



Spinal Cord Injury Seminars, Inc

Established 2004

Occupational and Physical Therapy Management of SCI

A Functional Treatment Approach... "from injury to home again."

Course Description

Celebrating its 16th year, SCI Seminars presents a comprehensive approach to the treatment of the spinal cord injured (SCI) client from onset of injury through acute inpatient and outpatient rehabilitation. Rehabilitation from moment of injury to "highest potential" is a lengthy, complex and extraordinary process requiring support from all medical disciplines, as well as family and friends. Expert presenters from several nationally-recognized facilities share evidence-based and experienced-based treatment techniques and considerations through lecture, video, discussion and lab activities. Participants with all levels of experience will learn to more effectively and efficiently progress their clients with spinal cord injury to reach their highest functional level. Course is most appropriate for physical therapists (PTs), physical therapy assistants (PTAs), occupational therapists (OTs), and occupational therapist assistants (COTAs), but any health care discipline is welcome.

Course Schedule ~15.0 Contact Hours

Saturday

7:30	Registration/Continental Breakfast
8:00	Introduction, goals and objectives
8:15	International Standards for Neurological Classification of SCI (ISNCSCI)
9:30	Functional outcomes by level of injury
10:45	Medical complications
11:15	Sexual function after SCI
11:45	Lunch (on your own)
12:45	Mobility progression for individuals with paraplegia (video demonstration)
2:00	Lab break-out session (lab time may be changed depending on facility restrictions)
	OT – Basic manual wheelchair skills PT – Mobility progression
3:15	Bowel and bladder management
4:15	Management of shoulder dysfunction
5:00	Adjourn

Sunday

7:30	Continental Breakfast		
8:00	Durable medical equipment and home modifications		
9:00	Treatment progression for C6 level of injury (video demonstration)		
10:30	Wheelchair seating and positioning		
11:30	Advanced transfers and wheelchair skills (video demonstration)		
12:00	Lunch (on your own)		
<u>OT Sessions</u>		<u>PT Sessions</u>	
1:00	OT intervention (lecture/video demo) - ADLs and assistive technology, UE progression, hand splinting for position and function (lab)	1:00	Treatment considerations for motor incomplete injuries (lecture)
		2:15	Mat progression lab
		3:30	Advanced wheelchair skills lab
4:30	Psychosocial Considerations	Questions, Discussion and Wrap Up	
5:00	Adjourn		

Course Objectives

1. All participants will accurately determine neurological level and classification for at least 3 cases from provided International Standards for Neurological Classification of Spinal Cord Injury (ISNCSCI) exam data using ASIA Guidelines.
2. All participants will be able to correctly describe 5 common medical complications associated with spinal cord injury and how they impact patient care, treatments and outcomes.
3. All participants will design a treatment intervention plan to promote increased independence of clients with cervical and thoracic levels of injury based on videos of functional activities as well as discussion of case studies and practice of handling skills.
4. All participants will be able to independently suggest at least 1 intervention to promote upright sitting posture in a manual or power wheelchair.
5. All participants will be able to effectively assess the learning of another participant while attaining and maintaining a wheelie in an ultralight manual wheelchair for progression of community mobility skills.
6. Following review of a video case study, Physical Therapy participants will properly analyze 3 common gait deviations.
7. Occupational Therapy participants will be able to identify and apply at least 1 hand splinting technique for those with SCI.
8. Occupational therapy participants will cite 2 preparatory skills necessary to independently manage lower extremity dressing.
9. Occupational therapy participants will task analyze a hand-to-mouth pattern for feeding and grooming.

Presenters

Laura Wehrli, PT, DPT, ATP, NCS graduated from Temple University with a Master's Degree and later a Doctorate in Physical Therapy. She began her career in spinal cord injury rehabilitation at Mount Sinai Medical Center in New York, NY in 2000. She is currently the Physical Therapy Supervisor in SCI at Craig Hospital near Denver, CO. Laura has spent most of her career working with patients with spinal cord injuries in both the inpatient and outpatient settings. She has been a professional educator with SCI Seminars since 2008.

Rafferty Laredo, OTR, MA is the Executive Director of United Spinal Association of Houston, providing resource education, medical supplies, peer support, and community-based health and wellness opportunities to his local community. Additionally, Rafferty is a community-based occupational therapist for patients living with complex neurological involvement. Prior to these current roles, Rafferty served an 11-year career at The Institute for Rehabilitation and Research (TIIR) as clinical staff OT, manager, and clinical coordinator. He has been a professional educator with SCI Seminars since 2011.

The Details

Course tuition: \$550 Standard, \$495 Early Bird, \$300 Student or Audit rate, Groups of ≥ 3 \$25 off each

Participants: PT, PTA, OT, COTA, PT and OT students; day 1 may be helpful for nursing professionals, but CMEs are not typically pursued.

Educational level: Beginner to Intermediate

CEUs: Please see our website for details. AOTA-approved provider.

Cancellations/Refunds: In the event of a course cancellation, Spinal Cord Injury Seminars, Inc. is not responsible for any costs incurred related to this seminar.

Accommodations: If you require accommodation of any special needs, please contact us via our website Contact page.

Visit our website www.sciseminars.com for upcoming locations and to register!

The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

