMARK, Sweden

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YUYING CHEN, USA

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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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CA DIJKSTRA, Netherlands

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LILIANA PADURE, Romania

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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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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

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ARAM MASHOOF FARD, UK

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

CAMILO CASTILLO, USA

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

JENNIFER HASTINGS, USA

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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

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LEE SAUNDERS, USA

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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

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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

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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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Sleep Apnea In Patients With Chronic Spinal Cord Injury

JIRI KRIZ, Czech Republic

UROLOGY/SEXUAL FUNCTION

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

SHEA HOCALOSKI, Canada

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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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KATHARINE CURRIE, Canada

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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

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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
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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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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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TOMMY YU, USA

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Bladder Management In SCI Inpatients With Multi Drug Resistant Organisms In The Urine
RENÉE MASCHKE, Italy

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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

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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

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

EIMEAR SMITH, Ireland

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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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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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MARY JANE MULCAHEY, USA

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DENISE TATE, USA

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AMIR RAZMJOU, USA

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CHRISTIAN SCHULD, Germany

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CHRISTIAN SCHULD, Germany

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THOMAS N. BRYCE, USA

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CINDY GAUTHIER, Canada

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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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- P2**
Flat And Ladder Treadmill Training After SCI In Cats
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Searching For Trial Endpoints And Stratifying Subpopulations Of AIS-D Participants For Clinical Studies
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SCI Ability Ruler: Development Of A Combined Neurological And Functional Measure For The Inclusive Assessment Of Complete/incomplete SCI
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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

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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

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MARTINA FRANZ, Switzerland

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Early Results Of Upper Limb Reconstructive Surgery Program For Tetraplegic Patients

FRANCOIS THERON, South Africa

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

CRISTHIANE V. GARABELLO PIRES CRIS, Brazil

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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

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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

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Challenging Cardiac Function Post-Spinal Cord Injury with Dobutamine

KATHRYN DEVEAU, USA

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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

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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 Paralysed (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

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

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

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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

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

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

LANCE L. GOETZ, USA

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Psychological Impact And Coping Strategies Following Spinal Cord Injury:

A 20-year Longitudinal Review

PAUL KENNEDY, UK

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

THEA FLAUM, USA

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

SOPHIE JORGENSEN, Sweden

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The Experience Of Resilience Following Spinal Cord Injury

ROSELINE MASSICOTTE, Canada

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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

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Living Well For People Experiencing Disability

VERNA STAVRIC, New Zealand

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

SUSAN JAGLAL, Canada

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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

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

BETHLYN HOULIHAN, USA

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Challenges In The Chronic Care For Adults With Spina Bifida

ILSE VAN NES, Netherlands

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

REUBEN ESCORPIZO, Canada

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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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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

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Wheelchair Configuration And Advanced Wheelchair Skill Capacity
RACHEL COWAN, USA

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

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Image-guided Spinal Surgery For Spinal Injury
NOBUYUKI SHIMOKAWA, Japan

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Evaluation Of Current And Future Surgical Treatment Options For Diaphragmatic Paralysis And Ventilator Dependency In High Cervical Tetraplegia
MATTHEW KAUFMAN, USA

S2P59

History Of Phrenic Nerve Pacing
DON HEADLEY, USA

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Early Post-Acute Clinical, Physiopathological and Outcome Particularities of Elderly with Cervical Spinal Cord Injury - Further Data
AURELIAN ANGHELESCU, Romania

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Lower Extremity Paralysis Presenting 36 Hours After Attempted Posterior Spinal Fusion For Severe Scoliosis In An Adolescent

RANDAL BETZ, USA

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Surgical Management Of Patients Following Traumatic Spinal Cord Injury (SCI): Identifying Barriers To Early Surgery In Specialized SCI Care Centers

CYNTHIA THOMPSON, Canada

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A Retrospective Review Of The Surgical Management Of Pressure Sores. Factors Influencing Outcome

FRANCOIS THERON, South Africa

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Proposal For A New Management And Treatment In Complete Acute Traumatic Spinal Cord Injury

STEFAN MIRCEA IENCEAN, Romania

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The Impact Of Early Surgical Timing For Complete Spinal Cord Injury

ETIENNE BOURASSA-MOREAU, Canada

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5 Surgical Treatment Cases Of Idiopathic Spinal Epidural Hematoma

TAKAHIRO MIYAHARA, Japan

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The Stable Spine Central Cord Syndrome (SCCS): A Prospective Surgical Cohort

JEROME PAQUET, Canada

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Early Radiographic Results Of Sagittal Deformity Correction And Maintenance With Percutaneous Pedicle Screw Stabilization In Thoracic And Lumbar Spine Fractures

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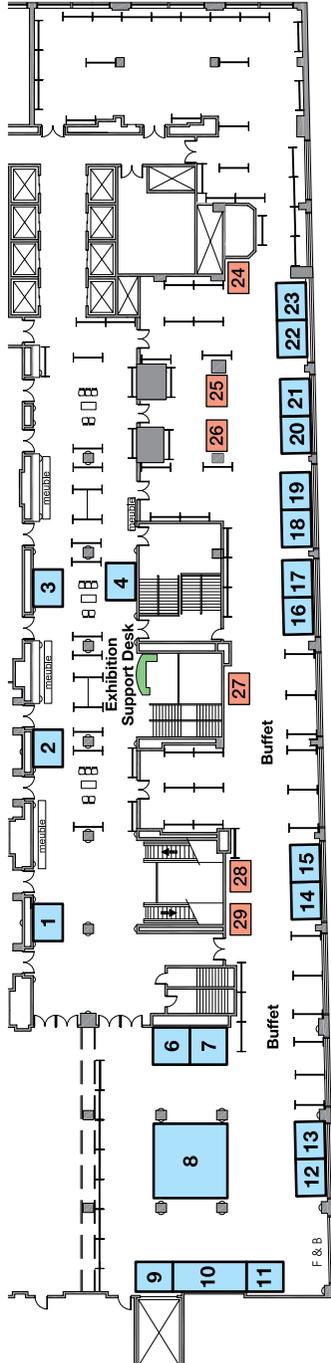
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Booth 21

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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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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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'sSM Healthcare of Atlanta

Children's Healthcare of Atlanta

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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 10

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for families facing spinal cord injuries

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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.



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Booth 23

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REX BIONICS

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Booth 17

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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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