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PEDIATRIC SPINAL CORD INJURY & DYSFUNCTION

JOIN THE STEEL ASSEMBLY

202 Membership Benefits

- Reduced registration fee at Steel Assembly Conference and pre-courses
- Free webinars for members
- Access to Weestep training
- Access to Steel Assembly education, resource and measurement portals
- Participation in Steel
 Assembly strategic
 initiatives

steel Assembly is focused on improving care and expanding opportunities for children with and people affected by pediatric SCI. While children with spinal cord injury represent a small segment of people living with spinal cord injury, the impact of spinal cord injury on children's ability to grow, and participate in family life, school and during play can be devastating.

Steel Assembly's mission is to advance best practice in pediatric spinal cord injury and dysfunction (SCI/D) across the globe and to exchange and disseminate knowledge, education and research to professionals and those affected by pediatric SCI/D.

Steel Assembly is an affiliate of The American Spinal Injury Association (ASIA). Steel Assembly is an organization of health care, rehabilitation and social service professionals with expertise in pediatric SCI/D, who provide education and training to professionals on pediatric spinal cord injury/dysfunction (SCI/D), and who establish evidence-informed standards for pediatric SCI research and care.



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Pre-course Schedule



Acute Flaccid Myelitis – Getting Prepared for Next Wave

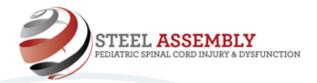
8:00 am - 8:10 am Click for ABSTRACT Click to Join SESSION	Welcome Cristina Sadowsky, MD Kenney Krieger Institute, International Center for Spinal Cord Injury, Baltimore, MD, USA	
8:10 am – 9:10 am	Etiology/Pathophysiology Sarah Kidd, MD, MPH Center for Disease Control and Prevention, Atlanta, GA, USA Kevin Messacar, MD Children's Hospital of Colorado, Aurora, CO, USA Jannel Routh, MD, MHS Center for Disease Control and Prevention, Atlanta, GA, USA	
9:10 am - 9:20 am	Break	
9:20 am – 10:20 am	Acute Neuro Leslie Benson, MD Boston Children's Hospital, Boston, MA, USA Benjamin Greenberg, MD, MHS University of Texas Southwestern Medical Center, Dallas, TX, USA Sarah Hopkins, MD, MSPH Children's Hospital of Philadelphia, Section Head, Multiple Sclerosis and Neuroinflammatory Disorders, Philadelphia, PA, USA Carlos Pardo-Villamizar, MD Johns Hopkins Hospital, Baltimore, MD, USA Ann Yeh, MA, MD The Hospital for Sick Children, Ontario, Canada	
10:20 am – 10:30 am	Break	
10:30 am – 11:30 am	Acute Rehab Joyce Oleszeck, MD Children's Hospital of Colorado, Aurora, CO, USA Amy Bayliss, MS, OTR Johns Hopkins Hospital, Baltimore, MD, USA Meghan Moore, PT, DPT Johns Hopkins Hospital, Baltimore, MD, USA Cristina Sadowsky, MD Kenney Krieger Institute, International Center for Spinal Cord Injury, Baltimore, MD, USA	
11:30 am – 11:40 am	Break	
11:40 am – 12:40 pm	Chronic Neuro/Medical Carlos Pardo, MD Johns Hopkins Hospital, Baltimore, MD, USA Janet Dean, MS, RN, CRRN, CRNP	

PEDIATRIC SPINAL CORD INJURY/DYSFUNCTION



Wednesday, Dec. 8, 2021	Continued
11:40 am – 12:40 pm	Sarah Hopkins, MD, MSPH Children's Hospital of Philadelphia, Philadelphia, PA, USA
	Leslie Benson, MD Children's Hospital of Philadelphia, Philadelphia, PA, USA
	Cristina Sadowsky, MD Kenney Krieger Institute, International Center for Spinal Cord Injury,
	Baltimore, MD, USA
	Raymond Onders, MD University Hospitals Case Western Reserve, Cleveland OH, USA
	Benjamin Greenberg, MD University of Texas Southwestern Medical Center, Dallas, TX, USA
	Sue Mukherjee, MD
	Shriners Hospital for Children-Illinois, Chicago, II, USA Megan Washburn, PT, DPT
	Children's Healthcare of Atlanta, Atlanta, GA, USA
12:40 pm – 1:40 pm	Lunch
1:40 pm – 2:40 pm	Chronic Rehabilitative (group experience) Group Discussion
Click to Join SESSION	Group Discussion
2:40 pm – 2:50 pm	Break
2:50 pm – 3:50 pm	Surgery
	Amy Moore, MD Nationwide Children's Hospital, Columbus, OH, USA
	Alan Belzberg, MD
	Johns Hopkins Hospital, Baltimore, MD, USA Scott Kozin, MD
	Shriners Hospital for Children-Philadelphia, Philadelphia, PA, USA
	Krishna V. Suresh, MD Johns Hopkins Hospital, Baltimore, MD, USA
	Ray Onders, MD
	University Hospitals Case Western University, Cleveland OH, USA
3'50 pm = /!'00 pm	Break
3:50 pm – 4:00 pm	
4:00 pm – 5:00 pm	Research
	Research Leslie Benson, MD Children's Hospital of Philadelphia, Philadelphia, PA, USA Kevin Messacar, MD
	Research Leslie Benson, MD Children's Hospital of Philadelphia, Philadelphia, PA, USA
	Research Leslie Benson, MD Children's Hospital of Philadelphia, Philadelphia, PA, USA Kevin Messacar, MD Children's Hospital of Colorado, Aurora, CO, USA Carlos Pardo-Villamizar, MD Johns Hopkins Hospital, Baltimore, MD, USA
	Research Leslie Benson, MD Children's Hospital of Philadelphia, Philadelphia, PA, USA Kevin Messacar, MD Children's Hospital of Colorado, Aurora, CO, USA Carlos Pardo-Villamizar, MD

Wednesday, Dec. 8, 2021			
5:30 pm – 7:30 pm	Welcome Reception with Partners, Exhibitors and Registration		
Thursday, Dec. 9, 2021			
7:00 am – 8:00 am	Registration and Continental Breakfast with Exhibitors & Partners		
8:00 am - 8:30 am Click to Join SESSION	Welcome and Opening Remarks Exhibitor / Partner Recognition	MJ Mulcahey, PhD, OTR\L	
8:30 – 10:20 am Click for SESSION SESSION	Musculoskeletal and Neurosurgical Management	Randal R. Betz, MD, Moderator	
	Pediatric Cervical Injuries in Patients Under 10yrs With and Without Neurological Sequela Johnathan Phillips, MD Orlando Health, Orlando, FL USA		
	Management of Acute Concomitant Brain and Spinal Cord Injury in Children Amer Samdani, MD Shriners Hospitals for Children, Philadelphia, PA, USA		
	Management of Fractures During Acute SCI and Fragility Fractures During Chronic SCI Johnathan Phillips, MD Orlando Health, Orlando, FL USA		
	Orthopedic and Pharmacological Management of Spasticity Wade Shrader, MD Nemours Children's Health System, Wilmington, DE, USA		
	Management of Chronic Neurosurgical Issues in Pediatric SCI Amer Samdani, MD Shriners Hospitals for Children, Philadelphia, PA, USA		
	Neuromuscular Scoliosis: Incidence, Management and Outcomes Randal R. Betz, MD Institute for Spine and Scoliosis, Princeton NJ, USA		
	Case Presentations with Panel Discussion Randal R. Betz, MD, Moderator Panel: J. Phillips, A. Samdani, W. Shrader, Elliot Pressman		
	Severe Spasticity		
	Neuromuscular Scoliosis		
	Acute Brain and SCI with Pelvic and Long Bone Fractures		
	Pedicle Fixation		



Thursday, Dec. 9, 2021

Continued

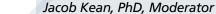
10:20 am - 10:50 am

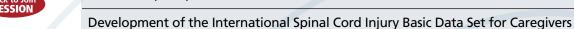
Posters Session / Break with Exhibitors & Partners

10:50 am - 11:50 am

Clinical Data Sets and Outcomes Assessments

Click for ABSTRACT





Rebecca Martin, OTD, OTR/L International Center for Spinal Cord Injury, Kennedy Krieger Institute,

Baltimore, MD, USA

Field-Testing the International Spinal Cord Injury Bowel Basic Data Set V. 2.0 in Pediatric Practices

Lawrence C. Vogel, MD

Shriners Hospitals for Children, Chicago, USA

Standardized Administration and Scoring Guidelines for the Spinal Cord Independence Measure Version 3.0 (SCIM-III)

Rachel Y. Kim, OTD, OTR/L

Thomas Jefferson University, Philadelphia, PA, USA

PedsQL™ Spinal Cord Injury Module: Reliability and Validity

Kathy Zebracki, PhD

Shriners Hospitals for Children, Chicago, IL, USA

The Pediatric Measure of Participation (PMoP) Short Forms Version 2.0

MJ Mulcahey, PhD, OTR\L

Thomas Jefferson University, Philadelphia, PA, USA

Translation and Cultural Adaptation of the Child-Report Pediatric Spinal Cord Injury Activity Measure (PEDI-SCI AM) and Pediatric Measure of Participation (PMoP) Short Forms for American Spanish

Christina Calhoun Thielen, MSPT

Thomas Jefferson University, Philadelphia, PA, USA

11:50 am - 1:00 pm

Lunch

1:00 pm - 2:00 pm

Topics in Pediatric Rehabilitation

Click for ARSTRACT

Dana Johnson, DPT, Moderator

Energy Expenditure in Children with Spinal Cord Injuries:

A Systematic Review

Samford Wong, PhD, RD

Stoke Mandeville Hospital, Aylesbury, United Kingdom

Return to School Following Catastrophic Injuries

Terry Beck, RN, BSN, MEd, CRRN

Einstein Hospital, Philadelphia, PA, USA



Thursday, Dec. 9, 2021	Continued	
	Handrim Biomechanics of Manual Wheelchair Users with Pediatric-Onset Spinal Cord Injury Matthew Hanks, PhD, ATC University of Wisconsin- Milwaukee, Wauwatosa, Wisconsin, USA Reliability of Quantitative Rotator Cuff Ultrasonography for Manual Wheelchair Users with Pediatric-Onset Spinal Cord Injury Joshua Leonardis, PhD University of Wisconsin- Milwaukee, Wauwatosa, Wisconsin, USA The Multidisciplinary Approach in Pediatric Spinal Cord Injury Rehabilitation in Seven Countries – the SINpedSCI project Wiebke Höfers, MS Sunnaas Rehabilitation Hospital, Oslo, Norway Feasibility and Safety of Aquatic Therapy for Ventilator-Dependent Children with Spinal Cord Injury Courtney Porter, PT, DPT International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA Manual Wheelchair Setup and Pain in Individuals with Pediatric-Onset Spinal Cord Injury Matthew Hanks, PhD, ATC University of Wisconsin- Milwaukee, Wauwatosa, Wisconsin, USA	
2:00 pm – 2:10 pm	Break	
2:10 pm – 2:50 pm	Keynote: Nusinersen Intrathecal Treatment Effect on the	
Click for ABSTRACT Click to Join SESSION	Natural History of SMA Michael Vitale, MD Columbia University Irving Medical Center, New York, NY, USA Craig McDonald, MD, Moderator	
2:50 pm – 3:20 pm	Posters Session / Break with Exhibitors & Partners	
3:20 pm – 4:50 pm	CONCURRENT COURSES NuroSleeve: Tailoring Upper Limb Devices to Meet the Needs of Clients and Environments: Interactive Workshop Mijail Serruya, MD, PhD; Alessandro Napoli, PhD; Mikael Avery, OTR, Masters Arch Thomas Jefferson University,	VENETIAN II ROOM Conducting and Applying the Segmental Assessment of Trunk Control for Pediatric SCI: A Hands-on Course Andrea L. Behrman, PhD, PT; Laura Leon Machado, DPT; MacKenzie Goode-Roberts, DPT University of Louisville,
	Philadelphia, PA, USA	Louisville, KY, USA



Friday, Dec. 10, 2021	
7:00 am	Registration / Exhibitors & Partners
7:30 am – 8:20 am Click for ABSTRACT Click to Join SESSION	Poster Presentations and Continental Breakfast Randal R. Betz, MD, Moderator
	Fibrocartilaginous Embolism: A Case of Asymmetric Presentation Lisa Rodriguez, PA-C Texas Children's Hospital, Houston, TX, USA
	Early Physiatry Involvement in Acute Complex Pediatric Spinal Cord Injury: Case Report
	Zainab Al Lawati MD, MEd, FRCPC, FAAPMR Texas Tech University Health Sciences Centre El Paso, El Paso, TX, USA
	Can We Restore Function to the Upper Limb after Acute Flaccid Myelitis?
	Ruth Gauden, MD Royal Children's Hospital, Melbourne, Victoria, Australia
	Continuity of Care with Standardized Activity-Based (ABT) Programs for Child Post-SCI: Infancy to 5 Years Laura Leon Machado, PT, DPT Frazier Rehab Institute - UofL Health, Louisville, KY, USA
	A Neuropathic Treatment Approach in Pediatric Spinal Cord Injury: Optimizing Neuromotor Recovery and Participation Elizabeth Ardolino, PT, PhD University of St. Augustine for Health Sciences, Driftwood, TX, USA
	Activity Based Restorative Therapies for Spinal Cord Injury with Concurrent Brain and Cranial Nerve Involvement Rebecca Martin, OTR/L, OTD
	International Center for Spinal Cord Injury at Kennedy Krieger Institute, Baltimore, MD, USA
8:20 am – 8:50 am	Posters Session / Break with Exhibitors & Partners
8:50 am – 9:30 am Click for Click to Join SESSION	Keynote: Diaphragm Pacing in Pediatric SCI and Patients with COVID-19 Raymond P. Onders, MD Case Western Reserve University School of Medicine, Cleveland, OH, USA Lawrence C. Vogel, MD, Moderator
9:30 am – 9:40 am	Break

Friday, Dec. 10, 2021	Continued
9:40 am - 10:40 am Click for ABSTRACT Click to Join SESSION	Innovation in Pediatric Rehabilitation Programming Due to COVID-19 with Case Illustrations Rebecca Martin, OTD, Moderator
	Virtual Community Reintegration: COVID and Beyond Lindsey Fish, MOT, OTR/L Shepherd Center, Atlanta, GA, USA
	Case Illustrating Reintegration During COVID-19 Lindsey Fish, MOT, OTR/L Shepherd Center, Atlanta, GA, USA
	Adaptation of an Activity-Based Therapy Program: Telehealth During the COVID-19 Pandemic Kristin Sternowski, PT, DPT, NCS International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA
	Case Illustrating Adaptation of an Activity Based Therapy Program Telehealth During the COVID -19 Pandemic Kristin Sternowski, PT, DPT, NCS International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA
	Telehealth in the Age of COVID-19: A Pediatric AFM Case Presentation Quyen Catania, PT, DPT, CLT, CWS International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA
10:40 am – 10:50 am	Break
10:50 am – 11:35 am Click for ABSTRACT Click to Join SESSION	The Stephen M. Haley Lecture: Advancements in Measures and Outcomes - Collecting Outcomes Data, Managing and Using them to Improve Decision Making Jacob Kean, PhD Mary Slavin, PhD, Moderator
11:35 am – 12:35 pm	Lunch
12:35 pm – 1:35 pm Click for ABSTRACT Click to Join SESSION	Outcomes Research and Quality Improvement Cristina Sadowsky, MD, Moderator
	Medical and Psychosocial Outcomes of 30-year Survivors of Pediatric Onset Spinal Cord Injury Kathy Zebracki, PhD



Friday, Dec. 10, 2021	Continued	
	Health and Well-being in Young Adults with Pediatric Onset Spinal Cord Injury Compared to Controls Alicia M. January, PhD Shriners Hospitals for Children, Chicago, IL, USA	
	Outcomes of Coaching-in-Context with Caregivers of Children with SCI MJ Mulcahey, PhD, OTR\L Thomas Jefferson University, Philadelphia, PA USA	
	A Quality Improvement Initiative for Health Outcomes in Spinal Cord Conditions (HOSCC): An Interim Report Soojin Kim, MD, FRCSC BC Children's Hospital, Vancouver, British Columbia, Canada	
	Transitioning from Pediatric to Adult Spinal Cord ilnjury Services: A Quality Improvement Project Eimear Smith, MB, MSc, MD, FRCPI National Rehabilitation Hospital, Dublin, Ireland	
	A Quality Improvement Initiative: Assessing Patient Satisfaction in a Pediatric Spinal Cord Clinic (SCC) using a Modified PSQ-18 Survey Jacqueline Purtzki, MD, FRCPC BC Children's Hospital, Vancouver, British Columbia, Canada	
1:35 pm – 2:05 pm	Posters Session / Break with Exhibitors & Partners	
2:05 pm – 3:10 pm Click for Click to Join	Priorities and Lived Experiences of Persons with SCI Kathy Zebracki, Moderator	
ABSTRACT SESSION	Paediatric Health and Life Priorities of Individuals with Spinal Cord Injury in Spain Marta Ríos León, PT, PhD Hospital Nacional de Parapléjicos, Toledo, Spain	
	What Brings you In? Children with Spinal Cord Injury Presenting to Primary Care: A Pediatrician's Perspective Jennifer Thompson, MD University of Louisville, Louisville KY, USA	
	Can you Hear a Million Voices? Elin Salmiranta, PhD Student, MSc, B.eng Jonkoping University, Jonkoping, Sweden	
	Lived Experience of Spinal Cord Injury Jeff Beeson Aurora, IL, USA	

Friday, Dec. 10, 2021	Continued	
Click to Join SESSION	Panel Discussion <i>Elin Salmiranta, Jeff Beeson Kathy Zebracki, PhD, Moderator</i>	
3:10 pm – 3:20 pm	Break	
3:20 pm – 4:50 pm	Infusing Coaching in Your Practice to Optimize Outcomes (90 minute Interactive Workshop) Marie-Christine Potvin, PhD, OTR/L; Rachel Y. Kim, OTD, OTR/L; Nicole Gerhardt, MS, OTR/L, CBIS; Thomas Jefferson University, Philadelphia, PA USA	VENETIAN II ROOM Adaptive Gaming: It's a Win-Win (60 minutes) Katie Kimball, MS-OT, OTR/L, RYT-200; Brian Tanner, PT, DPT, NCS; Shanna Thorpe, CRTS Shepherd Center, Atlanta, GA, USA
Saturday, Dec. 11, 2021		
7:30 am – 8:30 am	Registration and Continental Breakfast	
8:30 am - 9:10 am Click for ABSTRACT Click to Join SESSION	Keynote: Lessons Learned from Precision Medicine Therapeutics in Muscle Disease: Gene and Cell-based Therapies and Novel Community Digital Endpoints in Duchenne Muscular Dystrophy Craig McDonald, MD Professor and Chair PMR Professor of Pediatrics University of California Davis Health, Sacramento, CA, USA Andrea L. Behrman, PhD, PT, Moderator	
9:10 am – 9:20 am	Break	





Saturday, Dec. 11, 2021

Continued

9:20 am - 10:20 am

CONCURRENT SESSIONS

Diagnostics and Medical Management

Marika Augutis, PhD, OTR\L, Moderator



Click to Join SESSION

Development of an Evidencebased Pediatric Neurogenic Bowel Management Standard of Care (SOC) Louise Rudden, MScN, NP Pediatrics, CDE

Holland Bloorview Kids Rehabilitation Hospital, Toronto, Ontario, Canada

Nutritional Support for Children with Spinal Cord Injury at the Rehabilitation Stages I-II

Svetlana Valiullina, MD, PhD, Dr.Sc. (med), Professor International Department in Clinical and Research Institute of Emergency Pediatric Surgery and Trauma, Moscow, Russia

Autologous Bone Marrow Derived Mononuclear Cell Therapy of Pressure Injury in People with Spinal Cord Injury Rajeshwar Nath Srivastava, MS King George's Medical University, Lucknow, Uttar Pradesh, India

Pediatric spinal cord tumours-delayed diagnosis and rehabilitation outcomes Charlotte Davis MSc, BSc, PA-R Royal National Orthopaedic Hospital, London, United Kingdom

Local and Global Perturbations of Functional Connectivity in Pediatric Chronic SCI Associated with Severity of Injury Laura Krisa, PhD

Thomas Jefferson University, Philadelphia, PA, USA

10:20 am - 10:30 am

Break

VENETIAN II ROOM

Aquatic Therapy for Ventilator-Dependent Children with Spinal Cord Injury



Courtney Porter PT, DPT; Alaena McCool MS, OTR/L, CPAM; Courtney Heavner, PTA; Kimberly Rotondo, PTA International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA

Saturday, Dec. 11, 2021	Continued	
10:30 am - 11:30 am	CONCURRENT SESSIONS Neuromodulation and Neuroplasticity Claudia Angeli, PhD, Moderator Goutam Singh, PhD, PT; Claudia Angeli, PhD; Kathryn Lucas, PhD, DPT University of Louisville, Louisville, KY, USA MacKenzie Goode-Roberts, PT, DPT UofL Health at Frazier Rehab, Louisville, KY, USA Anastasia Keller, PhD University of California, San Francisco, CA, USA Rebecca Martin, OTD International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA	WENETIAN II ROOM Best Practices for Return to School Post Cervical Spinal Cord Injury Adina Bradshaw, MS, CCC-SLP, ATP, CPACC; Debra Eldred, MS, CCC-SLP Shepherd Center, Atlanta, GA, USA
11:30 am – 11:40 am	Break	
11:40 am – 12:25 pm Click for SESSION Click to Join SESSION	The McCollough Lecture: Tendon and Nerve Transfers for Restoration of Upper Limb Function in Children with SCI Scott H. Kozin, MD Shriners Hospitals for Children, Philadelphia, PA, USA MJ Mulcahey, PhD, OTR/L, Moderator	
12:25 pm	Closing Remarks MJ Mulcahey, PhD, OTR/L	

Steel Assembly 2021 Posters







- Implementation of a Formal Education Program for Caregivers and Youth with SCI/D Kristen Wagner, PT, DPT Children's Healthcare of Atlanta, Atlanta, GA, USA
- Spinal Cord Injury-Movement Index (SCI-MI)
 Development and Preliminary Validation of the Fine
 Motor Item Pool
 Rachel Kim, OTD, OTR/L
 Thomas Jefferson University, Philadelphia, PA, USA
- Coaching in Context: Implications for Practice & Parent Perspectives
 Rachel Kim, OTD, OTR/L Thomas Jefferson University, Philadelphia, PA, USA
- Atlas-based Quantification of DTI Measures in the Typically Developing Spinal Cord Laura Krisa, PhD Thomas Jefferson University, Philadelphia, PA, USA
- Epidemiology in Pediatric Spinal Cord Injury and Dysfunction for last 30 Years (1990–2019) in Korea Bum-Suk, Lee, MD Korea National Rehabilitation Center, Seoul, South Korea
- Big Data for "Small N" Problem: Open Data Commons for Spinal Cord Injury – Pediatrics Anastasia Keller, PhD University of California, San Francisco, San Francisco, CA, USA
- 7. Intensive Rehabilitation Management of Patients with Acute Flaccid Myelitis: A Case Series

 Megan Washburn, PT, DPT
- 8. Autologous Bone Marrow Derived Mononuclear Cell Therapy of Pressure Injury in People with Spinal Cord Injury Dr. Rajeshwar Nath Srivastava King George's Medical University, Lucknow,

Uttar Pradesh, India

9. Role of Stem Cell Intervention on Quality of Life (QoL) in Acute Spinal Cord Injury (ASCI) Subjects – A Longitudinal Cohort Study

Dr. Rajeshwar Nath Srivastava

King George's Medical University, Lucknow,

Uttar Pradesh, India

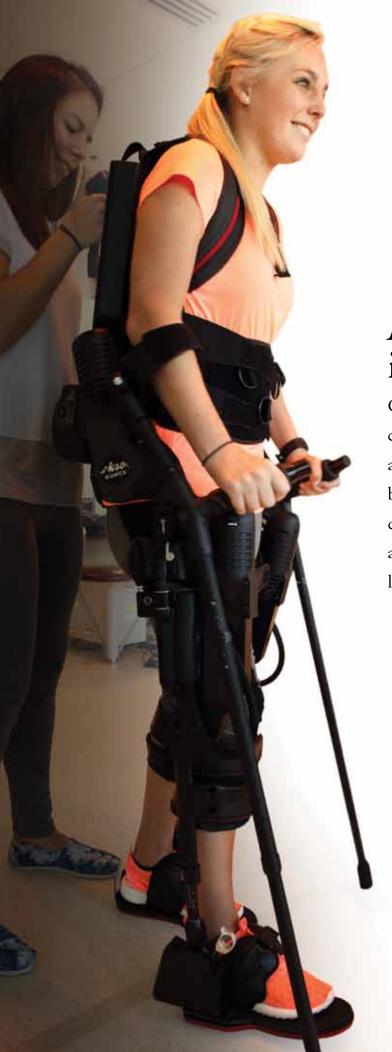
- The Current State of Knowledge on Digital Rectal Stimulation in Traumatic and Non-Traumatic Spinal Cord Injury: A Scoping Review Louise Rudden, RN(EC) NP Pediatrics Holland Bloorview Kids Rehabilitation Hospital, Toronto Ontario, Canada
- Supinator to Anterior Interosseous Nerve Transfer for Patients with Tetraplegia Scott H. Kozin, MD Shriners Hospitals for Children, Philadelphia, PA, USA
- Fibrocartilaginous Embolism: A Case of Asymmetric Presentation
 Lisa, Rodriguez, PA Texas Children's Hospital, Houston, TX, United States
- 13. A Neuropathic Treatment Approach in Pediatric Spinal Cord Injury: Optimizing Neuromotor Recovery and Participation

 Elizabeth Ardolino, PT, PhD

 University of St. Augustine for Health Sciences, Driftwood, TX, USA
- 14. Early Physiatry Involvement in Acute Complex Pediatric Spinal Cord Injury: Case Report Zainab Al Lawati, MD Texas Tech University Health Sciences Centre El Paso, El Paso, TX, USA
- 15. Continuity of Care with Standardized Activity-Based (ABT) Programs for Child Post-SCI: Infancy to 5 Years Laura, Leon Machado, PT, DPT Frazier Rehab Institute UofL Health, Louisville, KY, USA
- 16. Can We Restore Function to the Upper Limb After Acute Flaccid Myelitis? Ruth Gauden, MBBS FRACP Royal Children's Hospital, Melbourne, Victoria, Australia
- 17. Activity Based Restorative Therapies for Spinal Cord Injury with Concurrent Brain and Cranial Nerve Involvement Justine Small, MS, OTR/L International Center for Spinal Cord Injury at Kennedy
- Coordination of Education and Employment Services for Adolescents and Young Adults with Spinal Cord Injuries

Krieger Institute, Baltimore, MD, USA

Carol Haywood, PhD, OTR/L Kennedy Krieger Institute, Baltimore, MD, USA



A miracle delayed is even more miraculous.

Conventional wisdom holds that recovery from spinal cord injury ceases after two years. We're not conventional, and we never say never. Our groundbreaking activity-based restorative therapies help children and adults with chronic paralysis regain sensation, function, mobility and independence, even many years after injury. Don't lose hope, learn more. Visit SpinalCordRecovery.org.

INTERNATIONAL CENTER FOR SPINAL CORD INJURY at Kennedy Krieger Institute



Center for Outcomes and Measurement



Coaching in Context Advanced Practice Certificate

The Coaching in Context Advanced Practice Certificate is designed for inter-disciplinary professionals with a desire to use coaching as an approach within their practice.

Life Care Planning Graduate Certificate

The Life Care Planning Graduate Certificate is designed for inter-disciplinary professionals with a desire to develop and use a Life Care Plan.

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A variety of courses and training opportunities are offered on many topics.

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CenterforOutcomesMeasurement@jefferson.edu

Measures and Assessments

The Center for Outcomes and Measurement provides consultation for and training in the selection, administration, scoring and interpretation of measures.

Capabilities of the Upper Extremity Test (CUE-T):

Offering distribution and licensing of the CUE-T kits and training in administration and scoring.

Patient Reported Outcomes (PROs):

A variety of PROs are available for use directly from our website including the Pediatric Spinal Cord Injury Activity Measure Short Forms, the Pediatric Measure of Participation Short Forms and the Cerebral Palsy Profile of Health and Function

Spinal Cord Independence Measure Version III:

Guidelines developed for standardized administration and scoring of the self-care and mobility sub-scales when used as a performance measure or for the entire measure when conducted via interview





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The Foundation's funding is dedicated to supporting both programs and scientific research to improve the quality of life for those affected by and living with spinal cord injury.

To learn more about funding opportunities, visit our website at www.chnfoundation.org.





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Choose from Green, Yellow or Red to reflect your social interaction comfort level at the Steel Assembly conference.



Green – I feel comfortable with social interaction.



Yellow – I am still a little uneasy with social interaction.



Red – Please stay 6 feel away from me.

