

SCIRehab Presentations at National and State Conferences

Presented

October 2007. Model Systems Leadership Forum (Vancouver). Sally Taylor and Teresa Foy

June 2008. ASIA (San Diego).

Innovative Practice-based Evidence Methodology Helps to Develop Comprehensive Therapy Taxonomies (1.5-hour course)

Gale Whiteneck, Pam Ballard, Julie Gassaway, Becky Ozelie, Jackie LaBarbera, Debbie Backus

August 2008. Congress of Spinal Cord Medicine and Rehabilitation (Orlando).

Standardizing PT and OT Intervention Documentation Across Sites: Can It Be Done?

Liron Bensimon, Teresa Foy

Supplemental Nursing Intervention Documentation in a Multi-Site Study Describes SCI Rehabilitation Details. Kelly Johnson

Intervention Documentation in a Multi-Site Study Describes Spinal Cord Injury Rehabilitation Details

Bill Scelza

September 2008. International Spinal Cord Society (ISCoS) 47th Annual Scientific Meeting, (Durban, South Africa)

A Multi-Disciplinary System Of Documenting The Details Of The Spinal Cord Injury Rehabilitation Process. Susie Charlifue for Gale Whiteneck

September 26-27, 2008. Illinois Physical Therapy Association Fall Conference (Naperville, IL).

SCI REHAB: Developing Intervention Documentation to Describe Spinal Cord Injury Physical Therapy Interventions. Sally Taylor

September 29-October 3, 2008. ATRA Annual Conference. (Reno, NV).

Discovering the Best TR Interventions for Positive Outcomes in Physical Rehabilitation through Practice-Based Evidence. Joan Joyce, Claire Cahow

October 2008. ACRM (Toronto).

A SCI Rehabilitation Interventions Taxonomy as the Basis for a Practice-Based Evidence Study: Development and Preliminary Findings (1.5-hour multi-discipline symposium)

Marcel Dijkers, Gale Whiteneck, Toby Houston, Becky Ozelie, Jackie LaBarbera, Claire Cahow

October 2008. APHA (San Diego)

A System for Documenting the Rehabilitation Process. Gale Whiteneck

November 2008. National SCI Meeting (Toronto).

Innovative Intervention Documentation in a Multi-site Study Describes SCI Rehabilitation Details

Gale Whiteneck

April 2009. AOTA Annual Conference & Expo (Houston)

Spinal Cord Injury Rehabilitation: Improving Occupational Therapy Outcomes Through Practice-Based Evidence. Rebecca Ozelie, Teresa Foy

July, 2009. Pre-course: NZRA-NIRR-AFRM Combined Rehabilitation Conference (Queenstown, New Zealand)

SCIREhab: A Model for Rehabilitation Research Using Comprehensive Person, Process, and Outcome Data. Gale Whiteneck

September 2009. Congress on Spinal Cord Medicine and Rehabilitation

SCIREhab: How psychologists spend their time with patients and how it can be documented efficiently
Catherine Wilson

Poster: SCIREhab: How nurses spend their time providing education and care management for patients with SCI. Jeanine Rundquist, Jane Thomas

October 7, 2009. ACRM Pre-Course

SCIREhab: How clinicians spend their time with patients and how it can be documented efficiently (4-hour course). Gale Whiteneck, Julie Gassaway, Teresa Foy, Andrea Schwebel, Audrey Natale

October, 2009. International Spinal Cord Society (ISCoS) 48th Annual Scientific Meeting, (Florence, Italy)

SCIREhab: Documenting the Amount and Type of Interventions in Spinal Cord Injury Rehabilitation and their Variation among Patients. Gale Whiteneck

November, 2009. American Speech-Language Hearing Association (ASHA). New Orleans.

SCI Practice Based Evidence Methodology and Therapeutic Taxonomy for SLPs (one-hour)
Wendy Gordan, Beverly Dale

November, 2009. American Public Health Association (APHA). Philadelphia.

SCIREhab: How clinicians spend their time with patients and how it can be documented efficiently
Gale Whiteneck

December, 2009. Howard H. Steel Conference: Pediatric Spinal Cord Injuries and Dysfunction. Orlando.

Practice-Based Evidence Research Methodology – Potential Application in Pediatric Settings
Julie Gassaway

December 2006-June 2008. SCI Model System Project Directors Meeting.

Project description and updates. Gale Whiteneck

May 2010. ASIA (Nashville).

Course Proposal: SCIREhab: Rehabilitation Interventions Across Disciplines - Efficiently Capturing What We Do, A Crucial Step Towards Unraveling the Mystery of What Makes a Difference for Patient Outcomes
Gale Whiteneck, Julie Gassaway, Sally Taylor, Kara Cantoni

Poster Presentations:

Physical Therapy: Illustrating Differences in Treatment Patterns Will Pave the Way to Discover What Really Makes a Difference for Patient Outcomes. Sally Taylor

Occupational Therapy: Illustrating Differences in Treatment Patterns Will Pave the Way to Discover What Really Makes a Difference for Patient Outcomes. Kara Cantoni

September 2010. Academy of Spinal Cord Injury Professionals. Las Vegas.

Platform presentation: Moving SCI Psychology Toward Evidence-Based Practice. Toby Houston

Poster Presentation: Obtaining the Full Picture of SCI Rehabilitation Therapy - Inpatient and Post-Rehabilitation Discharge. Gale Whiteneck

October 2010. ACRM/ASNR. Montreal, Canada

Poster Presentation: Illuminating the black box of rehabilitation interventions to describe services delivered. Julie Gassaway

Poster Presentation: The Balance of Spinal Cord Injury Rehabilitation Services Provided in Inpatient and Post-Discharge Settings. Gale Whiteneck

Poster Presentation: What team? Continuity of staffing in inpatient spinal cord injury rehabilitation. Marcel Dijkers and Gale Whiteneck

Poster Presentation: The importance of the continuity of staffing in inpatient spinal cord injury rehabilitation. Marcel Dijkers and Gale Whiteneck

October 2010. Canadian National SCI Conference. Niagara Falls, Ontario

Platform presentation (90 minutes): Illuminating the black box of SCI rehabilitation interventions to describe services delivered. Julie Gassaway

November 2010. American Public Health Association (APHA). Denver, CO

Poster Presentation: Inpatient and Post-Discharge Rehabilitation Services Provided in the First Year after Spinal Cord Injury: Findings from the SCIREhab Study. Julie Gassaway

February 2011. Combine Sections Meeting (APTA). New Orleans, LA

Platform presentations:

Uncovering PT Rehabilitation Practice Patterns Following Traumatic SCI: Findings from SCIREhab Project. Shari McDowell

Gait Training Trends in Spinal Cord Injury Rehabilitation. Jacqueline Labarbera

Transfer Types: Allowing Data to Guide Clinicians in Transfer Training Treatment Planning in Spinal Cord Injury Rehabilitation. Sally Taylor Schroeder

Do Patient and Injury Characteristics Predict Time Spent in Physical Therapy Activities? Findings from the SCIREhab Study. Audrey Natale

Group PT Utilization in Inpatient Spinal Cord Injury Rehabilitation for Acute Spinal Cord Injury. Jeanne Zanca

Poster Presentation: Trends in Use of Strength Training for Traumatic SCI Rehabilitation: Findings From SCIREhab Project. Kristen Casperson and Elise Coulsen

February 2011. Rehabilitation Psychology 2011. Jacksonville, FL

Poster presentations:

Psychology Treatment Patterns Following Traumatic Spinal Cord Injury. Toby Houston

AIS D: The Neglected High Risk Population. Catherine Wilson

February 2011. Research Symposium sponsored by Craig's Magnet Nursing Program

Poster Presentation: The Balance of Spinal Cord Injury Rehabilitation Services Provided in Inpatient and Post-Discharge Settings. Gale Whiteneck

June 2011. ASIA/ISCoS. Washington, DC.

Poster Presentation: Group PT Utilization in Inpatient Spinal Cord Injury Rehabilitation. Jeanne Zanca

September 2011. ASCIP. Las Vegas

Platform presentations:

Beyond Level of Injury: What factors influence physical/occupational therapy interventions? Deborah Backus, Rebecca Ozelle, Deepa Thimmaiah, Audrey Natale

Psychology Treatment Following Spinal Injury: Are Ambulators Being Neglected? Toby Huston

Poster presentations:

SCIREhab Engages Clinicians to Reveal Variation in Rehabilitation Care. Gale Whiteneck

Therapeutic Recreation Treatment Time in Spinal Cord Injury Rehabilitation. Drew Bogenschutz

September 2011. ATRA.

Platform presentation: Therapeutic Recreation Treatment Time in Spinal Cord Injury Rehabilitation. Drew Bogenschutz and Cecilia Rider

October 2011. ACRM. Atlanta, GA

Platform Presentation: Empowerment/Engagement: Front-line Clinicians Enhance the Research Process. Julie Gassaway

Poster Presentations:

Group Therapy Utilization in Inpatient Spinal Cord Injury Rehabilitation. Jeanne Zanca

Forced Change In Treatments Sessions: Therapists' Ratings Of Patient Participation. Marcel Dijkers

Patient Factors Causing Therapists To Change Treatments In SCI Rehabilitation. Marcel Dijkers

February 2012 Combine Section Meeting (PT). Chicago, IL**Poster Presentations:**

Patterns in Seating Equipment Evaluation/Provision and Patient Satisfaction: Findings from the SCIREhab Project. Sally Taylor Schroeder

Patterns in Manual and Power Wheelchair Training: Findings from the SCIREhab Project. Sally Taylor

Power versus Manual? Wheelchair Intervention Trends For Individuals With Low Level Tetraplegia: Findings From The SCIREhab Study. Audrey Natale

Manual Wheelchair Wheelie Training by Physical Therapists in Inpatient Spinal Cord Injury Rehabilitation. Laura Teeter

March 2012: 28th International Seating Symposium. Vancouver, BC.**Platform Presentations:**

Patterns in Manual and Power Wheelchair Training: Findings from the SCIREhab Project. Sally Taylor

Patterns in Equipment Evaluation and Provision: Findings from the SCIREhab Project. Sally Taylor

April 2012. ASIA. Denver CO**Course:**

Innovative SCIREhab study reveals relationships of patient characteristics and treatment interventions with outcomes after SCI. Gale Whiteneck, Dan Lammertse, Audrey Natale, Julie Gassaway

April 2012 AOTA Annual Conference & Expo (Indianapolis)**Platform Presentations:**

Patterns in Seating Equipment Evaluation/Provision and Patient Satisfaction: Evidence from the SCIREhab Project. Lauren Heisler

Beyond Level of Injury: Evidence of Factors Influencing OT Interventions for Persons with SCI. Rebecca Ozelle

Adaptive Equipment: Prescription and Long Term Use in Persons with SCI; Evidence from an innovative practice-based evidence design. Rebecca Ozelle

Poster presentations:

Power versus Manual: The Science Behind Wheelchair Intervention For Individuals With Low Level Tetraplegia: Evidence From the SCIRehab Study. Lauren Heisler
Innovative Treatment: Evidence of the Occupational Therapist's Role in Bladder Management with the Spinal Cord Injury Population. Emily Buckman

September 2012. ASCIP. Las Vegas

Course: SCIRehab reveals relationships of SCI treatments with patient outcomes. Julie Gassaway, Laura Teeter, Claire Cahow

Poster: Patient/outcome relationships strengthen with subgroup analysis of specific outcomes. Gale Whiteneck, Julie Gassaway

October 2012. ACRM. Vancouver, British Columbia

Symposium: Innovative SCIRehab study reveals relationships of patient characteristics and treatment interventions with outcomes after SCI. Julie Gassaway, Gale Whiteneck, Allen Heinemann, Rebecca Ozelle

October 2012. 5th Annual Canadian National SCI Conference. Toronto, Canada

SCIRehab reveals relationships of SCI treatments with patient outcomes. Julie Gassaway and Gale Whiteneck

October 2012. Illinois Physical Therapy Association. Chicago, IL

Poster: Patterns in Manual and Power Wheelchair Training: Findings from the SCIRehab Project. Sally Taylor

Poster: Patterns in Seating Equipment Evaluation/Provision and Patient Satisfaction: Findings from the SCIRehab Project. Sally Taylor

SCIRehab Publications

2012 Baskin Research Awards Winner.

Clinician Researcher Category: **First Place:** Sally Taylor, PT. Patterns in Wheeled Mobility Training, Evaluation, and Utilization: Findings from the SCIRehab Project

Winter 2012. Mount Sinai Newsletter.

What is happening with the SCIRehab Study?

Summer 2008. Mount Sinai Newsletter.

SCIRehab Clinical Leadership Team Receives Spotlight Award

March/April 2008. ATRA Newsletter.

SCIRehab: Improving Outcomes through Practice-Based Evidence. Joan Joyce, CTRS, NRH

Journal of Spinal Cord Medicine, Series #1, June 2009

1. Whiteneck G, Dijkers M, Gassaway J, Lammertse, DP. Classifications and Quantification of Spinal Cord Injury Rehabilitation Treatments. *J Spinal Cord Med.* 2009; 32(3): 249-250.
2. Whiteneck G, Dijkers M, Gassaway J, Jha A. SCIRehab: New approach to study the content and outcomes of spinal cord injury rehabilitation. *J Spinal Cord Med.* 2009; 32(3): 251-259.
3. Gassaway J, Whiteneck G, Dijkers M. SCIRehab: Clinical taxonomy development and application in spinal cord injury rehabilitation research. *J Spinal Cord Med.* 2009; 32(3): 260-269.
4. Natale A, Taylor S, LaBarbera J, Mumma S, Bensimon L, McDowell S, Backus D, Zanca J, Gassaway J. SCIRehab: The physical therapy taxonomy. *J Spinal Cord Med.* 2009; 32(3): 270-282.
5. Ozelie R, Sipple C, Foy T, Cantoni K, Kellogg K, Lookingbill J, Backus D, Gassaway J. SCIRehab: The occupational therapy taxonomy. *J Spinal Cord Med.* 2009; 32(3): 283-296.
6. Cahow C, Skolnick S, Joyce J, Jug J, Dragon C, Gassaway J. SCIRehab: The therapeutic recreation taxonomy. *J Spinal Cord Med.* 2009; 32(3): 297-305.
7. Gordan W, Dale B, Brougham R, Spivak-David D, Georgeadis A, Adornato V, Gassaway J. SCIRehab: The speech language pathology taxonomy. *J Spinal Cord Med.* 2009; 32(3): 306-317.
8. Wilson C, Huston T, Koval J, Gordon S, Schwebel A, Gassaway J. SCIRehab: The psychology taxonomy. *J Spinal Cord Med.* 2009; 32(3): 318-327.
9. Johnson K, Bailey J, Rundquist J, Dimond P, McDonald C, Reyes I, Thomas J, Gassaway, J. SCIRehab: The supplemental nursing taxonomy. *J Spinal Cord Med.* 2009; 32(3): 328-334.
10. Abeyta N, Freeman E, Primack D, Harmon A, Dragon C, Hammond F, Gassaway J. SCIRehab: The social work/case management taxonomy. *J Spinal Cord Med.* 2009; 32(3): 335-341.

Spring 2010

Whiteneck, G, Gassaway, J. SCIRehab: A Model for Rehabilitation Research Using Comprehensive Person, Process, and Outcome Data. *Disabil Rehabil.* 2010;32(12):1035-42.

Spring 2011

Whiteneck G, Gassaway J, Dijkers M, Lammertse D, Hammond F, Heinemann A, Backus D, Charlifue S, Ballard P, Zanca J. Inpatient and Post-Discharge Rehabilitation Services Provided in the First Year after Spinal Cord Injury: Findings from the SCIREhab Study. *Arch Phys Med Rehabil.* 2011 92(3):361-8.

Journal of Spinal Cord Medicine Series #2, March 2011

1. Whiteneck G, Gassaway J, Dijkers M, Hammond F, Lammertse D. Commentary. The SCIREhab project: Analyzing multidisciplinary inpatient spinal cord injury rehabilitation treatment - second phase. *J Spinal Cord Med.* 2011;34(2):131-132.
2. Whiteneck G, Gassaway J. Guest Editorial: A test of practice-based evidence methodology. *J Spinal Cord Med.* 2011;34(2):129-130.
3. Whiteneck G, Gassaway J, Dijkers M, Charlifue S, Backus D, Chen D, Hammond F, Hsieh J, Smout R. Inpatient treatment time across disciplines in spinal cord injury rehabilitation *J Spinal Cord Med.* 2011;34(11):133-148.
4. Taylor-Schroeder S, LaBarbera J, McDowell S, Zanca J, Natale A, Mumma S, Gassaway J, Backus D. Physical therapy treatment time during inpatient spinal cord injury rehabilitation. *J Spinal Cord Med.* 2011;34(2):149-161.
5. Foy T, Perritt G, Thimmaiah D, Heisler L, Offutt J, Cantoni K, Hsieh C, Gassaway J, Ozelie R, Backus D. Occupational therapy treatment time during inpatient spinal cord injury rehabilitation. *J Spinal Cord Med.* 2011;34(2):162-175.
6. Brougham R, Spivack-David D, Adornato V, Gordan W, Dale B, Geordeadis A, Gassaway J. SCIREhab: Speech language pathology therapy treatment time during inpatient spinal cord injury rehabilitation: the SCIREhab project. *J Spinal Cord Med.* 2011;34(2):186-196.
7. Gassaway J, Dijkers M, Rider C, Edens K, Cahow C, Joyce J. Therapeutic recreation treatment time during inpatient spinal cord injury rehabilitation. *J Spinal Cord Med.* 2011;34(2):176-185.
8. Huston T, Gassaway J, Wilson C, Gordon C, Koval J, Schwebel A. Psychology treatment time during inpatient spinal cord injury rehabilitation. *J Spinal Cord Med.* 2011;2011(2):196-204.
9. Rundquist J, Gassaway J, Bailey J, Lingefelt P, Reyes I, Thomas J. Nursing bedside education and care management time during inpatient spinal cord rehabilitation. *J Spinal Cord Med.* 2011;34(2):205-215.
10. Hammond F, Gassaway J, Abeyta N, Freeman E, Primack D. Social work and case management treatment time during inpatient spinal cord injury rehabilitation *J Spinal Cord Med.* 2011;34(2):216-226.

Journal of Spinal Cord Medicine Series #3 (2012-13)

1. Whiteneck G, Gassaway J, Dijkers M, Heinemann A. Relationships of patient and treatment time with functional and participation outcomes following inpatient spinal cord injury rehabilitation. *J Spinal Cord Med.* submitted.
2. Teeter L, Gassaway J, Taylor S, LaBarbera J, McDowell S, Backus D, Zanca J, Natale A, Cabrera J, Smout R, Kreider S, Whiteneck G. SCIREhab: Relationship of physical therapy inpatient rehabilitation interventions and patient characteristics to outcomes following spinal cord injury. *J Spinal Cord Med.* Submitted.
3. Ozelie R, Gassaway J, Foy T, Perritt G, Thimmaiah D, Heisler L, Cantoni K, Hsieh C, Backus D, Buchman E, Smout R, Kreider S, Whiteneck G. SCIREhab: Relationship of occupational therapy inpatient rehabilitation interventions and patient characteristics to outcomes following spinal cord injury. *J Spinal Cord Med.* submitted.

4. Cahow C, Gassaway J, Rider C, Joyce J, Bogenshutz A, Edens K, Kreider S, Whiteneck G. SCIREhab: Relationship of therapeutic recreation inpatient rehabilitation interventions and patient characteristics to outcomes following spinal cord injury. *J Spinal Cord Med.* Submitted.
5. Gordan W, Gerber D, Spivack-David D, Adornato V, Brougham R, Gassaway J, Kreider S, Whiteneck G. SCIREhab: Relationship of speech language pathology inpatient rehabilitation interventions and patient characteristics to outcomes following spinal cord injury. *J Spinal Cord Med.* Submitted.
6. Bailey J, Dijkers M, Gassaway J, Thomas J, Lingefelt P, Kreider S, Whiteneck G. SCIREhab: Relationship of nursing education and care management to outcomes following spinal cord injury rehabilitation. Submitted.
7. Heinemann A, Wilson C, Huston T, Koval J, Gordon S, Gassaway J, Kreider S, Whiteneck G. SCIREhab: Relationship of psychology inpatient rehabilitation services and patient characteristics to outcomes following spinal cord injury. *J Spinal Cord Med.* Submitted.
8. Hammond F, Gassaway J, Abeyta N, Freeman E, Primack P, Kreider S, Whiteneck G. SCIREhab: Outcomes of social work and case management services during inpatient spinal cord injury rehabilitation *J Spinal Cord Med.* Submitted.
9. Dijkers M, Faotto, RM. SCIREhab: Team size in spinal cord injury inpatient rehabilitation and patient participation in therapy sessions. *J Spinal Cord Med.* Submitted.

Archives of Physical Medicine and Rehabilitation Supplement, Winter 2012:

1. Dijkers M, Whiteneck G, Gassaway J. Commentary: CER, PBE, SCIREhab, NIDRR and other important abbreviations. *Arch Phys Med Rehabil.* Submitted.
2. Whiteneck G, Gassaway J. SCIREhab uses practice-based evidence methodology to associate patient and treatment characteristics with outcomes *Arch Phys Med Rehabil.* Submitted.
3. Horn S, Smout R, DeJong G, Dijkers M, Whiteneck G, Hsieh C, Lammertse D. Association of measures of comorbidity with spinal cord injury rehabilitation outcomes *Arch Phys Med Rehabil.* submitted.
4. DeJong G, Horn S, Smout R, Tian W, Ballard P, Hsieh C, Backus D, Heinemann A, Zanca J, Hammond F, Scelza W. Rehospitalization in the first year following discharge from medical rehabilitation for traumatic spinal cord injury. *Arch Phys Med Rehabil.* submitted.
5. Hammond F, Horn S, Jha A, Bloomgarden J, Smout R, Chen D, Scelza W, Ballard P. Medical complications and acute rehospitalization during inpatient rehabilitation for spinal cord injury. *Arch Phys Med Rehabil.* submitted.
6. Hammond F, Horn S, Smout R. Reasons for missing therapy during inpatient rehabilitation for spinal cord injury *Arch Phys Med Rehabil.* submitted.
7. Dijkers M, Zanca J, Hammond F. Factors complicating treatment sessions in spinal cord injury rehabilitation: nature, frequency and consequences *Arch Phys Med Rehabil.* submitted.
8. Tian W, DeJong G, Hsieh C, Groah S, Ballard P, Horn S, Smout R, Backus D, Hammond F, Heinemann A. Obesity and inpatient rehabilitation outcomes among patients with a traumatic spinal cord injury. *Arch Phys Med Rehabil.* submitted.
9. Zanca J, Dijkers M, Horn S, Smout R, Hammond F. Pain and its impact on inpatient rehabilitation for acute traumatic spinal cord injury *Arch Phys Med Rehabil.* submitted.
10. Zanca J, Dijkers M, Whiteneck G, Heinemann A, Hsieh C, Horn S, Smout R, Backus D. Group Therapy Utilization in Inpatient Spinal Cord Injury Rehabilitation. *Arch Phys Med Rehabil.* submitted.
11. Kozlowski A, Heinemann A. Comparison of mean aggregate and individual latent growth models to evaluate functional outcomes for persons represented in the SCIREhab database *Arch Phys Med Rehabil.* submitted.
12. Backus D, Gassaway J, DeJong G, Hsieh C, Heinemann A, Charlifue S, Smout R, Horn S, Whiteneck G. The relationship between inpatient and post-discharge services, life satisfaction and participation in persons with chronic SCI *Arch Phys Med Rehabil.* submitted.

12. Hsieh C, DeJong G, Groah S, Horn S, Smout R, Ballard P. Comparing rehabilitation trajectories and outcomes between older and younger people with SCI. *Arch Phys Med Rehabil.* submitted.

Taylor S, Heisler-Varriale L, Teeter L, LaBarbera J, Vargas C, Swirsky A, Natale A, Gassaway J. **Patterns in wheeled mobility training, evaluation, and utilization: Findings from the SCIREhab project.** Assistive Technology. submitted