

Committee Meeting Schedules 2011

TIME	Day 1 Friday, June 3rd		Day 2 Saturday, June 4th	Day 3 Sunday, June 5th
	Renwick		Latrobe	Burnham
7:00 A.M. to 11:00 A.M.	ISCoS ISCoS Executive Committee Meeting ISCoS Break ISCoS Nominations Committee ISCoS Prevention Committee ISCoS Education Committee (working lunch – buffet style) ISCoS Scientific Committee ISCoS Membership Committee (Renwick) / ISCoS Ethics Committee (Latrobe Room)		ISCoS 8:00 A.M. to 9:30 A.M. ISCoS Editorial Board 9:30 A.M. to 12:30 P.M. ISCoS Council Meeting	
11:00 A.M. to 11:15 A.M.				
11:15 A.M. to 12:00 P.M.				
12:00 P.M. to 1:00 P.M.				
1:00 P.M. to 3:00 P.M.				
3:00 P.M. to 5:00 P.M.				
5:00 P.M. to 6:00 P.M.	ISCoS Membership Committee (Renwick) / ISCoS Ethics Committee (Latrobe Room)		ISCoS AGM	
	Day 2 Saturday, June 4th		Monday, June 6th	
	Latrobe		Independence A	
8:00 A.M. to 9:00 A.M.	ASIA ASIA Journal Committee ASIA International Standards Committee ASIA Autonomic Standards Committee ASIA Education Committee ASIA Pediatrics Committee		ASIA ASIA Rehab Standards Committee ASIA Program Committee ASIA Membership Committee ASIA Research Committee	
9:00 A.M. to 10:00 A.M.				
10:00 A.M. to 11:00 P.M.				
11:00 P.M. to 12:00 P.M.				
12:00 P.M. to 1:00 P.M.				
			Marriott Hotel Boardroom	
	Day 3 Sunday, June 5th		ASIA	
	Bullfinch		6:30 P.M. to 10:00 P.M. ASIA Board of Directors	
5:00 P.M. to 6:30 P.M.	ASIA ASIA 40th Anniversary Committee Meeting			

SPINE SYMPOSIUM: Marriott Hotel - Salons AB

TIME	Day 2 Saturday, June 4, 2011	TIME	
1:00 to 1:15 P.M.	Introduction to Course - Presenter: Jim Harrop/Alex Vaccaro	2:45 to 3:00 P.M.	Anti-NOGO Presenter: Ajay Verma 1. Discuss the pathophysiology of NOGO for treatment of neuronal injuries. 2. Discuss beneficial results of drug intervention and current FDA status. 3. Discuss potential adverse reactions. 4. Describe current status of therapy in terms of basic science and clinical trials.
1:15 to 1:30 P.M.	Acute interventions/Neuroprotection Consortium for Spinal Cord Medicine Guidelines Presenter: Stephen Burns 1. Discuss members and initiatives for consortium. 2. Discuss general outline and methodology of evidence based approach. 3. Review guidelines and options for acute treatment of SCI patients.	3:00 to 3:15 P.M.	BA-210 / Cethrin Presenter: Jim Harrop 1. Discuss the pathophysiology of Cethrin for treatment of neuronal injuries. 2. Discuss beneficial results of drug intervention and current FDA status. 3. Discuss potential adverse reactions. 4. Describe current status of therapy in terms of basic science and clinical trials. BREAK
1:30 to 1:45 P.M.	ICU care and role of blood pressure management Presenter: Nelson Saldula 1. Discuss the anatomy and pathophysiology of acute SCI. 2. Overview of initial hospital assessment and care of traumatic SCI patient. 3. Review evidence and role of blood pressure management in acute SCI patient. 4. Discuss beneficial strategies in the ICU in terms of survival and reducing morbidities.	3:15 to 3:30 P.M.	Chronic Intervention /Assessment
1:45 to 2:00 P.M.	Timing of Surgical Intervention Presenter: Nelson Paul Arnold 1. Discuss the basic science work on effect of acute decompression after traumatic SCI. 2. Describe the protocol and implementation of the current surgical treatment of acute SCI study. 3. Discuss present results from the STASCIS trial.	3:30 to 3:45 P.M.	Stem cell therapy (Neuralstem) Presenter: Karl Johe 1. Discuss the basic science work on effect of stem cell therapy for neurologic recovery after traumatic SCI. 2. Discuss beneficial results of stem cell intervention and current FDA status. 3. Discuss potential adverse reactions. 4. Describe current status of therapy in terms of basic science and clinical trials.
2:00 to 2:15 P.M.	Discussion and Questions - BREAK	3:45 to 4:00 P.M.	University of Miami Experience with Schwann Cells Presenter: James Guest 1. Discuss the current neurosurgery care at Miami. 2. Review limitations of current treatment algorithms. 3. Review potential newer tools and strategies to improve neurologic function.
2:15 to 2:30 P.M.	Pharmacology/Neuroregeneration Riluzole Presenter: Michael Fehlings 1. Discuss the pathophysiology of Riluzole for treatment of neuronal injuries. 2. Discuss beneficial results of drug intervention and current FDA status. 3. Discuss potential adverse reactions. 4. Describe current status of therapy in terms of basic science and clinical trials.	4:00 to 4:15 P.M.	Proneuron Presenter: Dan Lammertse 1. Discuss current FDA status. 2. Discuss clinical outcomes of study. 3. Discuss potential adverse reactions.
2:30 to 2:45 P.M.	Asubio Presenter: Ben Levinson 1. Discuss the pathophysiology of Asubio for treatment of neuronal injuries. 2. Discuss beneficial results of drug intervention and present FDA status. 3. Discuss potential adverse reactions. 4. Describe current status of therapy in terms of basic science and clinical trials.	4:15 to 4:30 P.M.	Geron Presenter: Edward Wirth 1. Discuss current FDA status. 2. Discuss clinical outcomes of study. 3. Discuss potential adverse reactions. BREAK
		4:30 to 4:45 P.M.	Assessment of SCI with MRI Presenter: S. Kurpad 1. Discuss the current imaging for SCI. 2. Discuss newer modalities – Diffusion tractography. 3. Discuss using MRI to assess injury severity and prognosis.
		4:45 to 5:00 P.M.	Case Conference Discussion and Questions - Concluding remarks.
		5:00 to 5:15 P.M.	
		5:15 to 5:30 P.M.	

State of the Science

Day 3

Sunday, June 5, 2011

Please see State of the Science Schedule.

National Rehabilitation Hospital

5:30 P.M.
to 9:30 P.M.

Welcome Reception (all attendees) at National Rehabilitation Hospital (NHR).
Transportation to and from Reception are provided from 5:30 PM to 10:00 PM. All buses are wheelchair accessible.

TIME	Day 4 Monday, June 6, 2011		McPherson, Franklin, Lafayette, Farragut
	Independence Foyer		
7:00 A.M. to 8:00 A.M.	Combined Continental Breakfast		<u>Cyber Cafe & Electronic Posters</u>
	Independence A		will be ongoing in the McPherson, Franklin, Lafayette, Farragut room.
8:00 A.M. to 10:00 A.M.	<u>Joint Opening Session</u>		
	1) Opening Welcome Remarks 2) ISCoS 50TH Anniversary 3) Guttman Lecture	4) ASIA Lifetime Achievement Award 5) Sell Lecturer	
	Independence Foyer		
10:00 A.M. to 10:30 A.M.	Combined Break - Independence Foyer		
	Independence A	Independence B, C, D, E	Independence F, G, H, I
10:30 A.M. to 12:00 P.M.	<u>Course I</u>	<u>Paper Session 1 - Neurourology Part 1</u>	<u>Paper Session 2 - Respiratory</u>
	<p>Clinical Trial Outcome Measures for Acute/ Sub-acute Cervical AIS-A SCI.</p> <p>Course Chair: Steeves</p>	<p>Presenter: Monga 1) Clinical trial to Investigate the Efficacy of Acute Sacral Neurostimulation Using a Novel Transdermal Amplitude-modulated Signal (TAMS) in Subjects with Neurogenic Detrusor Overactivity.</p> <p>Presenter: McDonagh 2) Is Renal Tract Ultrasound Alone Effective for Detecting Calculi?</p> <p>Presenter: Singh 3) Botulinum-A Toxin in the Management of Detrusor Hyperreflexia in Spinal Cord Injured Patients: An Indian Experience.</p>	<p>Presenter: Kumar 4) Observations on Changes in Bladder Wall Thickness after Treatment with Tolterodine - ER and Botulinum Toxin in Patients with Detrusor Hyperreflexia after SCI.</p> <p>Presenter: Singh 5) Prostate-Sphincter Stent in Patients with Acontractile Detrusor After Spinal Cord Injury: An Indian Experience.</p> <p>Presenter: Singh 6) Alpha Adrenergic Antagonists—Do they Really Relieve Outlet Obstruction?</p> <p>Presenter: Dyson-Hudson 7) Prevention of Long-Term Respiratory Complications of Spinal Cord Injury.</p> <p>Presenter: Wadsworth 8) Abdominal Binder Effect on Respiratory, Voice and Haemodynamic Outcomes after a Tetraplegic Spinal Cord Injury.</p> <p>Presenter: Mueller 9) Prediction Models for Lung Function of Individuals with Motor Complete SCI.</p> <p>Presenter: DiMarco 10) Effects of Spinal Cord Stimulation (SCS) Via Wire Electrodes on Expiratory Muscle Activation.</p> <p>Presenter: Onders 11) Intramuscular Diaphragm Pacing for Respiratory Support in Tetraplegics: Current Worldwide Status in 2010.</p> <p>Presenter: Silva 12) Life Expectancy After Ventilation in a Spinal Injuries Centre.</p>
12:00 P.M. to 1:00 P.M.	Lunch sponsored by Coloplast. Due to limited capacity please collect your lunch ticket for the symposium from the Coloplast stand before 11:30 Monday morning. Unreserved seats will be available on a first come basis (Independence B, C, D, E) all others lunch on your own.		

<p>Day 4 (Cont.)</p> <p>1:00 P.M. to 2:30 P.M.</p>	<p>Independence A</p> <p><u>Paper Session 3</u> Translational Research Part 1</p> <p>Presenter: Wirth 13) Update on a Phase I Safety Trial of Human Embryonic Stem Cell-Derived Oligodendrocyte Progenitor Cells (GRNOPCI) in Subjects with Neurologically Complete, Subacute SCI.</p> <p>Presenter: Floyd 14) The Effect of Nicotine on Functional Recovery and Neuropathic Pain After SCI.</p> <p>Presenter: Kramer 15) Patterns of Sensory Preservation and Recovery after Cervical Complete SCI.</p> <p>Presenter: Tansey 16) Transcutaneous Spinal Cord Stimulation to Augment Locomotor Output in Spinal Cord Injury.</p> <p>Presenter: Guest 17) Utility of Monitoring Spinal Cord Conduction During Cell Transplantation in Incomplete SCI.</p> <p>Presenter: Dunham 18) Effect of Sulfasalazine on Neuropathic Pain Following Spinal Cord Injury.</p>	<p>Independence B, C, D, E</p> <p><u>Paper Session 4</u> Neurourology Part 2</p> <p>Presenter: Harvey 19) Training Unsupported Sitting in People with Recently-acquired Paraplegia: A Randomized Controlled Trial.</p> <p>Presenter: Sabre 20) High Incidence of Traumatic SCI in Estonia from 1997-2007.</p> <p>Presenter: Cremascoli 21) Prediction Models Relationship Between Vesico-Ureteral Reflux and Glomerular Filtration Rate in Adults with SCI.</p> <p>Presenter: Skoog 22) Changes in Intrathecal Baclofen Dosage During Long Term Treatment in Patients with Spasticity due to SCIs.</p> <p>Presenter: Seager 23) Electroejaculation for the Treatment of Anejaculation in Neurologically Impaired Males: 15 Years' Experience.</p> <p>Presenter: Edokpolo 24) Intermittent Catheterization and Recurrent Urinary Tract Infection in SCI.</p>	<p>Independence F, G, H, I</p> <p><u>Course 2</u> 1:00 P.M. to 2:30 P.M.</p> <p>Multidisciplinary Approach to Dysphagia and Respiratory Care in Individuals with Spinal Cord Injury.</p> <p>Course Chair: Shem</p>	<p>McPherson, Franklin, Lafayette, Farragut & Renwick, Bulfinch, Latrobe</p> <p>State of the Science</p> <p>1:00 P.M. to 4:30 P.M.</p> <p><i>Open only to State of the Science Registrants</i></p> <p><i>Please refer to the State of Science Schedule</i></p>		
<p>2:30 P.M. to 4:00 P.M.</p>	<p>Independence A</p> <p><u>Paper Session 5</u> Translational Research Part 2</p> <p>Presenter: Smith 25) Pulsed Radiofrequency Denervation at the Lumbar Dorsal Roots Reduces Below-Level Neuropathic Pain in a Rat Model of Spinal Cord Injury.</p> <p>Presenter: Joseph 26) Implications of Human Distal Sciatic Nerve Fascicular Anatomy for Ankle Control with Nerve Cuff Electrodes.</p> <p>Presenter: Kwon 27) Development of a Porcine Model of Spinal Cord Injury.</p> <p>Presenter: Huang 28) Phenotypical Difference of Circulating Monocytes in Spinal Cord Injury (SCI) Patients.</p>	<p>Independence B, C, D, E</p> <p><u>Paper Session 6</u> Spine</p> <p>Presenter: Furlan 29) An Ontario-based Cost-utility Analysis on the Palliative Care of Patients with Metastatic Spinal Cord Cancer: The Standard of Care versus Direct Decompressive Surgical Resection followed by Radiotherapy.</p> <p>Presenter: Fürstenberg 30) Neurological Outcome After Fast-Track Surgery (< 48h) in Spinal Cord Compression Caused by Vertebral Metastases.</p> <p>Presenter: Street 31) Incidence and Impact of Acute Adverse Events in Patients with Traumatic SCI.</p> <p>Presenter: Aono 32) Short-Segment Pedicle Instrumentation by Indirect Reduction Without Vertebroplasty for Thoracolumbar Burst Fractures.</p> <p>Presenter: Furlan 33) Factors Associated with Outcomes of Patients who Develop Non-traumatic Spinal Cord Injury due to Spinal Hemorrhage during Thromboprophylaxis Treatment.</p> <p>Presenter: Mashhadi Nezhad 34) Clinical Results of Surgical Management in Type II Odontoid Fracture.</p>	<p>Independence F, G, H, I</p> <p><u>Course 3</u> 2:30 P.M. to 4:00 P.M.</p> <p>Interaction of pelvic organs after spinal cord lesion: consequences for bladder and bowel management</p> <p>Course Chair: Wyndaele</p>			
<p>4:00 P.M. to 5:30 P.M.</p>	<p>Free evening.</p>			<p>ISCOs AGM 4:30 P.M. to 6:30 P.M. Independence A - Snacks and Drinks Included</p>	<p>ASIA BOARD MEETING 6:30 P.M. to 10:00 P.M. Marriott Hotel Boardroom</p>	<p>SCOPE RECEPTION 5:30 P.M. to 7:00 P.M. Wilson Room - By invitation only</p>

TIME	Day 5 Tuesday, June 7, 2011		McPherson, Franklin, Lafayette, Farragut		
7:00 A.M. to 8:30 A.M. 8:30 A.M. to 10:30 A.M. 10:30 A.M. to 11:00 A.M.	Constitution A	Independence Foyer	<u>Cyber Cafe & Electronic Posters</u> will be ongoing in the McPherson, Franklin, Lafayette, Farragut room.		
	Membership Meeting (Breakfast) ASIA	Continental Breakfast			
	Independence				
	<u>Joint Plenary Session</u> - State of the Science Conference Recommendations				
11:00 A.M. to 12:30 P.M.	Independence A	Independence B, C, D, E	Independence F, G, H, I		
	<u>Course 4</u> Using the Spinal Cord Injury Common Data Elements: A Workshop. Course Chair: Biering-Sørensen	<u>Paper Session 7 - Awards Posters</u> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 33%;"> Presenter: Beauregard 35) Community Needs of People Living with Spinal Cord Injury and their Families. Presenter: Cowan 36) Perceived Exercise Barriers and Odds of Exercise Participation among Persons with SCI Living in High Income Households. Presenter: Eriks-Hoogland 37) Acromio-clavicular Joint Arthrosis in Persons with Spinal Cord Injury and with Shoulder Pain Compared to Able-Bodied Persons with Shoulder Pain. Presenter: Stacey 38) Genetic Polymorphisms may Influence the Development and Healing of Sitting Acquired Pressure Ulcers Following SCI. </td> <td style="vertical-align: top; width: 33%;"> Presenter: Waring 39) Lab Abnormalities with Late Stage Pressure Ulcers: Are they Really Significant? Presenter: Wong 40) How Nutritional Risk is Assessed and Managed in Patients with SCI - Results from a UK Multi Centre Study. Presenter: Kennedy 41) Planning and Structuring SCI Rehabilitation: The Needs Assessment Checklist (NAC). Presenter: Oyster 42) Wheelchair Skill Performance of Manual Wheelchair Users with SCI. Presenter: Nagy 43) Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users with Spinal Cord Injury. </td> <td style="vertical-align: top; width: 33%;"> Presenter: Abel 44) Therapeutic Anti-Nogo-A Antibodies in Acute Spinal Cord Injury: Safety and Pharmacokinetic Data from an Ongoing First-in-Human Trial. Presenter: Bryce 45) Proposed International Classification of Pain after Spinal Cord Injury: Preliminary Validation Data. Presenter: Lopez de Heredia 46) MRI of Pressure Sores in Spinal Cord Injured Patients. </td> </tr> </table>	Presenter: Beauregard 35) Community Needs of People Living with Spinal Cord Injury and their Families. Presenter: Cowan 36) Perceived Exercise Barriers and Odds of Exercise Participation among Persons with SCI Living in High Income Households. Presenter: Eriks-Hoogland 37) Acromio-clavicular Joint Arthrosis in Persons with Spinal Cord Injury and with Shoulder Pain Compared to Able-Bodied Persons with Shoulder Pain. Presenter: Stacey 38) Genetic Polymorphisms may Influence the Development and Healing of Sitting Acquired Pressure Ulcers Following SCI.	Presenter: Waring 39) Lab Abnormalities with Late Stage Pressure Ulcers: Are they Really Significant? Presenter: Wong 40) How Nutritional Risk is Assessed and Managed in Patients with SCI - Results from a UK Multi Centre Study. Presenter: Kennedy 41) Planning and Structuring SCI Rehabilitation: The Needs Assessment Checklist (NAC). Presenter: Oyster 42) Wheelchair Skill Performance of Manual Wheelchair Users with SCI. Presenter: Nagy 43) Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users with Spinal Cord Injury.	Presenter: Abel 44) Therapeutic Anti-Nogo-A Antibodies in Acute Spinal Cord Injury: Safety and Pharmacokinetic Data from an Ongoing First-in-Human Trial. Presenter: Bryce 45) Proposed International Classification of Pain after Spinal Cord Injury: Preliminary Validation Data. Presenter: Lopez de Heredia 46) MRI of Pressure Sores in Spinal Cord Injured Patients.
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12:30 P.M. to 1:30 P.M.	Lunch sponsored by Hollister, Inc. in Independence F, G, H, I (all others lunch on your own). ASIA Call to Action: Be a SCI Champion. A lunch symposium designed to educate ASIA members on opportunities to expand Medicare coverage for the Spinal Cord Injury community. This coverage aims to improve quality of life and give better access to product choice. Attendees will hear from Dr. Michael Kennelly, President of ASIA, and a keynote speaker from the U.S. House of Representatives on how they can raise their voices today as SCI Champions.				

<p>Day 5 (Cont.)</p> <p>1:30 P.M. to 3:00 P.M.</p>	<p>Independence A</p> <p><u>Prevention Program</u></p> <p>TBA</p>	<p>Independence B, C, D, E</p> <p><u>Course 5</u></p> <p>Functional Electrical Stimulation in SCI: From theory to practice.</p> <p>Course Chair: Martin</p>	<p>Independence F, G, H, I</p> <p><u>Paper Session 9 - Pediatrics Part 2</u></p> <p>Presenter: Wong 52) Prevalence of Malnutrition in Paediatric Patients Admitted to Uk Spinal Injury Centre – A Pilot Result.</p> <p>Presenter: Patt 53) Prevalence of Vitamin D Deficiency in Youth with Spinal Cord Injury.</p> <p>Presenter: Mulcahey 54) Diffusion Tensor Imaging of the Pediatric Spinal Cord: Preliminary Evaluation.</p> <p>Presenter: Dugger 55) “NO OBSTACLES”: A Return to School Program for SCI Adolescents.</p> <p>Presenter: Bourque 56) Functional Recovery in Adolescent Males with Incomplete SCI Following Intensive Activity Based Restorative Therapy.</p> <p>Presenter: Zebracki 57) Use of Attendant Care in Individuals with Pediatric-Onset Tetraplegia.</p>
<p>3:00 P.M. to 3:30 P.M.</p>	<p>Combined Break - Independence Foyer</p>		
<p>3:30 P.M. to 5:00 P.M.</p>	<p>Independence A</p> <p><u>Course 6</u></p> <p>Activity-based Therapies in Spinal Cord Injury: Clinical Focus and Empirical Evidence in Three Independent Programs.</p> <p>Course Chair: Jones</p>	<p>Independence B, C, D, E</p> <p><u>Paper Session 10 - Rehabilitation and Assistive Technology Part 1</u></p> <p>Presenter: Nash 58) Evidence Favoring Daily Exercise for Enhanced Fasting and Postprandial Glucose and Lipid Homeostasis in Paraplegia.</p> <p>Presenter: Whiteneck 59) Inpatient and Post-Discharge Rehabilitation Services Provided in the First Year after SCI: Findings from the SCI Rehab Study.</p> <p>Presenter: Wu 60) Multifactorial Tissue Health Assessment of At-Risk Users and Effects of Weight Shifting with a Dynamic Cushion.</p> <p>Presenter: Heutink 61) The CONECSTrial: A Randomized Controlled Trial of a Multidisciplinary Cognitive Behavioral Program for Coping with Chronic Neuro-pathic SCI Pain.</p> <p>Presenter: Nemeth 62) A Comparison of Relative Performance of Various Skin Protective Wheelchair Seat Cushions in Real Life Use.</p> <p>Presenter: Rupp 63) Feasibility And Efficacy of a Robotic, Home-Based Locomotion Therapy – Results of a Baseline Study with Chronic, Incomplete SC Injured Subjects.</p>	<p>Independence F, G, H, I</p> <p><u>Course 7</u></p> <p>Patients’ perspectives on pain.</p> <p>Course Chair: Norrbrink</p>
<p>5:30 P.M. to 6:30 P.M.</p>	<p>International Society for Restorative Neurology Reception (by invitation only) - Wilson Room</p>		
<p>7:00 P.M. to 11:00 P.M.</p>	<p>Dinner Dance - Independence A</p>		

TIME	Day 6 Wednesday, June 8, 2011		McPherson, Franklin, Lafayette, Farragut
7:00 A.M. to 8:00 A.M. 8:00 A.M. to 10:00 A.M.	Independence Foyer		<u>Cyber Cafe & Electronic Posters</u> will be ongoing in the McPherson, Franklin, Lafayette, Farragut room.
	Combined Continental Breakfast Joint Plenary Session Awards Papers Presentation <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Presenter: Kennelly 64) Clinical and Urodynamic Outcomes with Intradetrusor Injections of OnabotulinumtoxinA in Patients with Neurogenic Detrusor Overactivity Related to SCI.</p> <p>ISRT Lecture Awards Presentation: Best Papers/Posters, Apple Award, Schmidt/Sell Research Grant presented by Suzanne Groah, M.D., Research and Awards Committee Chair. Introduction to ISCoS 2012</p> </div> <div style="width: 30%;"> <p>Presenter: Richardson 65) Effects of Nicotine on Spinal Cord Injury Related Pain: A Randomized, Double-Blind, Placebo-Controlled Crossover Trial.</p> </div> <div style="width: 30%;"> <p>Presenter: Benito 66) Motor and Gait Improvement in Incomplete Spinal Cord Injury with High Frequency Repetitive Transcranial Magnetic Stimulation.</p> <p>Presenter: Krause 67) Do Risk Factors for Mortality after SCI Parallel those from the General USA Population?</p> </div> <div style="width: 30%;"> <p>Presenter: Kwon 68) Expectations of Risk, Benefit, and Preclinical Scientific Rigor in Experimental Treatments for Spinal Cord Injury: A Survey of SCI Individuals.</p> <p>Presenter: Mueller 69) Comparison of Respiratory Muscle Training Methods in Individuals with Motor Complete Tetraplegia.</p> </div> </div>		
Combined Break - Independence Foyer			
10:00 A.M. to 10:30 A.M. 10:30 A.M. to 12:00 P.M.	Independence A	Independence B, C, D, E	Independence F, G, H, I
	<u>Course 8</u> Secondary Complications in Spinal Cord Injury Across the Continuum: Predicting the Impact and Optimizing Management Strategies. Course Chair: Dvorak	<u>Paper Session 11 - Rehabilitation and Assistive Technology Part 2</u> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Presenter: Saunders 70) A Longitudinal Study of Depression after Spinal Cord Injury.</p> <p>Presenter: Velstra 71) The European GRASSP Responsiveness Study: Advanced Insights in the Recovery of Patients with cervical SCI.</p> <p>Presenter: Stevens 72) Impact of Underwater Treadmill Training on Functional Mobility in Adults with Incomplete Spinal Cord Injuries.</p> </div> <div style="width: 45%;"> <p>Presenter: Giordano 73) Driving for Happiness: Modified Vehicles and Health-Related Quality of Life after Spinal Cord Injury.</p> <p>Presenter: Carty 74) Alterations in Body Composition and Spasticity Following Neuromuscular Electrical Stimulation Training in Spinal Cord Injury.</p> <p>Presenter: Lichy 75) Disparities in Wheelchair Type, Wheelchair Skill Level, and Community Participation by Payer Source.</p> </div> </div>	
12:00 P.M. to 1:00 P.M. Networking session for SCI physical therapists. Open to all SCI physical therapists (all others lunch on your own).			

**Day 6
(Cont.)**

Independence A

Independence B, C, D, E

Independence F, G, H, I

1:00 P.M.
2:30 P.M.

Course 9

Surgical Restoration of Arm and Hand Function in People with Tetraplegia.

Course Chair:
Keith

Paper Session 13 - **Rehabilitation and Assistive Technology Part 3**

Presenter: Smith

82) Electromyographic Characteristics and Muscle Involvement Patterns of Phasic Spasms in Patients with SCI: Background Study to Determine Applicability of Implantable High-Frequency Nerve Blockade for Spasm Control.

Presenter: Lee

83) Effect of 6 Weeks Aerobic Exercise using the Motor Driven Rowing Machine in Persons with SCI.

Presenter: Gorman

84) Robotic Treadmill Training Improves Peak Exercise Capacity in Chronic Motor Incomplete SCI: A Pilot Controlled Clinical Trial.

Presenter: Carty

85) Neuromuscular Electrical Stimulation for Aerobic Training in Spinal Cord Injury.

Presenter: Nooijen

86) A more Active Lifestyle is Associated with a Better Physical Fitness and a Reduced Risk of Cardiovascular Disease in Persons with a Recent SCI.

Presenter: Tzen

87) Effects of Sensation and Autonomic Function on Reactive Hyperemia Following Pressure with and without Cooling in People with SCI.

Paper Session 14 - **Free Papers Part 1**

Presenter: Chen

88) A Comparison of Medicare Patients in the SCI Model System Database and National Medicare Databases.

Presenter: Bergström

89) Outcomes of Lower Limb Fractures After Spinal Cord Injury.

Presenter: Johanson

90) Upper Limb Motor Control after Tendon Transfer in Tetraplegia.

Presenter: Hitzig

91) The Role of Post-Traumatic Stress Disorder Symptoms in Spinal Cord Injury-Related Chronic Pain.

Presenter: Flett

92) Ultraviolet-C Irradiation (UVC) Improves Wound Healing in persons with Spinal Cord Injury (SCI).

Presenter: Marti

93) To Work or Not to Work. Labour Market Participation (LMP) of Persons with SCI Living in Switzerland.

2:30 P.M.
to 3:00 P.M.

Combined Break - Independence Foyer

3:00 P.M.
to 4:30 P.M.

Course 10

Psychosocial Outcomes among Youth with Spinal Cord Injury and their Primary Caregivers.

Course Chair:
Vogel

Paper Session 15 - **Autonomic Systems**

Presenter: Jan

94) Relationship Between Heart Rate Variability and Sacral Skin Perfusion in People with Spinal Cord Injury.

Presenter: Krassioukov

95) Autonomic Dysreflexia Following Spinal Cord Injury – Translating Knowledge into Best Practice for Health Care Practitioners.

Presenter: le Nobel

96) Autonomic Dysfunctions in Individuals with Acute Spinal Cord Injury: Experience Using the International Autonomic Standards Form.

Presenter: Catz

97) A Model of Cardiovascular Regulation by Thoracic Spinal Cord Centers.

Presenter: Previnaire

98) Assessment of Severity of Autonomic Lesion in Complete Spinal Cord Injury Patients.

Presenter: Middleton

99) Autonomic Dysreflexia - A Spinal Network and Health System Challenge.

Paper Session 16 - **Free Papers**

Presenter: Anderson

100) United States (US) Multi-Center Study to Assess the Validity and Reliability of the Spinal Cord Independence Measure (SCIM III).

Presenter: Kalsi-Ryan

101) Graded Redefined Assessment of Sensibility Strength and Prehension (GRASSP): Psychometric Development of an Upper Limb Impairment Measure for Individuals with Traumatic Tetraplegia.

Presenter: Oleson

102) SCI Classification: Comparison of Human and Computer Algorithm for ASIA Impairment Scale Grades.

Presenter: Bolliger

103) Confusion in Conversion.

Presenter: Mulcahey

104) Evaluation of Item Banks of Daily Routines and Participation for Patient Reported Outcomes Following Spinal Cord Injury Using Computer Adaptive Testing Platforms.

Presenter: Dantas

105) Evaluation of Functional Recovery in a Spinal Cord Injured (SCI) Population, Using the Spinal Cord Independence Measure III (SCIM III).

AWARDS ELIGIBLE

Presenter: Beauregard

1) Community Needs of People Living with Spinal Cord Injury and Their Families.

Presenter: Cowan

2) Perceived Exercise Barriers and Odds of Exercise Participation Among Persons with SCI Living in High Income Households.

Presenter: Eriks-Hoogland

3) Acromio-Clavicular Joint Arthritis in Persons with Spinal Cord Injury and with Shoulder Pain Compared to Able-Bodied Persons with Shoulder Pain.

Presenter: Stacey

4) Genetic Polymorphisms may Influence the Development and Healing of Sitting Acquired Pressure Ulcers Following Spinal Cord Injury.

Presenter: Waring

5) Lab Abnormalities with Late Stage Pressure Ulcers: Are They Really Significant?

Presenter: Wong

6) How Nutritional Risk is Assessed and Managed in Patients with Spinal Cord Injuries (SCI) - Result From a UK Multi Centre Study.

Presenter: Kennedy

7) Planning and Structuring Spinal Cord Injury Rehabilitation: The Needs Assessment Checklist (NAC).

Presenter: Oyster

8) Wheelchair Skill Performance of Manual Wheelchair Users with Spinal Cord Injury.

Presenter: Nagy

9) Pushrim Kinetics During Advanced Wheelchair Skills in Manual Wheelchair Users with Spinal Cord Injury.

Presenter: Abel

10) Therapeutic Anti-Nogo-A Antibodies in Acute Spinal Cord Injury: Safety and Pharmacokinetic Data from an Ongoing First-in-Human Trial.

Presenter: Bryce

11) Proposed International Classification of Pain after Spinal Cord Injury: Preliminary Validation Data.

Presenter: Lopez de Heredia

12) MRI of Pressure Sores in Spinal Cord Injured Patients.

AUTONOMIC SYSTEM

Presenter: Costa

13) Preliminary Results with New Botulinum Toxin A (BoNTA) in Refractory Detrusor overactivity in SCI Patients.

NEUROUROLOGY

Presenter: Wang

14) What is Wrong with the Assessment of Spasticity, the Method Itself or the Way the Method is Used or the Results are Interpreted?

Presenter: Burki

15) Significance of Upper Tract Abnormalities Identified on Ultrasound During Follow Up of Neurogenic Bladder Patients.

Presenter: Burki

16) Suprapubic Catheter Insertion in Spinal Cord Injured Patients – Our 1 Year Experience.

Presenter: Lynch

17) Neurological Complications of Aging with Chronic SCI.

Presenter: Kosaka

18) Anatomical Analysis of Cervical Posterior Fusion (Roy-Camille Lateral Mass Screw) with Enhanced Cervical CT Scan.

Presenter: Yoo

19) Categorization of Pain Complaints from Spinal Cord Injury Patients According to Bryce-Ragnarsson Pain Taxonomy.

Presenter: Solonchuk

20) Alterations in Electromyography Parameters During the Late Stage of Traumatic Spinal Cord Injury.

Presenter: Lin

21) Bladder Recovery and Nerve Regeneration in Complete Spinal Cord Transected Rats Treated with a Peripheral Nerve Graft, Acidic Fibroblast Growth Factor, and Chondroitinase ABC.

PEDIATRICS AND ADOLESCENTS

Presenter: Pegrum

22) An Objective Case Controlled Study: Does Cervical Muscle Adaptation in Male Rugby Players Aged 13-18 Occur when Compared to Age Matched Controls?

Presenter: Hartley

23) YIPES: Youth Injury Prevention Education at Shepherd.

Presenter: Chlan

24) The Effect of Age at Injury on Outcomes in Adults with Pediatric-Onset SCI.

Presenter: Jackson

25) Exploring Parental Ethnotheories in the Development of Resilience in Children.

REHABILITATION AND ASSISTIVE TECHNOLOGY

Presenter: Garrett

26) Clinical Application of the Wheelchair Skills Program: Objective Testing and Training Methods.

Presenter: Hastings

27) Interaction of Posture and Function: A Case Report.

Presenter: Hastings

28) The Differences in Self-Esteem, Function, and Participation Between Adults With Low Motor Tetraplegia Who Use Power or Manual Wheelchairs.

Presenter: Hastings

29) Length of Inpatient Rehabilitation Stay following a C6-C7 SCI and the Effects on Wellness, Function, and Community Participation.

Presenter: Scivoletto

30) Walking Index for Spinal Cord Injury (WISCI) Reliability in Patients with Acute Spinal Cord Injury (SCI).

Presenter: Collinger

31) Attitude towards Brain-Computer Interface Technology among Veterans with Spinal Cord Injury.

Presenter: Barthélemy

32) Functional Implications of Corticospinal Tract Impairment After Spinal Cord Injury.

Presenter: Atluri

33) Effects of Backrest Elevation of Transport Stretcher/Gurney on Sacral Interface Pressure.

Presenter: Gorman

34) Robotic Treadmill Training does not Improve Timed Measures of Ambulatory Function in Chronic Motor Incomplete SCI: A Pilot Controlled Clinical Trial.

Presenter: Tamburella

35) Short and Long-Term Effects of Kinesiotaping on Spasticity, Balance and Walking in Chronic Incomplete Spinal Cord Injury Subjects.

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REHABILITATION AND ASSISTIVE TECHNOLOGY (Continued)

Presenter: Liu

36) The Effects of Functional Electrical Stimulation Cycling Exercise on Neurogenic Bowel in Patients with Spinal Cord Injury.

Presenter: Dechter

37) Nocturnal Home Turning Schedule for Pressure Relief among Persons with SCI.

Presenter: Somers

38) Compensation and Restoration in the Rehabilitation of Walking after Spinal Cord Injury: A Review of the Evidence.

Presenter: Graham

39) The Use of Leisure Time Technology by Patients Hospitalized for SCI.

Presenter: Bersch

40) The Importance of the Intensity and the Number of Sessions per Week of Functional Electrical Stimulation (Fes) in Patients with Post Traumatic Spinal Cord Injury (SCI).

Presenter: Jaramillo

41) Multi-center Survey of Rehabilitation Protocols After Tendon Transfer to Restore Pinch in Tetraplegia.

Presenter: Hitzig

42) The Benefits of a SCRP Therapeutic Recreation Cottage Program on Psychological Well-Being in Persons with Spinal Cord Injury.

Presenter: McClure

43) Comparison of Pressure in Commercially Available Seat Cushions in Fulltime Wheelchair Users with Spinal Cord Injury.

Presenter: Hartley

44) Improving Quality of Life Through Treatment and Community Reintegration for Individuals with High Tetraplegia; Shepherd Center High Tetra Program.

Presenter: Joo

45) Contractile Response to Acetylcholine of Colonic Muscle is Related to the Change of Muscarinic Receptor in Spinal Cord Injured Rat.

Presenter: Nash

46) An Aspirin Pro-Drug Rapidly Improves Fasting and Postprandial Glycemia and Lipemia in Persons with Chronic Tetraplegia: Preliminary Findings.

Presenter: Triolo

47) Efficacy of Multicontact Spiral Nerve Cuff Electrodes for Standing with an Implanted Neuroprosthesis.

Presenter: Arora

48) Rehabilitation Outcomes in Traumatic Cervical Spinal Cord Injury in Elderly People.

Presenter: Zanca

49) Group Physical Therapy Utilization in Inpatient Rehabilitation for Acute Spinal Cord Injury.

Presenter: Craven

50) Impact of Secondary Health Conditions on Functional Abilities in Persons with Spinal Cord Injury.

Presenter: Wolfe

51) Unfractionated Heparin vs Low Molecular Weight Heparin as Prophylaxis Against Venous Thromboembolism post SCI: A Meta-Analysis.

Presenter: Berliner

52) Robotic Training of Forearm and Wrist Movements After Spinal Cord Injury.

Presenter: Backus

53) Neural and Functional Outcomes after Lower Extremity And Walking Activity-Based Interventions for Persons with Spinal Cord Injury: A Research Synthesis.

Presenter: Backus

54) Health-Related Outcomes after Lower Extremity And Walking Activity-Based Interventions for Persons with Spinal Cord Injury: A Research Synthesis.

Presenter: Backus

55) Spasticity Management in Persons with Spinal Cord Injury: A Research Synthesis.

Presenter: Goihl

56) Series of Case Studies in a Locomotor Training Program: Function, Quality of Life and Participation Outcomes in Individuals with Spinal Cord Dysfunction.

Presenter: Hong

57) How do VA Clinicians Prescribe and Perceive Power-Assist Wheelchairs?

Presenter: Gorgey

58) Effects of Neuromuscular Electrical Stimulation Resistance Training on Ectopic Adipose Tissue and Insulin Growth Factors-I Profile in Men with SCI.

RESPIRATORY MANAGEMENT

Presenter: Karlsson

59) Increasing Incidence of Ventilator Dependent Patients Require Reorganisation of SCI Care.

SPINE

Presenter: Enishi

60) Significant Fracture-Dislocation of the Thoracic or Lumbar Spine Without Neurologic Deficit: A Report of Two Cases.

Presenter: Matsuoka

61) Anterior Cervical Discectomy and Fusion with Titanium Cage for Cervical Spinal Disease.

Presenter: Ishikawa

62) Reliability of Daily Step Activity Monitoring in Adults with Incomplete Spinal Cord Injury.

Presenter: Wallace

63) Use of High Voltage Electrical Stimulation for Healing of Recalcitrant Pressure Ulcer on Patients with Spinal Cord Injury.

Presenter: Chaw

64) Panspinal Epidural Abscess without Fever: An Unusual Case Due To Streptococcus Intermedius.

Presenter: Nakao

65) Distal embolic brain infarction due to recanalization of asymptomatic vertebral artery occlusion resulting from cervical spine injury. Case report.

SURVIVAL/ LIFE EXPECTANCY

Presenter: Furlan

66) The Incidence and Prevalence of Traumatic Spinal Cord Injury in the World.

Presenter: Kalke

67) Demographic Changes and trends in the Spinal Cord Injury Centre in Ulm / Germany.

Presenter: Lakra

68) A Comparative Study Assessing the Impact of Social Counseling on Quality of Life Among Males and Females with Spinal Cord Injuries.

Presenter: Onder

69) Incidence of Acute Hepatitis B in Patients with Spinal Cord Injury.

TRANSLATIONAL RESEARCH

Presenter: Guilcher

70) Application of the Andersen's Health Care Utilization Framework to Secondary Complications of SCI: A Scoping Review.

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TRANSLATIONAL RESEARCH (Continued)

Presenter: Thompson

71) Operant Up-conditioning of the Tibialis Anterior Motor Evoked Potential in People with Incomplete Spinal Cord Injury.

Presenter: Pomerantz

72) Operant Down-conditioning of the Soleus H-reflex in People with Incomplete Spinal Cord Injury.

Presenter: Swaine

73) A Novel Ultrasound Protocol for Measuring Soft Tissues and Detecting Deep Tissue Injury in the Buttocks.

Presenter: Hitzig

74) The Spinal Cord Injury Participation and Quality of Life (Par-QoL) Web-Based Tool-Kit.

Presenter: Soril

75) Modeling the Provision of Care for Patients with Traumatic SCI in British Columbia.

Presenter: Fingas

76) Classifying Neurological Impairment and Spinal Column Injuries: Does Administrative Coding Accurately Represent Clinical Diagnoses?

Presenter: Rasheed

77) Improving Spinal Cord Injury Services in Canada through Accreditation.

Presenter: Rasheed

78) Providing Incentives to Primary Care Physicians for Increasing Their Knowledge in SCI.

Presenter: Ljungberg

79) Barriers for Newly Injured Individuals with SCI Returning to the Community.

Presenter: Hsieh

80) Rehabilitation Outcomes in People with Spinal Cord Disease.

Presenter: Dvorak

81) Estimating the Incidence and Prevalence of Spinal Cord Injury in Canada.

Presenter: Craven

82) Fragments 1.0: Initiating Changes in Sublesional Osteoporosis Management through a Case Based Tool Developed from "Best Evidence" and Practice.

Presenter: Hsieh

83) Best Practice Implementation: Physical Therapy Outcome Measures in SCI.

FREE PAPERS

Presenter: Babamohamadi

84) Coping Strategies Used By People With Spinal Cord Injury: A Qualitative Study.

Presenter: Rathore

85) Suicide bombing as an Unusual Cause of Spinal Cord Injury: A descriptive Case series from Pakistan.

Presenter: Murphy

86) Reasons for Job Loss Following Return to Work Post Traumatic Spinal Cord Injury.

Presenter: van Koppenhagen

87) Physical Capacity After Spinal Cord Injury in a Follow Up Cohort Study 5 Years After Discharge and the Effects of Loss to Follow Up.

Presenter: Kennedy

88) The Adapss a New Measure of Cognitive Appraisals Following Acquired Spinal Cord Injury.

Presenter: Wong

89) A Three-Stage Evaluation of the Spinal Nutrition Screening Tool (SNST) in Patients with Spinal Cord Injuries (SCI) - Result From a UK Multi Centre Study.

Presenter: Dalal

90) Prevalence of Dyslipidemia After Spinal Cord Injury.

Presenter: Banovac

91) Prevalence of Hypertension After Spinal Cord Injury.

Presenter: Banovac

92) Is Diabetes Mellitus More Common After Spinal Cord Injury?

Presenter: Perret

93) Development of Exercise Performance after First Rehabilitation in Subjects with Spinal Cord Injury.

Presenter: Alexander

94) Ampyra in Acute AIS B SCI without Preservation of Pinprick.

Presenter: Scivoletto

95) Neoplastic Myelopathies And Traumatic Spinal Cord Lesions: Comparison Of Functional And Neurologic Outcome.

Presenter: Scivoletto

96) Recovery Following Ischemic Myelopathies And Traumatic Spinal Cord Lesions.

Presenter: Farnan-Kennedy

97) A Subspecialty Nursing Certification in Spinal Cord Injury: An Idea Whose Time has Come?

Presenter: de Groot

98) Prospective Analysis of Lipid Profiles in People with Spinal Cord Injury from 1 Year to 5 Years After Discharge of Inpatient Rehabilitation.

Presenter: Gururaj

99) Comparison of Sagittal Alignment, Balance of Spine and Pelvis Between Indian and European Population – A Pioneer Study.

Presenter: Raghav

100) Efficacy of Peer Counselling in Facilitating Life Long Adjustment of People with SCI in South-East Asian Countries.

Presenter: Rauch

101) A Case Report on the Application of the ICF (International Classification of Functioning, Disability and Health) in Rehabilitation Management in Spinal Cord Injury.

Presenter: Franke

102) Development of Arm Hand Skilled Performance Up to 5 Years After Inpatient Rehabilitation in Persons with a Cervical Spinal Cord Injury.

Presenter: New

103) Admission Delays for Patients Referred to a Spinal Rehabilitation Unit.

Presenter: New

104) International Comparison of Non-traumatic SCI Rehabilitation: Survey of Services and Organisation of Care.

Presenter: Angel

105) Getting on with Life Following a Spinal Cord Injury: Regaining Meaning Through Six Phases.

Presenter: Forchheimer

106) Explaining the Dynamics of Pain Interference in Spinal Cord Injury.

Presenter: Furlan

107) A Validation Study of the National Trauma Registry as a Canadian Spine Trauma Database.

Presenter: Rutberg

108) The Role of the Spinal Cord Neurologist in the Reconstructive Handsurgery Team.

Presenter: Bazzocchi

109) Intestinal Transit Study is an Essential Supplement for Defining Severity of Bowel Dysfunction in Patients with SCI: Correlation with Clinical Score.

Presenter: Tate

110) Neurological Level of Injury as a Factor in Depression and the Use of Anti-depressants Among SCI-D Inpatients.

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FREE PAPERS (Continued)

Presenter: von Groote

111) International Perspectives on Spinal Cord Injury (IPSCI).

Presenter: Eriks-Hoogland

112) Measuring Body Structures and Body Functions from the ICF Perspective: Considerations for Biomedical Parameters in Spinal Cord Injury (SCI) Research.

Presenter: Oleson

113) Late Complications of Intrathecal Baclofen Pump Management.

Presenter: Rauch

114) Physical Activity in Persons with Spinal Cord Injury - What Makes the Difference?

Presenter: Post

115) SwiSCI: Design of an ICF-based Spinal Cord Injury Research Program in Switzerland.

Presenter: Brinkhof

116) SCI Characteristics and Outcomes of First Rehabilitation: First Evidence from the Swiss Spinal Cord Injury Cohort Study (SwiSCI).

Presenter: Eelmae

117) Epidemiology of Traumatic Spinal Cord Injury in Haapsalu Neurological Rehabilitation Centre from 2008-2010.

Presenter: van Leeuwen

118) Structural Relationships Between Personal Factors, Functioning and Subjective Quality of Life.

Presenter: Brurok

119) Arm Cycling combined with Lower Extremity Vascular Occlusion enhance VO2 peak in persons with high level SCI.

Presenter: Erhan

120) Ultrasonographic Evaluation Of Elbow Joint And Triceps Tendon Among Paraplegic Patients; A Preliminary Controlled Study.

Presenter: Tørhaug

121) Arm Cycling Combined with Passive Leg Cycling enhance VO2 Peak in Persons with Spinal Cord Injury Above the 6th Thoracic Vertebra.

Presenter: Rauch

122) Rehabilitation Needs in Persons with Spinal Cord Injury in Post-Earthquake Haiti.

Presenter: Meagher

123) Indications and Trends in use of CT of the Renal Tract in Spinal Cord Injured Patients.

Presenter: Lopez de Heredia

124) Long-term Effect of MRI on Sacral Anterior Root Stimulators: The Stoke Mandeville experience.

Presenter: Savas

125) Neuropathic Pain in Patients with Spinal Cord Injury.

Presenter: Hagen

126) Health-Related Quality of Life Among Patients with Traumatic Spinal Cord Injuries.

Presenter: Aito

127) Incidence of Preventable Complications in Acute SCI: A Worldwide Survey.

Presenter: Lin

128) Physical Therapy Workforce in the United States: Forecasting Nationwide Shortages.

Presenter: Lin

129) Occupational Therapy Workforce in the United States: Forecasting Nationwide Shortages.

Presenter: Latt

130) Analysis of New Spinal Cord Injury Admissions over a 10 year Period in a UK centre.

Presenter: Swaine

131) Ultrasonic Detection of Suspected Deep Tissue Injury – The Jury is Still Out About its Clinical Relevance.

Presenter: Sarhan

132) Complications Following SCI During the Acute Phase.

Presenter: Tow

133) Rehabilitation Outcomes of Robotic Assisted Locomotor Training in Spinal Cord Injured Individuals.

Presenter: Hussain

134) Extensive Dermatitis Artefacta in a Longstanding T4 Paraplegic Below the Level of Lesion.

Presenter: Rupp

135) Advanced Opportunities of Computer Implementations of the International Standards for Neurological Classification of Spinal Cord Injury.

Presenter: Thumbikat

136) Pressure Ulcers in the Immediate Post Injury Period.

Presenter: Werhagen

137) Causes of Traumatic Spinal cord Injuries: Evidence from the Past 30 Years in the Area of Florence.

Presenter: Radhakrishna

138) Direct Cost of Care in Individuals Sustaining Spinal Cord Injuries from Motor Vehicle Collisions in the Province of Quebec.

Presenter: Craven

139) Secondary Health Conditions and Health Preference in Spinal Cord Injury.

Presenter: Murray

140) Ten Things You Might Not Know about SCIs Worldwide.

Presenter: Noonan

141) Bladder Dysfunction in Patients with Thoraco-lumbar Spinal Cord Injuries: A Long Term Follow-up Study.

Presenter: Hosier

142) Cardiometabolic Risk Profiles in Pre- Versus Postmenopausal Women with Spinal Cord Injury.

Presenter: Guihan

143) Colonoscopy is Safe for Veterans with Spinal Cord Injury or Disorder.

Presenter: Walden

144) Rick Hansen Spinal Cord Injury Registry (RHSCIR): A Canadian Initiative.

Presenter: Delparte

145) Comprehensive, Multimodal, Integrated Approach to Patient and Family Education following Spinal Cord Injury (SCI).

Presenter: Craven

146) Impairment and Rehabilitation Outcomes of Ontarians with Traumatic and Non-Traumatic SCI.

Presenter: Wolfe

147) Spinal Cord Injury Knowledge Mobilization Network.

Presenter: Islam

148) Pressure Ulcer: Current Status and Preventing Health Behaviour Utilised by Community Residing People with Spinal Cord Lesion (SCL) in Bangladesh.

Presenter: Hasnan

149) Muscle Oxygenation Trend during FES-Assisted Cycling in Spinal Cord Injured Individuals.

Presenter: Yeo

150) Is The Progressive Necrosis Which Occurs in the Contused Spinal Cord Reversible?