

2026 ANNUAL

★ SCIENTIFIC MEETING ★

ASIA PRECOURSE ONE **Thursday, April 23, 2026 PEARL 1 & 2**

Multidisciplinary Spine Tumor Management: Integrating Cutting-Edge Oncology and Rehabilitation Strategies for Optimal Patient Outcomes

TIME	TITLE	PRESENTERS
7:30 AM - 8:30 AM	Breakfast / Registration	
8:00 AM - 8:05 AM	Welcome and Introduction	Lisa M. Ruppert, MD
8:05 AM - 10:10 AM	Session 1: Oncologic Management of Spinal Tumors	
8:05 AM - 8:40 AM	• Multidisciplinary Management of Malignant Spinal Cord Compression	W. Christopher Newman, MD, MPH
8:40 AM - 9:15 AM	• Role and Outcomes of Radiotherapy in the Multidisciplinary Management of Spine Tumors	Yoshiya Yamada, MD
9:15 AM - 9:50 AM	• Spinal Tumors: The Role of Systemic Therapy	Elizabeth Coffee, MD
9:50 AM - 10:10 AM	Stretch Break	
10:10 AM - 11:55 AM	Session 2: Integrating Rehabilitation Medicine into the Oncologic Care Plan	
10:10 AM - 10:45 AM	• Integrating Rehabilitation Medicine into the Continuum of Spine Tumor Care	Lisa M. Ruppert, MD
10:45 AM - 11:20 AM	• Inpatient Rehabilitation Care for Patients with Spinal Tumors: Precautions, Functional Recovery, and Symptom Management	Amy H. Ng, MD, MPH
11:20 AM - 11:55 AM	• Bridging Two Worlds: Nursing Perspectives in Rehabilitation and Cancer Care	Lisa Beck, MS, APRN
11:55 AM - 12:55 PM	Lunch (on your own)	
12:55 PM - 2:40 PM	Session 3: Integrating Physical and Occupational Therapy into the Oncologic Care Plan	
12:55 PM - 1:30 PM	• Spine Tumor Board-Case Discussions and Questions	Expert Panel (all speakers)
1:30 PM - 2:05 PM	• Beyond Trauma – Special Considerations for Tailoring Rehabilitation in Non-Traumatic Oncology-Related Spinal Cord Injuries	Katrina Pizzichetta, PT, DPT, CLT
2:05 PM - 2:40 PM	• Navigating Functional Prognosis and Clinical Decision Making in Inpatient Rehabilitation for Individuals with Cancer-Related SCI	Marissa Malady MOT, OTR/L, CLT
2:40 PM - 2:50 PM	Stretch Break	
2:50 PM - 4:35 PM	Session 4: From Injury to Insight: Advancing Knowledge of Cancer-Related Spinal Cord Outcomes Through Collaboration and Data Integration	
2:50 PM - 3:25 PM	• From Injury to Insight: Advancing Knowledge of Cancer-Related Spinal Cord Outcomes Through Collaboration and Data Integration	Ronald K. Reeves, MD
3:25 PM - 3:55 PM	• Should Cancer Be a Dealbreaker? Rethinking Exclusion in Spinal Cord Injury Trials	Isa McClure, PT, MAPT
3:55 PM - 4:30 PM	• Next Steps in Cancer-Related Spinal Cord Injury Research-Panel Discussion	Expert Panel (all speakers)
4:30 PM - 4:35 PM	• Conclusion	Lisa M. Ruppert, MD



Meet the Partners and Exhibitors
Time: 4:30 - 7:00 PM
3rd Floor Foyer



ICE-BREAKER
Scooping Opportunities in SCI PEARL 1 & 2
Early Career Networking Session
Location: Pearl 1 • Time: 5:00 - 6:00 PM
(all professional levels encouraged to attend)



Sponsored by
Liberate MEDICAL

ASIA PRECOURSE TWO **Thursday, April 23, 2026 PEARL 3**

Advancing Recovery through Epidemiologic, Psychosocial, and Biological Insights from the SCI Model Systems Network (2021–2026)

TIME	TITLE	PRESENTERS
7:30 AM - 8:30 AM	Breakfast / Registration	
9:00 AM - 9:15 AM	Welcome and Introduction	Jeanne Zanca, MPT, PhD
9:15 AM - 10:45 AM	Session 1: Epidemiology, Health Systems, and Financial Considerations <ul style="list-style-type: none"> Changing Demographics and Injury Profile of New Traumatic Spinal Cord Injuries in the United States, 1972-2024 Non-Traumatic Spinal Cord Injury Etiology: US SCI Model System Pilot Study Experience The Financial Assistance Needs of People Living with Spinal Cord Injury in the United States: Insights from 2 Mixed Methods Study The Relationship Between Variation in County Healthcare Resources and the Occurrence of Medical Complications After Spinal Cord Injury Medicare Fee-For-Service (FFS) Prices, Expected Rehabilitation Length of Stays, Provider Charges, Payments for Patients with Traumatic Spinal Cord Injury by Case-Mix Group, 2013-2022 Risk of Unintentional Injuries After Traumatic Spinal Cord Injury 	Yuying Chen, MD, PhD Ronald K. Reeves, MD Amanda Botticello, PhD, MPH Librada Callender, PhD, MPH Anne Deutsch, PhD, RN, CRRN Edelle Field-Fote, PT, PhD, FASIA
10:45 AM - 11:00 AM	Break (15 minutes)	
11:00 AM - 12:15 PM	Session 2: Psychosocial Interventions and Outcomes <ul style="list-style-type: none"> Prevention of Posttraumatic Stress: A RCT of Modified Brief Prolonged Exposure Therapy (Brief PE) During Inpatient Rehabilitation Post Spinal Cord Injury (SCI) Correlates of Psychological Health and Well-being Among Women with SCI Resilience adds Modest Predictive Value Beyond Depression for Pain Intensity One Year After Spinal Cord Injury Factors Associated with Opioid Use in Adults with Chronic Pain After SCI Sex Differences in Violence Related SCI At Baseline and Psychosocial Outcomes 	Librada Callender, PhD Susan Robinson-Whelen, PhD Elizabeth Felix, PhD Ricardo Battaglino, PhD Librada Callender, PhD
12:15 PM - 1:15 PM	Lunch (on your own)	
1:15 PM - 2:15 PM	Session 3: Autonomic and Organ Function, and Aging <ul style="list-style-type: none"> Validation of MENTOR Tool to Describe Bowel Dysfunction In Inpatient Rehabilitation Setting Feasibility of Conducting the International Standards to Document Autonomic Function Following SCI during Inpatient Rehabilitation Potential Benefits of Transspinal Stimulation and Blood Flow-Restricted Exercise on Respiratory and Cardiovascular Function in Individuals with Tetraplegia Development and Validation of a Spinal Cord Injury Hospitalization Risk Index using Machine Learning 	Kim Anderson-Erisman, PhD, FASIA James Wilson, DO Jill Wecht, EdD Ashraf S. Gorgey, MPT, PhD Leslie Morse, DO

★ SCIENTIFIC MEETING ★

ASIA PRECOURSE TWO

● [Click Here for Abstracts](#)

Thursday, April 23, 2026 PEARL 3

Advancing Recovery through Epidemiologic, Psychosocial, and Biological Insights from the SCI Model Systems Network (2021–2026)

TIME	TITLE	PRESENTERS
2:15 PM - 3:15 PM	Session 4: Community Participation and Physical Activity <ul style="list-style-type: none"> Impact of Time and Negative Health Events on Longitudinal Physical Independence and Social Participation Among Individuals with Chronic SCI Community Transportation Resources, Social Network Characteristics, and Self-Reported Loneliness Among Newly Injured Individuals with Traumatic Spinal Cord Injury Association of Meeting Physical Activity Guidelines with Psychosocial and Health Outcomes in Individuals with Traumatic Spinal Cord Injury Wheelchair Skills Training in Clinical Practice: A Survey of Confidence, Performance, and Utilization 	Philip Requejo, PhD Chloe Slocum, MD, MPH Kimberley R. Monden, PhD Lauren Malacarne, DPT
3:15 PM - 3:30 PM	Refreshment Break (15 minutes)	
3:30 PM - 4:45 PM	Session 5: Recovery of Neurological Function and Mobility Functional Recovery <ul style="list-style-type: none"> Myotome Conversion from Zero as a Primary Outcome of Neurorecovery SCI And Patient-Specific Factors Predicting Functional and Neurological Recovery Among People with Tetraplegia Upper Extremity Measures in SCI: Baseline Validity and Prediction of Functional Independence Beyond Walking vs. Wheeling: One-Year Mobility Outcomes After Spinal Cord Injury Using the SCI-FI/AT Findings from the Model Systems Database Neurological Changes During Inpatient Rehabilitation in Persons with Non-traumatic Spinal Cord Injury 	Suzanne Groah, MD, MSPH, FASIA Ana Valeria Aguirre-Gomez, MD Candace Tefertiller, PT, DPT, PhD, NCS Lynn Worobey, PhD, DPT, ATP Kazuko Shem, MD
4:45 PM - 5:00 PM	Discussion/Summation	Leslie Morse, DO

The contents of this educational program were developed under several grants from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR). NIDILRR is a Center within the Administration for Community Living (ACL), Department of Health and Human Services (HHS). The contents of this program do not necessarily represent the policy of NIDILRR, ACL, HHS, and you should not assume endorsement by the Federal Government.

4:30 PM - 7:00 PM



Meet the Partners and Exhibitors
 Time: 4:30 - 7:00 PM
 3rd Floor Foyer



ICE-BREAKER

Scooping Opportunities in SCI PEARL 1 & 2

Early Career Networking Session
 Location: Pearl 1 • Time: 5:00 - 6:00 PM

(all professional levels encouraged to attend)



Sponsored by
 Liberate MEDICAL

Precourse Sponsor



2026 ANNUAL

★ SCIENTIFIC MEETING ★

Friday, April 24

SALON H / L / K

7:00 AM - 8:00 AM	BREAKFAST WITH PARTNER & EXHIBITORS SALON I & J	
8:00 AM - 8:15 AM	Welcome + Opening Remarks Mark Nash, PhD, FACS, FASIA	
8:15 AM - 8:30 AM	FELLOW OF ASIA (FASIA) AWARD Jim Hamer, BA Laura Krisa, PhD	John A. Horton, III, MD Lisa Marie Ruppert, MD
8:30 AM - 9:15 AM	LIFETIME ACHIEVEMENT AWARD Naomi Kleitman, PhD, FASIA	Presented by: Daniel P. Lammertse, MD
9:15 AM - 10:00 AM	SELL LECTURE Remodeling of Sympathetic Circuitry and Dysautonomia After Spinal Cord Injury: Mechanisms and Clinical Implications Phillip Popovich, PhD ● Click Here for Abstract	
10:00 AM - 10:10 AM	Stretch Break • Transfer to Next Session	
10:10 AM - 11:10 AM	PARTNER / EXHIBITOR RECOGNITION	
11:10 AM - 11:20 AM	Stretch Break • Transfer to Next Session	

	SALON H / L / K	PEARL 3	PEARL 1 & 2
11:20 AM - 12:20 PM	COURSE 1 Accurate Neurological Classifications Using Only One Third of the Exam: How to Perform the PE-ISNCSCI Version 2 ● Click Here for Abstract	COURSE 2 Clinical Neuropathic Pain Phenotypes and Biomarkers After Spinal Cord Injury ● Click Here for Abstract	COURSE 3 An Update on the Diagnosis, Management, and Research Directions for Degenerative Cervical Myelopathy (DCM) ● Click Here for Abstract

12:20PM - 1:30PM	LUNCH SPONSORED SYMPOSIUM SALON I & J Clinical Translation of ARC-EX: Bringing Innovation into Daily Practice at Craig Hospital	Sponsored by ONWARD MEDICAL
------------------	---	------------------------------------

1:30 PM - 2:30 PM	GENERAL SESSION 1 Building Better Metrics: From Sensory Exams and Trunk Control to Quality of Life and More ● Click Here for Abstract	GENERAL SESSION 2 Pain, Pain, Go Away: Insight into Pediatric SCI and Pain ● Click Here for Abstract	GENERAL SESSION 3 Go With the Flow: Innovations in Respiratory and Urological Care ● Click Here for Abstract
2:30 AM - 2:40 PM	Stretch Break • Transfer to Next Session		

2:40 PM - 3:40 PM	COURSE 4 ASIA 2026 Data Science Challenge: Advancing SCI Recovery Prediction Through Community-Driven Innovation ● Click Here for Abstract	COURSE 5 Core Practice Principles: Assessing and Treating Trunk Impairments Post-SCI ● Click Here for Abstract	COURSE 6 SCOPE - Making Sense of Discomplete Spinal Cord Injury ● Click Here for Abstract
-------------------	---	---	--

3:40 PM - 4:40 PM	POSTER SESSION ONE	SALON G - M ● Click Here for Abstracts
-------------------	---------------------------	--

3:40 PM - 4:40 PM **REFRESHMENT BREAK WITH PARTNERS & EXHIBITORS** SALON I & J

4:40 PM - 5:40 PM	COURSE 7 Towards the use of Historical and Synthetic Control Data to Increase Efficiency in Clinical Trials ● Click Here for Abstract	COURSE 8 From Lab to Clinic: Harnessing Non-Invasive Spinal Stimulation to Recover Motor and Autonomic Control post-SCI ● Click Here for Abstract	COURSE 9 PLEX Voices: Projects to Model a Future for Successful Partnerships in Research ● Click Here for Abstract
-------------------	--	--	---

Saturday, April 25

SALON H / L / K

7:00 AM - 8:00 AM

BREAKFAST WITH PARTNER & EXHIBITORS SALON I & J

8:00 AM - 9:30 AM

AWARD-ELIGIBLE ORAL PRESENTATIONS (TOP 6) ● [Click Here for Abstracts](#)

- ★ Food Avoidance Behaviors, Associations, and Reasons Identified by Individuals Living with Spinal Cord Injuries and Disorders Sherri L. LaVela, PhD, MPH, MBA
- ★ Functional Electrical Stimulation-Assisted Coughing Improves Peak Cough Flow in Individuals with Subacute SCI Kelly Pantason, PT, DPT
- ★ Training Time of Day Influences the Extent of Improvements From ARC-EX Therapy Combined with Rehabilitation: Potential Implications of Daily Adenosine Fluctuations Randy D. Trumbower, PT, PhD
- ★ Accelerating UTI Diagnosis and Treatment: Real-Time Phenotypic AST based on Pooled Metabolic Activity in Spinal Cord Injury/Disease Ana Valeria Aguirre Guemez, MD
- ★ Enhancing Upper Extremity Motor Recovery in Persons with Chronic Tetraplegia: A Multi-Site Efficacy Randomized Controlled Trial of Transcranial Direct Current Stimulation Combined with Rehabilitation Ela B. Plow, PhD, PT, FASNRR
- ★ Unmet Attendant Care needs and Lapses in Attendant Care among those with Disability Related Non-Survivability due to Spinal Cord Injury Jon Laursen Roesler, MS

9:30 AM - 10:30 AM

ANTHONY F. DIMARCO LECTURE AWARD

Restoring Respiratory Motor Function After Spinal Cord Injury

● [Click Here for Abstract](#)

Carlos B. Mantilla, MD, PhD

Chair, Anesthesiology and Perioperative Medicine, Mayo Clinic

10:30 AM - 10:40 AM

Stretch Break/Transfer to Next Session

SALON H / L / K

PEARL 3

PEARL 1 & 2

10:40 AM - 11:40 AM

COURSE 10

Integrating Clinical and Instrumented Measures to Guide Rehabilitation of Individuals with Spinal Cord Injury

● [Click Here for Abstract](#)

COURSE 11

Employment After Spinal Cord Injury/Disorder: Advantages, Challenges, and Opportunities

● [Click Here for Abstract](#)

COURSE 12

Biosamples and Biobanking in Spinal Cord Injury: Current Practices, Challenges, and Future Directions

● [Click Here for Abstract](#)

11:40 AM - 1:00 PM

LUNCH SPONSORED SYMPOSIUM SALON I & J

Signals of Recovery: Trends Emerging from the First RCT of Transcutaneous Spinal Stimulation

Sponsored by



1:00 PM - 2:00 PM

GENERAL SESSION 4

Perspectives and Priorities for Rehabilitation and Recovery After SCI

● [Click Here for Abstract](#)

GENERAL SESSION 5

Reimagining Independence: Patient-Centered Advances in SCI Assessment, Tech, and Therapy

● [Click Here for Abstract](#)

GENERAL SESSION 6

Eat, Stim, Burn: The Ups and Downs of Energy Balance

● [Click Here for Abstract](#)



2026 ANNUAL

★ SCIENTIFIC MEETING ★

Saturday, April 25	SALON H/L/K	PEARL 3	PEARL 1 & 2
2:00 PM - 2:10 PM	Stretch Break/Transfer to Next Session		
2:10 PM - 3:10 PM	COURSE 13 Clinical Decision-Support in Spinal Cord Injury: Opportunities and Limits ● Click Here for Abstract	COURSE 14 Interactive Wheelchair Skills Lab ● Click Here for Abstract	COURSE 15 Game Changers: Adaptive Recreation as a Pathway to Better Outcomes After Spinal Cord Injury ● Click Here for Abstract
3:10 PM - 4:10 PM	POSTER SESSION TWO ● Click Here for Abstracts		
3:10 PM - 4:10 PM	REFRESHMENT BREAK WITH PARTNERS & EXHIBITORS		
4:10 PM - 5:10 PM	COURSE 16 Neuropathic Pain After Spinal Cord Injury: Challenges, Lessons, and New Directions ● Click Here for Abstract	COURSE 17 Smart Trials in SCI: Integrating AI, Real-World Data, and Personalized Endpoints ● Click Here for Abstract	GENERAL SESSION 7 Rehabilitation Remix: From Stories to Statistics ● Click Here for Abstract
5:30 PM - 7:00 PM	PRESIDENT'S RECEPTION Hosted by Mark Nash, PhD, FACSM, FASIA		
ROOMS CONF. 20 & 21 AT THE SAN ANTONIO MARRIOTT RIVERCENTER			



ROOMS CONF. 20 & 21 AT THE SAN ANTONIO MARRIOTT RIVERCENTER

Sunday, April 26

SALON H / L / K

7:00 AM - 8:00 AM Membership Breakfast

8:00 AM - 9:00 AM

Awards Session

Neilsen Foundation Allied Health Professional Research Award of ASIA
 Anthony F. DiMarco MD Award | Apple Award | Vogel Award | Mulcahey Award | TRoHNS Award
 Top 3 Oral Talk Awards | Top 3 Poster Awards | Early Career Awards

SALON H / L / K

PEARL 3

PEARL 1 & 2

9:00 AM - 10:00 AM

GENERAL SESSION 8

Restoring Function After Spinal Cord Injury:
 Emerging Clinical Trial Data from Motor
 Function to Mental Health
 ● [Click Here for Abstract](#)

GENERAL SESSION 9

The Rhythm of the Heart: 'Stewarting'
 the Beat of SCI Cardiovascular Health
 ● [Click Here for Abstract](#)

GENERAL SESSION 10

I Can see Clearly Now: From Cells to
 Bright Images, and Big Data
 ● [Click Here for Abstract](#)

10:00 AM - 10:10 AM

Stretch Break/Transfer to Next Session

10:10 AM - 11:10 AM

COURSE 18

Spinal Cord Stimulation in AD: Help,
 Harm, or Something in Between?
 ● [Click Here for Abstract](#)

GENERAL SESSION 11

Rewiring the Cord: Neuromodulation's
 Potential for Restoring Vital Functions
 After SCI
 ● [Click Here for Abstract](#)

COURSE 19

Turning Evidence into Action:
 Implementation Strategies for Motor
 Restoration and Spasticity, Bone Health,
 and Rehabilitation Engagement
 ● [Click Here for Abstract](#)

Conclusion of Annual Scientific Meeting

11:10 AM - 1:00 PM

Lunch on Own



★ SCIENTIFIC MEETING ★

COURSES Friday | April 24, 2026

COURSE	COURSE CHAIR/MODERATOR	PRESENTERS
COURSE 1 Accurate Neurological Classifications Using Only One Third of the Exam: How to Perform the E-ISNCSCI Version 2	Stephen Burns, MD	Stephen Burns, MD Brittany Snider, DO Mary Schmidt-Read, PT, DPT, MS, FASIA
COURSE 2 Clinical Neuropathic Pain Phenotypes and Biomarkers After Spinal Cord Injury	Eva Widerstrom-Noga, DDS, PhD	Eva Widerstrom-Noga, DDS, PhD Elizabeth Felix, PhD John Kramer, PhD
COURSE 3 An Update on the Diagnosis, Management, and Research Directions for Degenerative Cervical Myelopathy (DCM)	Julio C. Furlan, MD, LLB, MBA, PhD, MSc, FRCPC, FAAN, FASIA	Julio C. Furlan, MD, LLB, MBA, PhD, MSc, FRCPC, FAAN, FASIA James D. Guest, MD, PhD, FAANS, FASIA Sukhvinder Kalsi-Ryan, BScPT, MSc, PhD
COURSE 4 ASIA 2026 Data Science Challenge: Advancing SCI Recovery Prediction Through Community-Driven Innovation	Ronald James Cotton, MD, PhD	Abel Torres Espin, PhD Rüdiger Rupp, PhD, Dr-Ing Partha Sarathi Purkayastha, MSc Sujata Sinha, PhD
COURSE 5 Core Practice Principles: Assessing and Treating Trunk Impairments Post-SCI	Anne E. Palermo, PT, DPT, PhD	Anne E. Palermo, PT, DPT, PhD Gina Brunetti, PT, DPT, NCS Claire Boswell-Ruys, BSc, BAppSci Physiotherapy, PhD Maya Hatch, PhD
COURSE 6 SCOPE - Making Sense of Discomplete Spinal Cord Injury	James Guest MD, PhD	Keith Tansey, MD, PHD, FASIA Michelle Hubli, PhD
COURSE 7 Towards the use of Historical and Synthetic Control Data to Increase	Abel Torres Espin, PhD	Abel Torres Espin, PhD Catherine Jutzeler, PhD Tracy J. Mayne, PhD
COURSE 8 From Lab to Clinic: Harnessing Non-Invasive Spinal Stimulation to Recover Motor and Autonomic Control post-SCI	Goutam Singh, PT, PhD	Goutam Singh, PT, PhD Kathryn Caroline Hickey Lucas, DPT, PhD Pawan Sharma, PT, PhD Einat Engel-Haber, MD
COURSE 9 PLEX Voices: Projects to Model a Future for Successful Partnerships in Research	Matthew Rodreck	Jennifer Dulin, PhD Noam Y. Harel, MD, PhD Tommy Sutor, PhD



COURSES

Saturday | April 25, 2026

COURSE	COURSE CHAIR/MODERATOR	PRESENTERS
COURSE 10 Integrating Clinical and Instrumented Measures to Guide Rehabilitation of Individuals with Spinal Cord Injury	Monica A. Perez, PT, PhD	Rüdiger Rupp, PhD, Dr-Ing Christopher West, PhD Monica A. Perez, PT, PhD
COURSE 11 Employment After Spinal Cord Injury/Disorder: Advantages, Challenges, and Opportunities	Cristina Sadowsky, MD, FASIA	Cristina Sadowsky, MD, FASIA Trevor Dyson-Hudson, MD Kelley Simoneaux, JD
COURSE 12 Biosamples and Biobanking in Spinal Cord Injury: Current Practices, Challenges, and Future Directions	Norbert Weidner, MD	Norbert Weidner, MD Brian Kwon, MD, PhD, FASIA Andrew Park, MD Adam Ferguson, MS, PhD Rüdiger Rupp, PhD
COURSE 13 Clinical Decision-Support in Spinal Cord Injury: Opportunities and Limits	Olga Taran, PhD	Olga Taran, PhD Dennis Bourbeau, PhD Abel Torres Espin, PhD
COURSE 14 Interactive Wheelchair Skills Lab	Allison Kessler, MD	Allison Kessler, MD, MSc Anna Gonzales-Hindelang, PT, DPT, NCS Erin Prentice, MHS, OTR/L, CLT Marissa Malady, OTR/L, CLT
COURSE 15 Game Changers: Adaptive Recreation as a Pathway to Better Outcomes After Spinal Cord Injury	R. Lucas Burns, PT, DPT, PhD	Michael Furtado, PT, DPT, EdD Jordan Birdsong, PT, DPT Catherine Murray, OTR, MOT, MBA
COURSE 16 Neuropathic Pain After Spinal Cord Injury: Challenges, Lessons, and New Directions	Nikos Kyritsis, PhD	Nikolaos Kyritsis, PhD John Kramer, PhD Anastasia Keller, PhD Michelle Hook, PhD
COURSE 17 Smart Trials in SCI: Integrating AI, Real-World Data, and Personalized Endpoints	Michael G. Fehlings, MD, PhD, FRCSC, FACS, FRSC, FCAHS	Michael G. Fehlings, MD, PhD, FRCSC, FACS, FRSC, FCAHS James David Guest, MD, PhD, FAANS, FASIA Brian K. Kwon, MD, PhD, FRCSC, FASIA Mohammed Ali Alvi, MBBS, MS Karlo M. Pedro, MD

COURSES

Sunday | April 26, 2026

COURSE	COURSE CHAIR/MODERATOR	PRESENTERS
COURSE 18 Spinal Cord Stimulation in AD: Help, Harm, or Something in Between?	Einat Engel-Haber, MD	Andrei Krassioukov, MD, PhD, FRCPC, FASIA Rahul Sachdeva, PhD Soshi Samejima, DPT, PhD
COURSE 19 Turning Evidence into Action: Implementation Strategies for Motor Restoration and Spasticity, Bone Health, and Rehabilitation Engagement	Edelle Field-Fote, PT, PhD, FASIA	Edelle Field-Fote, PT, PhD, FASIA Leslie Morse, DO Allen Heinemann, PhD, ABPP, FACRM



2026 ANNUAL

SCIENTIFIC MEETING

GENERAL SESSIONS

Award-Eligible Oral Presentations **SATURDAY APRIL 25, 2026** / 8:00 AM - 9:30 AM

Moderator: Edelle Field-Fote, PT, PhD, FAPTA, FASIA • Co-Moderator: Bing Chen, PhD, MD, MEd

AWARD-ELIGIBLE ORAL PRESENTATIONS	PRESENTERS
Food Avoidance Behaviors, Associations, and Reasons Identified by Individuals Living with Spinal Cord Injuries and Disorders	Sherri L. LaVela, PhD, MPH, MBA
Functional Electrical Stimulation-Assisted Coughing Improves Peak Cough Flow in Individuals with Subacute SCI	Kelly Pantason, PT, DPT
Training Time of Day Influences the Extent of Improvements From ARC-EX Therapy Combined with Rehabilitation: Potential Implications of Daily Adenosine Fluctuations	Randy D. Trumbower, PT, PhD
Accelerating UTI Diagnosis and Treatment: Real-Time Phenotypic AST based on Pooled Metabolic Activity in Spinal Cord Injury/Disease	Ana Valeria Aguirre Guemez, MD
Enhancing Upper Extremity Motor Recovery in Persons with Chronic Tetraplegia: A Multi-Site Efficacy Randomized Controlled Trial of Transcranial Direct Current Stimulation Combined with Rehabilitation	Ela B. Plow, PhD, PT, FASNR
Unmet Attendant Care Needs and Lapses in Attendant Care Among Those with Disability Related Non-Survivability Due to Spinal Cord Injury	Jon Laursen Roesler, MS

FRIDAY APRIL 24, 2026 *All Program times are in Central Standard Time (CST)*

ORAL PRESENTATIONS	PRESENTERS
GENERAL SESSION 1: Building Better Metrics: From Sensory Exams and Trunk Control to Quality of Life and More 1:30 PM - 2:30 PM / Moderator: Trevor Dyson-Hudson, MD • Co-Moderator: Bria Mellick, MS	
Instrumented Trunk Control Assessment Using Smartphones in Individuals with Spinal Cord Injury: Psychometric Properties and Barriers to its Application	Aldo Rafael Montes Ugalde, MD
Measurement Properties of SCI-QoL Participation Short Forms	Allen Heinemann, PhD, FACRM, ABPP
Longitudinal Finite Mixture Models for Mining Complex Temporal Recovery Patterns in Patients with Traumatic and Non-traumatic Spinal Cord Injury	Karlo M. Pedro, MD
Identifying Better Proxies of Adiposity in Spinal Cord Injury	Mark Rozenzwaig, BS
Augmented Reality with See Through Visualization for Standardized ASIA AIS Sensory Examination: Development and Proof of Concept	Mark D. Cassady, MD
Validation of The Autonomic Dysfunction After Spinal Cord Injury Questionnaire for Hypotension	Meagan N. Smith, BSc (Hons)

GENERAL SESSIONS

FRIDAY APRIL 24, 2026 All Program times are in Central Standard Time (CST)

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 2: Pain, Pain Go Away: Insight into Pediatric SCI and Pain

1:30 PM - 2:30 PM / Moderator: Cristina L. Sadowsky, MD • Co-Moderator: Raza Malik, MSc, PhD

Surgical Procedures After Pediatric Traumatic Spinal Cord Injury in the United States: A National Inpatient Study	Matthew Redmond, HBSoc
Heart Rate Variability Biofeedback Training Improves Pain Interference with Mood in Individuals with Spinal Cord Injury and Chronic Pain: Preliminary Findings from a Randomized Controlled Trial	Lisa Lighthall Haubert, MPT, DPT, KEMG
Exercise-Related Pain Relief for People with SCI Related Neuropathic Pain	Meredith Pinkerton, BS, MS
Pediatric Spinal Cord Morphometry: Comprehensive Growth References and Data-Driven Grouping Rules	Laura Krisa, PhD
Diet Quality is Negatively Associated with Neuropathic Pain Severity Among People with Chronic Spinal Cord Injury	Alicia M. Sneij, PhD, RDN, MS
Pediatric Traumatic Spinal Cord Injury in Ontario, Canada: Incidence and Cohort Characterization	James A.G. Crispo, MSc, PhD

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 3: Go With the Flow: Innovations in Respiratory and Urological Care

1:30 PM - 2:30 PM / Moderator: Ashraf S. Gorgey, MPT, PhD • Co-Moderator: Annie Palermo, PT, DPT, PhD

Individual Participant Effects of Acute Intermittent Hypoxia on Peak Cough Flow; A Secondary Analysis	Tommy W. Sutor, PhD
Investigating the Feasibility, Validity and Economic Impact of a Home-Based Screening Sleep Test in the Detection of Sleep Apnea in Individuals Living with Spinal Cord Injury	Julio C. Furlan, MD, LLB, MBA, MSc, PhD, FRCPC, FAAN, FASIA
Quality-of-Life Impact of Ventilator Weaning After Diaphragm Pacing and Phrenic Nerve Reconstruction in Cervical Tetraplegia with Loss of Phrenic Nerve Integrity	Matthew R. Kaufman, MD, FACS
2023 CRAIG H. NEILSEN RESEARCH AWARD – The Use of Functional Electrical Stimulation in Conjunction with Respiratory Muscle Training to Improve Unaided Cough in Individuals with Acute Spinal Cord Injury	Stephane Philippe-Ratway, MS, CCC-SLP
Results of Diaphragm Pacing in Elderly Mechanically Ventilated Spinal Cord Injured Patients: Ageing has a Significant Effect on Diaphragm Function	MaryJo Elmo, ACNP
Urine Resazurin Reduction Ratio Is Associated with Urine Biomarkers and Likelihood of Urinary Tract Infection in Individuals with Neurogenic Bladder	Abigail Fox, BA



2026 ANNUAL

SCIENTIFIC MEETING

GENERAL SESSIONS

SATURDAY APRIL 25, 2026 *All Program times are in Central Standard Time (CST)*

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 4: Perspectives and Priorities for Rehabilitation and Recovery After SCI

1:00 PM - 2:00 PM / Moderator: Sunil Sabharwal, MD • Co-Moderator: Abigail Fox, BA

Community Perspectives On Transcutaneous Stimulation Research In The Home After Spinal Cord Injury	Bria Mellick, MS
Gaps in Recovery Priorities After Spinal Cord Injury: Perspectives of Individuals with Lived Experience and Healthcare Professionals In Japan	Soshi Samejima, DPT, PhD
Early Inpatient Approach to Sexuality in Patients with Spinal Cord Injury: Frequency, Interventions, and Perceived Barriers by Neurorehabilitation Professionals	Carla Dellarosa, PT
Effects of Older Age and Biological Sex on Axonal Survival within the Spinal Cord White Matter following Acute Cervical Spinal Cord Injury	Julio C. Furlan, MD, LLB, MBA, PhD, MSc, FRCPC, FAAN, FASIA
Research Education To Promote Clinician Participation in Rehabilitation Studies of SCI	Elliot Barden, MOT, OTR/L Obumneme Emeka Okoro, MD
Design and Delivery Preference for Physical Activity Intervention in People with Spinal Cord Injury: A Pilot Discrete Choice Experiment	Yumi Kim, PhD

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 5: Reimagining Independence: Patient-Centered Advances in SCI Assessment, Tech, and Therapy

1:00 PM - 2:00 PM / Moderator: Elizabeth Roy Felix, PhD • Co-Moderator: Tommy Sutor, MS, PhD

Patient-Centered Perspectives on Pharmaceutical Interventions for Acute Cervical Spinal Cord Injury: Community Engagement Findings to Inform Clinical Trial Design	Ian Burkhart, BS
Addressing Barriers to Gynecological Care in Women with Spinal Cord Injury: A Physiatry-Led Approach	Claire Shackleton, PhD
Predicting Walking Recovery After Mid-Severity Spinal Cord Injury	Dannae Arnold, PT, DPT, ATP
AI-Guided Robot-Assisted Feeding	Eric Schearer, PhD
Upper Limb Lower Motor Neuron Assessment in Cervical SCI: An Implementation Study	Anne M. Bryden PhD, OTR/L



GENERAL SESSIONS

SATURDAY APRIL 25, 2026 *All Program times are in Central Standard Time (CST)*

ORAL PRESENTATIONS PRESENTERS

GENERAL SESSION 6: Eat, Stim, Burn: The Ups and Downs of Energy Balance

1:00 PM - 2:00 PM / Moderator: Andrew Park, MD • Co-Moderator: Jacob A. Goldsmith, MS, PhD

Lower Cord Lesions have Higher C-Reactive Protein Levels than Higher Cord Lesions: A Surprising Finding	Christopher M. Ciriigliaro, PhD
Energy Surplus After Spinal Cord Injury	Ashraf S. Gorgey, MPT, PhD
Prevalence and Consequences of Overeating Among Individuals with Chronic Spinal Cord Injuries/Disorders	Gary J. Farkas, PhD, MSCTI
Functional Electrical Stimulation Exercise Induces Metabolic and Motor Adaptations Independent of Stimulation Intensity In Spinal Cord Injury	Jesse Brenman, BS, PhD Candidate
Effects of Transcutaneous Auricular Vagus Nerve Stimulation on Postprandial Glycemia in Individuals with Chronic Spinal Cord Injury: Preliminary Findings	Gary J. Farkas, PhD, MSCTI
Lesion Level-Dependent Systemic Muscle Wasting After Spinal Cord Injury is Mediated by Glucocorticoid Signaling in Mice	Jan Schwab, MD PhD

ORAL PRESENTATIONS PRESENTERS

GENERAL SESSION 7: Rehabilitation Remix: from Stories to Statistics

4:10 PM - 5:10 PM / Moderator: Jennifer Coker, PhD • Co-Moderator: Alex Benedetto, PhD Student

Discovering SCI Social Media Impact: Stories Behind the Statistics – Two Case Studies	Stephanie Lollino, BA
Elevated Arterial Stiffness in Persons with Spinal Cord Injury is Not Associated with Systemic Markers of Inflammation	Michelle Trbovich, MD
Key Considerations for Disability Data Collection and Accommodations: A Pilot Study to Advance Access to Primary Care for People with Spinal Cord Injuries	Carol Haywood, PhD, OTR/L
The Determinant Neurologic Level for Ambulation in Patients with Spinal Cord Injury: A Retrospective Odds Ratio Study	Yang-Chin Su, MD
Empowering Nurses with Dashboards for Individual Clinician Enhancement (DICE): A Pilot Study in a Neurorehabilitation Hospital	Jennifer Coker, PhD, MPH, FASIA

★ SCIENTIFIC MEETING ★

GENERAL SESSIONS

SUNDAY APRIL 26, 2026 *All Program times are in Central Standard Time (CST)*

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 8: Restoring Function After Spinal Cord Injury: Emerging Clinical Trial Data from Motor Function to Mental Health

9:00 AM - 10:00 AM / Moderator: Linda Jones, PT, PhD • Co-Moderator: Claire Shackleton, PhD

Efficacy of Intrathecal Administration of Recombinant Human Hepatocyte Growth Factor for Acute Cervical Spinal Cord Injury with AIS A at 72 h post-injury: Phase III Study	Kazuya Kltamura, MD, PhD
Longitudinal Associations Between Quantity and Quality of Exercise Participation and Mental Health of Persons with Spinal Cord Injury Living with Chronic Pain: A Secondary Analysis from the EPIC-SCI Randomized Controlled Trial	Matteo Ponzano, PhD
Virtual Reality-Based Kayak Training for Functional Independence and Trunk Control in Spinal Cord Injury: A Randomized Clinical Trial	Aldo Rafael Montes Ugalde, MD
Predicting Discharge Independence in Cervical SCI: Associations Between Upper Extremity Outcome Measures and CARETool Scores	Candace Tefertiller, PT, DPT, PhD
Transcutaneous Spinal Cord Stimulation to Promote Walking Recovery in Subacute Spinal Cord Injury	Candace Tefertiller, PT, DPT, PhD
Transcutaneous Spinal Cord Stimulation In The Home: Safety, Feasibility, And Caregiver Training Strategies	Lia Brunn, OTR/L, OTD

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 9: The Rhythm of the Heart: 'Stewarting' the Beat of SCI Cardiovascular Health

9:00 AM - 10:00 AM / Moderator: Gary Farkas, PhD, MSCTI • Co-Moderator: Christopher M. Ciriigliaro, PhD, CBDT

Parameter Mapping for Restoration of Seated Blood Pressure during Transcutaneous Spinal Cord Stimulation in Hypotensive People with Spinal Cord Injury	Tommy W. Sutor, PhD
Effects of Sleep-Related Breathing Disorders on Electrocardiographic Recordings in Individuals Living with Cervical or High-Thoracic Spinal Cord Injury	Julio C. Furlan, MD, LLB, MBA, MSc, PhD, FRCPC, FAAN, FASIA
Effects of a Single Bout of High-Intensity-Interval Exercise on Cardiovascular Function in Individuals with Spinal Cord Injury	Wenjie Ji, PhD
Role of Vascular Endothelial Dysfunction in Spinal Cord Injury Related Cardiovascular Disease Risk	Andrew Park, MD
Association between Blood Pressure Instability and Health-Related Quality of Life in SCI	Jill M. Wecht, EdD
Cardiovascular Risk in SCI is Best Explained by Adiposity, Not Injury Characteristics	Simran R. Prakash, BS

GENERAL SESSIONS

SUNDAY APRIL 26, 2026 *All Program times are in Central Standard Time (CST)*

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 10: I Can see Clearly Now: From Cells to Bright Images, and Big Data

9:00 AM - 10:00 AM / Moderator: Angela R. Filous, PhD • Co-Moderator: David McMillan, PhD

Patient-Derived iPSCs-glial-enriched Progenitor for Spinal Cord Injury Recovery	María del Mar Sánchez Martín, PhD
Engineering Lipid Nanoparticles for Intravenous Administration to Treat Acute Spinal Cord Injury	Daniel Hellenbrand, PhD
Micro-Structural MRI Is a Biomarker Which Predicts Baseline Heterogeneity & Outcomes After Acute Cervical Spinal Cord Injury – Insights from the RISCIS Imaging Sub-Study	Mohammed Ali Alvi, MD, MS
Imaging Biomarkers Derived Using an Artificial Intelligence (AI) Pipeline Enhance Prognostication of Patients Undergoing Surgery for Nontraumatic Spinal Cord Injury due to Degenerative Cervical Myelopathy	Mohammed Ali Alvi, MD, MS
Challenging Completeness: Data-Driven Insights into Recovery Patterns in Complete Spinal Cord Injury	Olga Taran, PhD
The Same Side Matters: Ipsilateral Corticomotor Pathways Contribute to Upper Limb Function in Cervical Spinal Cord Injury	Jia Liu, PhD

ORAL PRESENTATIONS

PRESENTERS

GENERAL SESSION 11: Rewiring the Cord: Neuromodulation's Potential for Restoring Vital Functions After SCI

10:10 AM - 11:10 AM / Moderator: Laura Krisa, PhD • Co-Moderator: Ramanamurthy Mylavarapu, PhD

Epidural Spinal Cord Stimulation Manages Low Blood Pressure After Spinal Cord Injury: Updates from the HemON Studies	Nicolas Hankov, Msc
Brain-controlled Transcutaneous Spinal Stimulation Restores Stepping Function by Potentiating Corticospinal Connectivity After Incomplete Spinal Cord Injury	Matija Milosevic, PhD
Neuromodulation-Enhanced Rehabilitation of Upper Extremities Motor Function and Trunk Control Through Cervical Epidural Stimulation in Patients with Chronic Cervical Spinal Cord Injury	Rodrigo Vilches-Aranguren, MD
Optimizing Cervical Transcutaneous Spinal Stimulation Parameters to Improve Hand Function in Children with Spinal Cord Injury	Goutam Singh, PT, PhD
Brain-controlled Epidural Spinal Cord Stimulation Modulates Descending Motor Control After Spinal Cord Injury	Zachary Boogaart, BS
Restoring Respiratory Function with Epidural Spinal Stimulation in Motor-Complete Cervical Spinal Cord Injury	Alejandra Valdivia Padilla, PhD Student

★ SCIENTIFIC MEETING ★

AWARD-ELIGIBLE POSTERS

FRIDAY, APRIL 24 | 3:40 PM - 4:40 PM AND SATURDAY, APRIL 25 | 3:10 PM - 4:10 PM

1 Implementation of Functional Electrical Stimulation Assisted Coughing in a Group Setting During Inpatient Spinal Cord Injury Rehabilitation

Brenna Murphy, PT, DPT, NCS

2 Pilot Study: Influenza Vaccine Responsiveness in People with Chronic Traumatic Spinal Cord Injury (SCI)

Ona Bloom, PhD

3 Safety and Tolerability of Intravesical Lactobacillus Rhamnosus GG For Urinary Tract Infection on Neurogenic Lower Urinary Tract Dysfunction

Christopher Riegner, MPH

4 Intra-subject Limb Comparisons of Motor and Neurophysiological Outcomes Using Examples from the European Multicentre Study About Spinal Cord Injury: Implications for Clinical Trials in Spinal Cord Injury

Kyle Missen, PhD

5 Effects of Sacral Nerve Stimulation on Lower Urinary Tract Function

Raegan Gouker, BS

6 The PedsADAPSS Parent Report: Validation of a Measure of Caregiver Appraisals in Pediatric Spinal Cord Injury

Shubhra Mukherjee, MD, FRCPC

7 Testosterone+Finasteride Improves Knee Extensor Cross-Sectional Area, Muscle Strength, and Central Activation Ratio After Spinal Cord Injury: A Randomized Double-blind, Placebo-Controlled Pilot Study

Dana Otzel, PhD, MS, ATC, LAT

8 Adenosine Related Factors Correlate with Respiratory Motor Plasticity Following Acute Intermittent Hypercapnic Hypoxia

Hannah Snyder, MS, ACSM-EP

9 Immediate Autonomic And Vascular Effects of Transcutaneous Spinal Cord Stimulation During Autonomic Dysreflexia Triggered by Pelvic Organ Stimuli in Motor-Complete Spinal Cord Injury

Raza Malik, MSc, PhD

10 Effects of Non-Invasive Spinal Cord Stimulation on Lower Urinary Tract Dysfunction In Individuals with Spinal Cord Injury: Results from the Below the Belt Trial

Erika Escamilla, MD

POSTER SESSIONS

Access/Advocacy

11 Accessibility in Healthcare Settings for People with Spinal Cord Injuries from the Perspective of Healthcare Professionals in Latin America

Melina Longoni, MD

12 Healthcare Access and Employment Among People Living with Spinal Cord Injury and Disease (SCI/D) Related Paralysis in Urban vs. Rural U.S. Populations

Julia Myers, BS

13 Knowledge of Physical Education Professionals about Sport for People with Spinal Cord Injuries

Melina Longoni, MD

14 Developing a Spinal Cord Injury Charity Care Clinic in an Academic Setting

Selina Morgan, PT, DPT, NCS, PhDc

15 Analyzing Gaps in Assistive Technology for People with High Tetraplegia Through Maslow's Hierarchy of Needs: A Qualitative Study

Tyler Petrie, BS

16 Nutritional Awareness and Knowledge of Healthcare Providers in Spinal Cord Injury Management Across Latin America

Melina Longoni, MD

Basic Science

17 Tamoxifen Promotes Gut Microbiome-Mediated Anti-Inflammatory Responses After Spinal Cord Injury in Male and Female Rats

Luis H. Pagán Rivera, MSc

18 Improving Diabetic and Hypertension Care of Veterans with SCI Multi-Year Impact of Focusing on Patient-Oriented Evidence that Matters (POEMs)

Loay Mohammed, MD

19 Demographic and Clinical Factors Associated with Employment Outcomes in Patients with Spinal Cord Injury: A Cross-Sectional Study at the Instituto Nacional de Rehabilitación, Mexico

Aldo Rafael Montes Ugalde, MD

20 Late Breaking Abstract Update: A VA Clinician-Driven Effort to Empower Veterans with SCI/D in Managing their Spasticity through a Wearable Robot

Mubeen Ansari, PhD

POSTER SESSIONS

Cardiac/Metabolic

21 Neuronal Pathways for Improving Heart Health with Electrical Stimulation

Alex Wang, BSc

22 Validity of Toe Blood Pressure Compared with Arm Blood Pressure in Healthy Adults

Ellen Merete Hagen, MD, PhD, FRCP

23 Effects of Two Aerobic Exercise Programs on Autonomic Cardiac Function, Cardiovascular Health, and Functional Outcomes in Spinal Cord Injury: A Randomized Clinical Trial

Marlene Alejandra Rodríguez Barragán, MD, MSc

24 Knowledge of and Adherence to the Dietary Guidelines for Americans by Individuals with SCI/D

Sherri L. LaVela, PhD, MPH, MBA

25 Baseline Anthropometric and Nutrition Intake Data from a Telenutrition Trial for People with Chronic Spinal Cord Injury

Kazuko Shem, MD

Case Reports/Studies

26 Parkinson's Disease After Chronic Spinal Cord Injury: A Rare Overlapping Neurologic Case

Tony Ong, BS

27 The Neurological Price of Aesthetic Surgery: A Rare Case Following Abdominoplasty

Naciye Bilgin Badur, MD, PhD

28 A Case of Myelopathy Secondary to Intrathecal Cytarabine Without Methotrexate

Hans Anderson, MD, PhD

29 White Cord Syndrome Resulting in Incomplete Tetraplegia After Elective C3–C6 Laminoplasty: A Case Report

George Cooper, MD

30 Acquired Neurogenic Thoracic Outlet Syndrome in Spina Bifida: A Case Report

Claire Turgeon, MD

31 Motor, Urinary and Bowel Function Improvement in Acute and Subacute Spinal Cord Injury followed by an Intensive Neurorehabilitation Program Enhanced with Mesenchymal Stem Cells Therapy

Rodrigo Vilches-Aranguren, MD

32 Clinical Characteristics of Spinal Cord Injury Patients: Evidence from a Rehabilitation Hospital in Jamaica

Melina Longoni, MD

33 Epidural Electrical Stimulation Improves Pulmonary Function and Aerobic Capacity Following Spinal Cord Injury

Jenny Zhang, PhD

34 Thoracolumbar Spinal Epidermoid Cyst in a Patient With Spina Bifida Occulta, Diagnostic Imaging Challenges and Review

Madeleine Berg, MD

Comorbidities

35 Prevalence, Location, and Other Data regarding Lower Extremity Fractures during Clinical Application of the ReWalk Exoskeleton 2013-2025

Keith Tansey, MD, PhD, FASNR, FASIA

36 Mental Health Outcomes Over Time of Young Adults With Violence Related Pediatric Spinal Cord Injury

Aubry L. Wood, MA

Modeling and Imaging

37 Modeling Shared Historical Data for Synthetic Control Borrowing to Enhance Replicability In Experimental Spinal Cord Injury

Simran Saggi, MPH

38 Computational Modeling of Deep Brain Stimulation to Map Brainstem Circuits Governing Locomotion in Pigs

Brian Noga, PhD

Neuromodulation

39 Enhanced Corticospinal Respiratory Plasticity Following Acute Intermittent Hypercapnic Hypoxia in Spinal Cord Injury

Kate Cavka PT, DPT, NCSD

40 Comparison of Electrical Rectal Stimulation and Digital Rectal Stimulation for Neurogenic Bowel Management in SCI/D Patient Using a Take-home Electrical Device

Kashav Mani Guatam, MD, MBBS

continued on next page



★ SCIENTIFIC MEETING ★

POSTER SESSIONS

Neuromodulation (continued)

41 Spinal Cord Epidural Stimulation as a Treatment for Orthostatic Hypotension in Spinal Cord Injury, the Neuromodulation of Autonomic Pathways: A Case Report

Rodrigo Vilches-Aranguren, MD

42 Transcutaneous Spinal Cord Stimulation is Safe and Feasible In Complex Pediatric Spinal Cord Injury: A Retrospective Chart Review

Lia Brunn, OTR/L, OTD

43 Transcutaneous Spinal Cord Stimulation Is Safe, Feasible, and Promising for Improved Walking in Pediatric Spinal Cord Injury

Lia Brunn OTR/L, OTD

Other

44 Addressing Potentially Inappropriate Medication Use and Polypharmacy in SCI Practice

Sunil Sabharwal, MD

45 Pumped Up or Let Down? A Tale of Two Mattresses and the Quest for Optimal Pressure Relief

Elizabeth Twist, MD

46 Cervical Spinal Epidural Abscess: A Systematic Review

Mark Ehioghae, MD

47 Neuromechanical Characterizations of Plantar Flexor and Dorsiflexor Muscles in Chronic Cervical Incomplete Spinal Cord Injury

Mathew Debenham, PhD

48 Lived Experiences After Motor Complete Spinal Cord Injury (C4–C7): Insights from a Qualitative Study

Kimberly Pflieger, PhD

49 Transfer Independence After Spinal Cord Injury is not Universally Important

Rachel E. Cowan, PhD

50 Restoring Mealtime Independence for Veterans with Spinal Cord Injury

Mubeen Ansari, PhD

51 Combined Effects of Activity-Based Therapy and Transcutaneous Spinal Cord Stimulation on Sub-Acute Spinal Cord Injury Individuals For Upper Limb Rehabilitation: A Pilot Study

Sujata Sinha, PhD

Outcomes

52 Client-Centered Functional Gains in Spinal Cord Injury Rehabilitation: A 25-Year Retrospective Analysis Using the Canadian Occupational Performance Measure

Jennifer Bashar, OTD, OTR/L, BCPR, CBIST

53 Disambiguating Motor Recovery After Acute Traumatic Cervical SCI: Myotome Conversions reveal Recovery Signals Masked by AIS and TMS

Ana Valeria Aguirre Guemez, MD

Pain

54 Pain in Acute and Subacute Spinal Cord Injury: Characteristics and Interference within the Context of a Randomized Controlled Trial Assessing the Feasibility of Restricting Gabapentin Administration

Yoontae Jung, MD

55 Revision to the Spinal Cord Injury Pain Instrument (SCIPI): Improving Clarity for Enhanced Diagnostic Accuracy

Thomas Bryce, MD

56 Presence, Characteristics, and Evolution of SCI-Related Neuropathic Pain During Acute Inpatient Rehabilitation

Isha Asim, SCI Clinical Research Coordinator

Respiratory

57 A Systematic Review on Sleep-Related Breathing Disorders in Para-Athletes with Spinal Cord Injury Compared with Non-Disabled Athletes

Julio C. Furlan, MD, LLB, MBA, PhD, MSc, FRCPC, FAAN, FASIA

58 Acute Spinal Cord Injury-Acquired Pneumonia Induces Sustained Lung Injury

Angela Filous, PhD

Urology

59 Smart Catheter System for Point-of-Care Urinary Monitoring

Erika Solano, MSc, Doctoral Candidate

60 The Relation between Maximal Cystometric Pressure and Long Term Change in Kidney Function in Spinal Cord Injury Patients

Bengt Skoog, MD, PHD

61 Gender-Specific Insights into Intermittent Self-Catheterization among Spinal Cord Injury Patients: Understanding Quality of Life and Decision-Making through the Continence Care Registry

Jessica Simmons, DNP, APRN, FNP-C, CWON, DNC

