

PEDIATRIC SPINAL CORD INJURY/DYSFUNCTION

Howard H. Steel 2021 CONFERENCE

LOEWS PORTOFINO • UNIVERSAL STUDIOS
ORLANDO, FLORIDA

DECEMBER 8-11



STEEL ASSEMBLY
PEDIATRIC SPINAL CORD INJURY & DYSFUNCTION

Pre-course Schedule

Acute Flaccid Myelitis – Getting Prepared for Next Wave

Wednesday, Dec. 8, 2021	
8:00 am – 8:10 am	Welcome <i>Cristina Sadowsky, MD</i> <i>Kenney Krieger Institute, International Center for Spinal Cord Injury, Baltimore, MD, USA</i>
8:10 am – 9:10 am	Etiology/Pathophysiology <i>Sarah Kidd, MD, MPH</i> <i>Center for Disease Control and Prevention, Atlanta, GA, USA</i> <i>Kevin Messacar MD</i> <i>Children’s Hospital of Colorado, Aurora, CO, USA</i> <i>Jannel Routh, MD, MHS</i> <i>Center for Disease Control and Prevention, Atlanta, GA, USA</i>
9:10 am – 9:20 am	Break
9:20 am – 10:20 am	Acute Neuro <i>Leslie Benson, MD</i> <i>Boston Children’s Hospital, Boston, MA, USA</i> <i>Benjamin Greenberg, MD, MHS</i> <i>University of Texas Southwestern Medical Center, Dallas, TX, USA</i> <i>Sarah Hopkins, MD, MSPH</i> <i>Children’s Hospital of Philadelphia, Section Head, Multiple Sclerosis and Neuroinflammatory Disorders, Philadelphia, PA, USA</i> <i>Carlos Pardo-Villamizar, MD</i> <i>Johns Hopkins Hospital, Baltimore, MD, USA</i> <i>Ann Yeh, MA, MD</i> <i>The Hospital for Sick Children, Ontario, Canada</i>
10:20 am – 10:30 am	Break
10:30 am – 11:30 am	Acute Rehab <i>Joyce Oleszeck, MD</i> <i>Children’s Hospital of Colorado, Aurora, CO, USA</i> <i>Amy Bayliss, MS, OTR</i> <i>Johns Hopkins Hospital, Baltimore, MD, USA</i> <i>Meghan Moore, PT, DPT</i> <i>Johns Hopkins Hospital, Baltimore, MD, USA</i> <i>Cristina Sadowsky, MD</i> <i>Kenney Krieger Institute, International Center for Spinal Cord Injury, Baltimore, MD, USA</i>
11:30 am – 11:40 am	Break
11:40 am – 12:40 pm	Chronic Neuro/Medical <i>Carlos Pardo, MD</i> <i>Johns Hopkins Hospital, Baltimore, MD, USA</i> <i>Janet Dean, MS, RN, CRRN, CRNP</i> <i>Kennedy Krieger Institute, International Center for Spinal Cord Injury, Baltimore, MD, USA</i>

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PEDIATRIC SPINAL CORD INJURY/DYSFUNCTION



STEEL ASSEMBLY
PEDIATRIC SPINAL CORD INJURY & DYSFUNCTION

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

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Program Schedule

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	Welcome and Opening Remarks Exhibitor / Partner Recognition	<i>MJ Mulcahey, PhD, OTRL</i>
8:30 – 10:20 am	Musculoskeletal and Neurosurgical Management	<i>Randal R. Betz, MD, Moderator</i>
	Pediatric Cervical Injuries in Patients Under 10yrs With and Without Neurological Sequela <i>Johnathan Phillips, MD</i> <i>Orlando Health, Orlando, FL USA</i>	
	Management of Acute Concomitant Brain and Spinal Cord Injury in Children <i>Amer Samdani, MD</i> <i>Shriners Hospitals for Children, Philadelphia, PA, USA</i>	
	Management of Fractures During Acute SCI and Fragility Fractures During Chronic SCI <i>Johnathan Phillips, MD</i> <i>Orlando Health, Orlando, FL USA</i>	
	Orthopedic and Pharmacological Management of Spasticity <i>Wade Shrader, MD</i> <i>Nemours Children’s Health System, Wilmington, DE, USA</i>	
	Management of Chronic Neurosurgical Issues in Pediatric SCI <i>Amer Samdani, MD</i> <i>Shriners Hospitals for Children, Philadelphia, PA, USA</i>	
	Neuromuscular Scoliosis: Incidence, Management and Outcomes <i>Randal R. Betz, MD</i> <i>Institute for Spine and Scoliosis, Princeton NJ, USA</i>	
	Case Presentations with Panel Discussion <i>Randal R. Betz, Moderator</i> Panel: <i>J. Phillips, A. Samdani, W. Shrader, Elliot Pressman</i>	
	Severe Spasticity	
	Neuromuscular Scoliosis	
Acute Brain and SCI with Pelvic and Long Bone Fractures		
Pedicle Fixation		

Continued

Thursday, Dec. 9, 2021		<i>Continued</i>
10:20 am – 10:50 am	Posters Session / Break with Exhibitors & Partners	
10:50 am – 11:50 am	Clinical Data Sets and Outcomes Assessments <i>Jacob Kean, PhD, Moderator</i>	
	Development of the International Spinal Cord Injury Basic Data Set for Caregivers <i>Rebecca Martin, OTD, OTR/L</i> <i>International Center for Spinal Cord Injury, Kennedy Krieger Institute, Baltimore, MD, USA</i>	
	Field-Testing the International Spinal Cord Injury Bowel Basic Data Set V. 2.0 in Pediatric Practices <i>Lawrence C Vogel MD</i> <i>Shriners Hospitals for Children, Chicago, USA</i>	
	Standardized Administration and Scoring Guidelines for the Spinal Cord Independence Measure Version 3.0 (SCIM-III) <i>Rachel Y Kim OTD, OTR/L</i> <i>Thomas Jefferson University, Philadelphia, PA, USA</i>	
	PedsQL™ Spinal Cord Injury Module: Reliability and Validity <i>Kathy Zebracki PhD</i> <i>Shriners Hospitals for Children, Chicago, IL, USA</i>	
	The Pediatric Measure of Participation (PMoP) Short Forms Version 2.0 <i>MJ Mulcahey PhD, OTR/L</i> <i>Thomas Jefferson University, Philadelphia, PA, USA</i>	
	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 <i>Christina Calhoun Thielen, MSPT</i> <i>Thomas Jefferson University, Philadelphia, PA, USA</i>	
11:50 am – 1:00 pm	Lunch	
1:00 pm – 2:00 pm	Topics in Pediatric Rehabilitation <i>Dana Johnson, DPT, Moderator</i>	
	Energy Expenditure in Children with Spinal Cord Injuries: A Systematic Review <i>Samford Wong PhD, RD</i> <i>Stoke Mandeville Hospital, Aylesbury, United Kingdom</i>	
	Return to School Following Catastrophic Injuries <i>Terry Beck, RN, BSN, MEd, CRRN</i> <i>Einstein Hospital, Philadelphia, PA, USA</i>	

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Program Schedule

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

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Friday, Dec. 10, 2021

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

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Program Schedule

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

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Friday, Dec. 10, 2021

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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 Injury 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

Priorities and Lived Experiences of Persons with SCI

Kathy Zebracki, Moderator

Paediatric Health and Life Priorities of Individuals with Spinal Cord Injury in Spain

*Julian Taylor
Hospital Nacional de Paraplégicos, 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*

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Program Schedule

Friday, Dec. 10, 2021		<i>Continued</i>
	Panel Discussion <i>Elin Salmiranta, Jeff Beeson</i> <i>Kathy Zebracki, Moderator</i>	
3:10 pm – 3:20 pm	Break	
3:20 pm – 4:50 pm	CONCURRENT SHORT COURSES Adaptive Gaming: It’s a Win-Win (60 minutes) <i>Katie Kimball, MS-OT, OTRIL, RYT-200;</i> <i>Brian Tanner, PT, DPT, NCS;</i> <i>Shanna Thorpe, CRTS</i> <i>Shepherd Center, Atlanta, GA, USA</i>	Infusing Coaching in Your Practice to Optimize Outcomes (90 minute Interactive Workshop) <i>Marie-Christine Potvin, PhD, OTRIL;</i> <i>Rachel Y. Kim, OTD, OTRIL;</i> <i>Nicole Gerhardt, MS, OTRIL, CBIS</i> <i>Thomas Jefferson University, Philadelphia, PA USA</i>
5:00 pm – 6:30 pm	Partners and Exhibitor Reception with Poster Viewing	
Saturday, Dec. 11, 2021		
7:30 am – 8:30 am	Registration and Continental Breakfast	
8:30 am – 9:10 am	Keynote: Therapeutic Approaches to Duchenne Muscular Dystrophy Craig McDonald, MD <i>Professor and Chair PMR</i> <i>Professor of Pediatrics</i> <i>University of California Davis Health, Sacramento, CA, USA</i> <i>Eimear Smith, MD, Moderator</i>	
9:10 am – 9:20 am	Break	

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Saturday, Dec. 11, 2021

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9:20 am – 10:20 am

CONCURRENT SESSIONS

Diagnostics and Medical Management

Marika Augutis, PhD, OTRL, Moderator

Development of an Evidence-based 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

Aquatic Therapy for Ventilator-Dependent Children with Spinal Cord Injury

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

10:20 am – 10:30 am

Break

Continued

Program Schedule

Saturday, Dec. 11, 2021		<i>Continued</i>
10:30 am – 11:30 am	<p>CONCURRENT SESSIONS</p> <p>Neuromodulation and Neuroplasticity Claudia Angeli, PhD, <i>Moderator</i></p> <p>Goutam Singh, PhD, PT Claudia Angeli, PhD, Kathryn Lucas, PhD, DPT University of Louisville, Louisville, KY, USA</p> <p>Anastasia Keller, PhD University of California, San Francisco, CA, USA</p> <p>Rebecca Martin, OTD International Center for Spinal Cord Injury, Kennedy Krieger Institute Baltimore, MD, USA</p> <p>MacKenzie Goode-Roberts, PT, DPT UofL Health at Frazier Rehab, Louisville, KY, USA</p>	<p>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</p>
11:30 am – 11:40 am	Break	
11:40 am – 12:25 pm	<p>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, Moderator</p>	
12:25 pm	<p>Closing Remarks MJ Mulcahey, PhD, OTRL</p>	

Steel Assembly 2021 Posters



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1. Implementation of a Formal Education Program for Caregivers and Youth with SCI/D
Elizabeth Ardolino PT, PhD
University of St. Augustine for Health Sciences, Driftwood, TX, USA
2. 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
3. Coaching in Context: Implications for Practice & Parent Perspectives
Rachel Kim, OTD, OTR/L
Thomas Jefferson University, Philadelphia, PA, USA
4. Atlas-based Quantification of DTI Measures in the Typically Developing Spinal Cord
Laura Krisa, PhD
Thomas Jefferson University, Philadelphia, PA, USA
5. 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
6. 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
10. 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
11. Supinator to Anterior Interosseous Nerve Transfer for Patients with Tetraplegia
Scott H. Kozin, MD
Shriners Hospitals for Children, Philadelphia, PA, USA
12. 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 Krieger Institute, Baltimore, MD, USA

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