

Howard H. Steel Conference Pre-Course:
Spinal Cord Regeneration: Injury Modulation, Repair Strategies and Clinical Trials
Walt Disney World Resort, Lake Buena Vista, Florida
December 2, 2009

TUESDAY, DECEMBER 1, 2009

3:00 PM - 5:00 PM Onsite Course Registration and Badge Pick-Up

WEDNESDAY, DECEMBER 2, 2009 *(Separate Registration Required)*

PRE-COURSE: Spinal Cord Regeneration: Injury Modulation, Repair Strategies and Clinical Trials

7:00 AM - 8:00 AM Continental Breakfast and Registration

8:00 AM - 8:05 AM Introduction and Objectives

Chairs: *Randal Betz, MD USA; Amer Samdani, MD USA; David Pleasure, MD, PhD USA;*
Michael Selzer, MD, PhD, FRCP USA

8:05 AM - 10:00 AM Session #1: Preclinical Studies

Moderator: *W. Dalton Dietrich, PhD USA*

Animal Model

8:05 AM - 8:15 AM (10) A New Model of Pediatric Spinal Cord Injury in Infant Piglets: *Amer Samdani, MD USA*
Functional Outcome, MR Imaging, and Histopathology

8:15 AM - 8:30 AM (15) Update on Baboon Studies *James Guest, MD USA*

8:30 AM - 8:35 AM (5) Discussion

8:35 AM - 8:45 AM (10) Behavioral Animal Outcome Measures *Marion Murray, PhD USA*

8:45 AM - 8:50 AM (5) Discussion

Neuroprotection

8:50 AM - 9:10 AM (20) Hypothermia 2009: Preclinical and Clinical Update *W. Dalton Dietrich, PhD USA*

9:10 AM - 9:20 AM (10) Transplantation of Human Marrow Stromal Cells and Mono Nuclear *Amer Samdani, MD USA*
Bone Marrow Cells into the Injured Spinal Cord: A Comparative Study

9:20 AM - 9:30 AM (10) Wnt Signaling in Olfactory Development and Regeneration in SCI *Chengji Zhou, PhD USA*

9:30 AM - 9:35 AM (5) Discussion

9:35 AM - 9:45 AM (10) Dependence Receptors and Retrograde Neuronal Death after SCI *Michael Shifman, PhD USA*

9:45 AM - 9:55 AM (10) Magnesium Neuroprotection in Acute SCI: Preclinical Refinement and *Brian Kwon, MD CANADA*
Optimization

9:55 AM - 10:00 AM (5) Discussion

10:00 AM - 10:30 AM Break

10:30 AM - 11:40 AM Session #2: Regeneration Strategies

Moderator: *David Pleasure, MD, PhD USA*

10:30 AM - 10:40 AM (10) Strategies for Remyelination *Douglas Kerr, MD, PhD USA*

10:40 AM - 10:50 AM (10) Grafting Neural Stem Cells to Reconnect the Injured Spinal Cord *Itzhak Fischer, PhD USA*

10:50 AM - 10:55 AM (5) Discussion

10:55 AM - 11:05 AM (10) Bone Marrow Stromal Cells: Benefits and Shortfalls for the Treatment *Birgit Neuhuber, PhD USA*
of Spinal Cord Injury

11:05 AM - 11:10 AM (5) Discussion

11:10 AM - 11:25 AM (15) The Inflamed Spinal Cord *David Pleasure, MD, PhD USA*

11:25 AM - 11:35 AM (10) Cyclic AMP Accelerates Axon Regeneration in the Absence of Growth *Michael Selzer, MD, PhD, FRCP*
Cones. Why this is Important for Development of Clinical Interventions *USA*

11:35 AM - 11:40 AM (5) Discussion

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WEDNESDAY, DECEMBER 2, 2009 *(Separate Registration Required)*

11:40 AM - 12:30 PM	Lunch	
12:30 PM - 2:00 PM	Session #3: Measuring Primary Endpoints in SCI Clinical Trials	
	Moderator: <i>Michael Selzer, MD, PhD, FRCP USA</i>	
12:30 PM - 12:40 PM (10)	Cerebrospinal Fluid Biomarkers of Spinal Cord Injury	<i>Brian Kwon, MD CANADA</i>
12:40 PM - 1:00 PM (20)	International Standards for Neurological Classification of SCI Motor, Sensory and Anorectal Examinations: Utility When Applied to Children and Youth	<i>M.J. Mulcahey, PhD, OTR/L USA</i>
1:00 PM - 1:10 PM (10)	Quality of Life After Pediatric Spinal Cord Injury	<i>Erin Kelly, PhD USA</i>
1:10 PM - 1:20 PM (10)	Discussion	
1:20 PM - 1:30 PM (10)	Demonstration of Diffusion Tensor Imaging (DTI) in Children With and Without SCI: Does it Have Potential to Augment the Clinical Examination?	<i>Amer Samdani, MD USA</i>
1:30 PM - 1:40 PM (10)	Adult Measures of Functional Recovery and their Application with Children and Youth	<i>Mary Schmidt-Read, PT, DPT, MS USA</i>
1:40 PM - 1:50 PM (10)	Overview of the International SCI Data Sets for Use in Clinical Trials	<i>Susan Charlifue, PhD USA</i>
1:50 PM - 2:00 PM (10)	Discussion	
2:00 PM - 2:10 PM	Break	
2:10 PM - 4:20 PM	Session #4: Clinical Translation and Trials	
	Moderator: <i>Randal Betz, MD USA</i>	
2:10 PM - 2:30 PM (20)	Work in China	<i>Wise Young, MD USA</i>
2:30 PM - 2:50 PM (20)	Miami Project Update	<i>W. Dalton Dietrich, PhD USA</i>
2:50 PM - 3:00 PM (10)	Discussion	
3:00 PM - 3:20 PM (20)	Summary of ICCP Guidelines	<i>Brian Kwon, MD CANADA</i>
3:20 PM - 3:40 PM (20)	Neural Rehabilitation Strategies After SCI	<i>Michael Selzer, MD, PhD, FRCP USA</i>
3:40 PM - 3:50 PM (10)	Discussion	
3:50 PM - 4:20 PM (30)	Panel Discussion: Clinical Trials Moderator: <i>Amer Samdani, MD USA</i>	Panelists: <i>Randal Betz, MD USA</i> <i>W. Dalton Dietrich, PhD USA</i> <i>Douglas Kerr, MD, PhD USA</i> <i>Brian Kwon, MD CANADA</i> <i>David Pleasure, MD, PhD USA</i> <i>Wise Young, MD USA</i>
4:20 PM	Adjourn	
6:00 PM - 7:00 PM	Welcome Reception Course Registration and Badge Pick-Up	
7:00 PM	Dinner (on your own)	

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

Walt Disney World Resort, Lake Buena Vista, Florida

December 3-5, 2009

WEDNESDAY, DECEMBER 2, 2009

6:00 PM - 7:00 PM **Welcome Reception**
Course Registration and Badge Pick-Up

7:00 PM **Dinner (on your own)**

THURSDAY, DECEMBER 3, 2009

7:00 AM - 8:00 AM **Continental Breakfast, Registration, Poster & Exhibit Viewing**

8:00 AM - 8:05 AM **Welcome and Introductions**
Chairs: *Randal Betz, MD USA*
M.J. Mulcahey, PhD, OTR/L USA
Lawrence Vogel, MD USA
Craig McDonald, MD USA

8:05 AM - 9:44 AM **Session #1: Clinical Symposium: Upright Mobility**
Moderator: *Mary Schmidt-Read, PT, DPT, MS USA*

8:05 AM - 8:35 AM (30) Upright Mobility for Children with SCI: Biomechanics and Application *JoAnne Kanas, PT, CPO, DPT USA*

8:35 AM - 8:50 AM (15) Discussion

8:50 AM - 8:57 AM (7) **Abstract #101:** Predicting Planned and Unplanned Upright Mobility in Children with a Spinal Cord Injury *Ross Chafetz, PT, DPT, MPH USA*

8:57 AM - 9:04 AM (7) **Abstract #102:** Case Experience in an Adolescent with Incomplete SCI using the Stance Control Orthosis *Dave Hutchinson, PT, MS, ECS USA*

9:04 AM - 9:14 AM (10) Discussion

9:14 AM - 9:34 AM (20) Locomotor Training: Principles and Application Using Body Weight Support and Treadmill *Andrea Behrman, PT, PhD, FAPTA USA*

9:34 AM - 9:44 AM (10) Discussion

9:44 AM - 10:00 AM **Break: Poster & Exhibit Viewing**

10:00 AM - 11:24 AM **Session #2: Clinical Symposium: Neurogenic Bladder and Bowel**
Moderator: *Teresa Beck, RN BSN MsEd USA*

10:00 AM - 10:20 AM (20) Anatomy and Physiology of the Neurogenic Bladder and Bowel: Basic Principles from a Rehabilitation Perspective *Stephanie Ried, MD USA*

10:20 AM - 10:30 AM (10) Discussion

10:30 AM - 10:50 AM (20) **Abstract #201:** Clinical Practice Guidelines for Bladder Management in Pediatric Spinal Cord Injury *Lisa Merenda, RN, MSN, CCRC, CRRN USA*

10:50 AM - 11:00 AM (10) Discussion

11:00 AM - 11:07 AM (7) **Abstract #202:** Treatment Options for Bowel and Bladder Dysfunction in Children with Myelodysplasia *Judy Costello, RN CANADA*

11:07 AM - 11:14 AM (7) **Abstract #203:** Teaching Staff to Manage Neurogenic Bowel *Tamera Corsaro, BSN USA*

11:14 AM - 11:24 AM (10) Discussion

11:24 AM - 12:00 PM **Poster & Exhibit Viewing**

12:00 PM - 1:00 PM **Lunch**

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

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December 3-5, 2009

THURSDAY, DECEMBER 3, 2009

1:00 PM - 2:09 PM	Session #3: Rehabilitation and Outcomes	
	Moderator: <i>Sara J. Klaas, MSW, C-ASWCM USA</i>	
1:00 PM - 1:07 PM (7)	Abstract #301: Psychological Support in Rehabilitation: Children's Spinal Cord Injury (SCI) Groups at the Midlands Centre for Spinal Injuries (MCSI)	<i>Christine Mary Goodwin-Wilson, M.Sc Clinical Psychology UNITED KINGDOM</i>
1:07 PM - 1:14 PM (7)	Abstract #302: Promoting Development, Rehabilitation and Integration in the Community: The Australian Perspective	<i>Isabel Baker, BAppSci(Phty) Hons PGCertPhysio(Paed) AUSTRALIA</i>
1:14 PM - 1:19 PM (5)	Discussion	
1:19 PM - 1:26 PM (7)	Abstract #303: Building Independence: Development and Implementation of a Standardized and Individualized Rehabilitation Treatment Guide for the SCI Patient	<i>Amanda Koppes, MPT USA</i>
1:26 PM - 1:33 PM (7)	Abstract #304: Independent Home Access and Outcomes of Youth with Spinal Cord Injury	<i>Erin Kelly, PhD USA</i>
1:33 PM - 1:38 PM (5)	Discussion	
1:38 PM - 1:45 PM (7)	Abstract #305: Recreational Cycling for the Child with a Spinal Cord Injury using Functional Electrical Stimulation	<i>Calum McRae, PhD USA</i>
1:45 PM - 1:52 PM (7)	Abstract #306: The Effect of Spinal Cord Injury on Reachable Workspace in Children	<i>Mitell Sison-Williamson, MS USA</i>
1:52 PM - 1:59 PM (7)	Abstract #307: Self-Report of Appearance, Function and Pain in Children with Spinal Cord Injury Who Have Used a Thoracic-Lumbar-Sacral Orthosis	<i>Mitell Sison-Williamson, MS USA</i>
1:59 PM - 2:09 PM (10)	Discussion	
2:09 PM - 2:30 PM	Break: Poster & Exhibit Viewing	
2:30 PM - 4:30 PM	Session #4: Concurrent Instructional Courses	
2:30 PM - 4:30 PM (120)	ICL #401: Management of Spasticity	<i>Stephanie Ried, MD USA</i>
2:30 PM - 4:30 PM (120)	ICL #402: Evaluation and Intervention for Social Barriers to Participating after SCI in Childhood	<i>Sara J. Klaas, MSW, C-ASWCM USA</i>
4:30 PM	Adjourn	

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

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December 3-5, 2009

FRIDAY, DECEMBER 4, 2009

7:00 AM - 7:30 AM	Continental Breakfast, Registration, Poster & Exhibit Viewing	
7:25 AM - 7:30 AM	Welcome and Introductions Chair: <i>Randal Betz, MD USA</i>	
7:30 AM - 10:00 AM	Session #5: Combined Session with IPOS: Spinal Cord Injury and Dysfunction, Including Spina Bifida Moderator: <i>Randal Betz, MD USA</i>	
7:30 AM - 7:42 AM (12)	Patient Selection: Surgery for Chiari, Syrinx, Tethered Cord	<i>Amer Samdani, MD USA</i>
7:42 AM - 7:54 AM (12)	New Thoughts on Managing Neuromuscular Scoliosis	<i>Randal Betz, MD USA</i>
7:54 AM - 8:01 AM (7)	Discussion	
8:01 AM - 8:13 AM (12)	Hip Subluxation/Dislocation in Children with SCI and Spina Bifida	<i>James McCarthy, MD USA</i>
8:13 AM - 8:16 AM (3)	Discussion	
8:16 AM - 8:30 AM (14)	Reconstruction of the Upper Extremities in the Child with SCI or Neuromuscular Sequelae	<i>M.J. Mulcahey, PhD, OTR/L USA</i>
8:30 AM - 8:33 AM (3)	Discussion	
8:33 AM - 8:47 AM (14)	Non-Traumatic Myelopathies	<i>Douglas Kerr, MD, PhD USA</i>
8:47 AM - 8:50 AM (3)	Discussion	
8:50 AM - 9:25 AM (35)	Case Based Discussion: Spine Issues Moderator: <i>Peter Newton, MD USA</i>	Panelists: <i>Randal Betz, MD USA</i> <i>Amer Samdani, MD USA</i> <i>Peter Sturm, MD USA</i> <i>Paul Sponseller, MD USA</i>
9:25 AM - 10:00 AM (35)	Case Based Discussion: Orthopaedic Issues Other than Spine Moderator: <i>James McCarthy, MD USA</i>	Panelists: <i>Peter Sturm, MD USA</i> <i>Lori Karol, MD USA</i> <i>Perry Schoenecker, MD USA</i> <i>Ben Alman, MD USA</i>
10:00 AM - 10:30 AM	Break: Poster & Exhibit Viewing	
10:30 AM - 11:30 AM	Session #6: Keynote Lectures Moderator: <i>Lawrence Vogel, MD USA</i>	
10:30 AM - 10:50 AM (20)	The Newton C. McCollough Lecture: Environment and Participation Among Adults with SCI: How Does Adult Research Inform Pediatric Practice?	<i>Gale Whiteneck, PhD USA</i>
10:50 AM - 11:00 AM (10)	Discussion	
11:00 AM - 11:20 AM (20)	Participation Among Children and Youth with SCI: Anticipatory Guidance and Implication for Adulthood	<i>Caroline Anderson, PhD USA</i>
11:20 AM - 11:30 AM (10)	Discussion	
11:30 AM - 12:15 PM	Lunch	

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

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December 3-5, 2009

FRIDAY, DECEMBER 4, 2009

12:15 PM CONCURRENT SESSIONS # 7A AND #7B

- 12:15 PM - 1:31 PM** **Session #7A: Free Papers: Psychological Outcomes** (General Session Salon 4-5)
Moderator: *Gale Whiteneck, PhD USA*
- 12:15 PM - 12:22 PM (7) **Abstract #701:** "How Am I Doing?" Coping and Psychological Outcomes in Youth with Spinal Cord Injury *Heather Russell, PhD USA*
- 12:22 PM - 12:29 PM (7) **Abstract #702:** Categories of Coping as Recalled by Persons Who Sustained a Spinal Cord Injury During Adolescence - A Qualitative Study *Marika Augutis, PT/PhD SWEDEN*
- 12:29 PM - 12:36 PM (7) **Abstract #703:** Caregiver Coping in Pediatric Spinal Cord Injury *Kimberly Dasch, PhD USA*
- 12:36 PM - 12:43 PM (7) **Abstract #704:** Social and Job-Related Participation and Psychosocial Outcomes of Girls with Spinal Cord Injury *Julie Gorzkowski, MSW USA*
- 12:43 PM - 12:53 PM (10) Discussion
- 12:53 PM - 1:00 PM (7) **Abstract #705:** Participation and Quality of Life among Youth with Spinal Cord Injury *Erin Kelly, PhD USA*
- 1:00 PM - 1:07 PM (7) **Abstract #706:** Gender and Ethnicity Issues in Pediatric Spinal Cord Injury *Sara J. Klaas, MSW, C-ASWCM USA*
- 1:07 PM - 1:14 PM (7) **Abstract #707:** Comparison Between Child Reported and Parent-Reported Outcomes of Participation Following SCI *M.J. Mulcahey, PhD, OTR/L USA*
- 1:14 PM - 1:21 PM (7) **Abstract #708:** Religiosity and Life Satisfaction in Adults with Pediatric-Onset SCI *Lawrence Vogel, MD USA*
- 1:21 PM - 1:31 PM (10) Discussion
- 1:31 PM - 1:45 PM Break: Poster & Exhibit Viewing
- 12:15 PM - 1:27 PM** **Session #7B: Medical and Orthopaedic Considerations** (Salon 6)
Moderator: *Craig McDonald, MD USA*
- 12:15 PM - 12:22 PM (7) **Abstract #710:** Eating Disorder Prevalence in Individuals with Spinal Cord Injury *Pamela Patt, RD, CSP, LD, CNSD USA*
- 12:22 PM - 12:29 PM (7) **Abstract #711:** Evaluation of Body Mass Index to Trunk Fat and Metabolic Risk Factors in Youth with Spinal Cord Injury *Pamela Patt, RD, CSP, LD, CNSD USA*
- 12:29 PM - 12:39 PM (10) Discussion
- 12:39 PM - 12:46 PM (7) **Abstract #712:** Orthopaedic Considerations of Spinal Cord Injury *Randal Betz, MD USA*
- 12:46 PM - 12:53 PM (7) **Abstract #713:** Treatment Options for Pediatric Occipito Cervical Trauma *Robert Melcher, MD GERMANY*
- 12:53 PM - 1:03 PM (10) Discussion
- 1:03 PM - 1:10 PM (7) **Abstract #714:** Objective Measurement of Thoracic-Lumbar-Sacral Orthosis Wearing Compliance in Children with Spinal Cord Injury in the Community *Mitell Sison-Williamson, MS USA*
- 1:10 PM - 1:17 PM (7) **Abstract #715:** The Current Status of Diaphragm Pacing in Replacing, Delaying and Decreasing Mechanical Ventilators to its New Role and Possibilities in Pediatric Applications *Raymond Onders, MD USA*
- 1:17 PM - 1:27 PM (10) Discussion
- 1:27 PM - 1:45 PM Break: Poster & Exhibit Viewing

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

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December 3-5, 2009

FRIDAY, DECEMBER 4, 2009

1:45 PM - 2:25 PM	Session #8: Case Presentations and Panel Discussion Moderator: <i>Randal Betz, MD USA</i>	Panelists: <i>Andrea Behrman, PT, PhD, FAPTA USA</i> <i>Dave Hutchinson, PT, MS, ECS USA</i> <i>Craig McDonald, MD USA</i> <i>Stephanie Ried, MD USA</i> <i>Amer Samdani, MD USA</i>
1:45 PM - 1:50 PM (5)	Abstract #801: Functional Recovery in a Young Child with Transverse Myelitis	<i>Kristin Cameron, OTR/L, OTD USA</i>
1:50 PM - 1:53 PM (3)	Panel Discussion	
1:53 PM - 1:58 PM (5)	Abstract #802: Recovery Continues Two Years after Locomotor Training in a Child with Incomplete Cervical Spinal Cord Injury	<i>Emily Fox, PT, MHS, DPT USA</i>
1:58 PM - 2:01 PM (3)	Panel Discussion	
2:01 PM - 2:06 PM (5)	Abstract #803: Successful Power Mobility Training in 3 Year Old Female with C1-C2 Complete SCI	<i>Lauren Weiss, DPT USA</i>
2:06 PM - 2:09 PM (3)	Panel Discussion	
2:09 PM - 2:14 PM (5)	Abstract #804: Acute Pediatric Spinal Cord Injury Secondary to Fibrocartilagenous Embolization	<i>Nigel Price, MD USA</i>
2:14 PM - 2:17 PM (3)	Panel Discussion	
2:17 PM - 2:22 PM (5)	Abstract #805: Congenital Thoracic Spinal Cord Atrophy in a 19 Months Old Twin Girl: A Case Report	<i>Ann Pedersen, MD USA</i>
2:22 PM - 2:25 PM (3)	Panel Discussion	
2:25 PM - 3:15 PM	Session #9: Neuro Recovery Network Moderator: <i>Michael Selzer, MD, PhD, FRCP USA</i>	
2:25 PM - 2:40 PM (15)	The Neuro Recovery Network: Infrastructure	<i>Mary Schmidt-Read, PT, DPT, MS USA</i>
2:40 PM - 2:50 PM (10)	Discussion	
2:50 PM - 3:05 PM (15)	The Neuro Recovery Network: Pediatric Work	<i>Andrea Behrman, PT, PhD, FAPTA USA</i>
3:05 PM - 3:15 PM (10)	Discussion	
3:15 PM - 3:45 PM	Session #10: History Moderator: <i>Heather Russell, PhD USA</i>	
3:15 PM - 3:35 PM (20)	A Look Back at the Howard H. Steel Symposiums: Where Have We Come and What Have We Learned About Pediatric SCI?	<i>Lawrence Vogel, MD USA</i>
3:35 PM - 3:45 PM (10)	Discussion	
3:45 PM	Adjourn	

Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction

Walt Disney World Resort, Lake Buena Vista, Florida

December 3-5, 2009

SATURDAY, DECEMBER 5, 2009

7:00 AM - 8:00 AM	Continental Breakfast, Registration, Poster & Exhibit Viewing	
8:00 AM - 8:05 AM	Welcome Chair: <i>Randal Betz, MD USA</i>	
8:05 AM - 9:25 AM	Session #11: Clinical Monitoring and Patient Reported Outcomes Moderator: <i>Gale Whiteneck, PhD USA</i>	
8:05 AM - 8:25 AM (20)	Overview of the International SCI Data Sets for Use in Clinical Monitoring	<i>Susan Charlifue, PhD USA</i>
8:25 AM - 8:35 AM (10)	Discussion	
8:35 AM - 8:50 AM (15)	Abstract #1101: Practice-Based Evidence Research Methodology – Potential Application in Pediatric Settings	<i>Julie Gassaway, MS, RN USA</i>
8:50 AM - 9:00 AM (10)	Discussion	
9:00 AM - 9:15 AM (15)	Computer Adaptive Testing Platforms: 21st Century Measurement Technology	<i>Stephen Haley, PhD, PT USA</i>
9:15 AM - 9:25 AM (10)	Discussion	
9:25 AM - 10:27 AM	Session #12: Measurement in Pediatric SCI Moderator: <i>Susan Charlifue, PhD USA</i>	
9:25 AM - 9:32 AM (7)	Abstract #1201: The Child Needs Assessment Checklist and Goal Planning in Rehabilitation Practice	<i>Allison Graham, MBChB UNITED KINGDOM</i>
9:32 AM - 9:39 AM (7)	Abstract #1202: Experience with the ISNCSCI with Children and Adolescents	<i>M.J. Mulcahey, PhD, OTR/L USA</i>
9:39 AM - 9:46 AM (7)	Abstract #1203: Reliability Testing of the Shriners Pediatric Instrument for Neuromuscular Scoliosis (SPINS): A Quality of Life Questionnaire for Children with Spinal Cord Injury	<i>Louis Hunter, PT, MS USA</i>
9:46 AM - 9:53 AM (7)	Abstract #1204: Use of the Measured Processes of Care to Enhance Service Quality and Professional Development in Paediatric SCI	<i>Allison Graham, MBChB UNITED KINGDOM</i>
9:53 AM - 10:03 AM (10)	Discussion	
10:03 AM - 10:10 AM (7)	Abstract #1205: Evaluation of Item Bank to Evaluate Activity Performance in Children and Youth with Spinal Cord Injury	<i>Stephen Haley, PhD, PT USA</i>
10:10 AM - 10:17 AM (7)	Abstract #1206: Evaluation of Item Bank to Evaluate Participation in Children and Youth with Spinal Cord Injury	<i>Christina Calhoun, PT, MS USA</i>
10:17 AM - 10:27 AM (10)	Discussion	
10:27 AM - 10:45 AM	Break: Poster & Exhibit Viewing	
10:45 AM - 11:47 AM	Session #13: Free Papers: Research and Clinical Outcomes of Pediatric SCI Moderator: <i>Amer Samdani, MD USA</i>	
10:45 AM - 10:52 AM (7)	Abstract #1301: Spinal Cord Injuries in Young Children: Injury-Related Factors, Demographics, and Secondary Complications of Children Injured at Five Years of Age and Younger	<i>Jennifer Schottler, MPT USA</i>
10:52 AM - 10:59 AM (7)	Abstract #1302: Life Expectancy for Individuals with Pediatric-Onset Spinal Cord Injuries	<i>Lawrence Vogel, MD USA</i>
10:59 AM - 11:06 AM (7)	Abstract #1303: Description of Sensory Preservation in Children and Adolescents with Incomplete Spinal Cord Injury	<i>Randal Betz, MD USA</i>
11:06 AM - 11:16 AM (10)	Discussion	

