



# Spinal Cord Injury Seminars, Inc

Established 2004

## Occupational and Physical Therapy Management of SCI

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

**November 13-14<sup>th</sup>, 2020**

### Virtual 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 and video discussion. 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** - 11.0 Contact Hours (\*\*plus 6 Contact Hours with optional InStep Course: See below)

### Friday afternoon Pacific Time

3:45	Virtual check-in
4:00	Introduction, goals and objectives
4:15	Review International Standards for Neurological Classification of SCI (ISNCSCI)**
5:00	Functional outcomes by level of injury
6:00	Break
6:15	Mobility progression for individuals with paraplegia (video demonstration)
7:30	Sexual function after SCI
8:15	Adjourn

### Saturday Pacific Time

7:45	Virtual check-in		
8:00	Bowel and bladder management		
9:00	Management of shoulder dysfunction		
9:45	Break		
10:00	Durable medical equipment and home modifications		
11:00	Treatment progression for C6 level of injury (video demonstration)		
12:15	Lunch		
12:45	Wheelchair seating and positioning		
1:45	Advanced transfers and wheelchair skills (video demonstration)		
<u>OT Sessions</u>		<u>PT Sessions</u>	
2:15	OT intervention (lecture/video demo) - ADLs and assistive technology, UE progression	2:15	Treatment considerations for motor incomplete injuries (lecture)
3:30	Psychosocial Considerations	Questions, Discussion and Wrap Up	
4:00	Adjourn		

**\*\* Clinical Preparation:** You are encouraged (not mandatory) to take the American Spinal Injury InStep e-learning module (6 hours) prior to this course, to help understand the language we will use throughout the weekend. There will be a brief InStep review at the beginning of the course.

**ASIA has offered everyone attending SCI seminars the student rate of \$25** <https://asia.learnshare.com/>

SCI Seminars, Inc. 1033 Willow Lake Rd Discovery Bay, CA 94505 (650) 224-4268 [www.SCISeminars.com](http://www.SCISeminars.com)

## 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 list 2 expected functional outcomes each for individuals with C6 and T1-9 levels of injury.
3. All participants will be able to effectively assess and identify mobility skill progression in areas of balance, rolling and transfer skills.
4. All participants will identify 3 components of a successful 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.
5. All participants will be able to independently suggest at least 1 intervention to promote upright sitting posture in a manual or power wheelchair.
6. Following review of a video case study, Physical Therapy participants will properly analyze 3 common gait deviations.
7. Occupational therapy participants will cite 2 preparatory skills necessary to independently manage lower extremity dressing.
8. Occupational therapy participants will task analyze a hand-to-mouth pattern for feeding and grooming.

## Presenters

**Darrell Musick, PT** graduated from California State University at Long Beach in 1989 with a bachelor's degree in physical therapy. He began his clinical specialization in spinal cord injury in 1991 and is currently a Program Officer for the Craig H. Nielsen Foundation, CO&I Portfolio, and the President of SCI Seminars. He was the Clinical VP for Ekso Bionics from 2010 to 2020. He was the 2013 recipient of the Excellence award from the Academy of Spinal Cord Injury Professionals, Therapy Leadership Committee. Darrell was the Director of Physical Therapy at Craig Hospital in Englewood, Colorado from 2005 through 2010 and previously the Physical Therapy supervisor of the spinal cord injury unit at Santa Clara Valley Medical Center in San Jose, California from 1992 to 2005. He is an adjunct faculty member for the Samuel Merritt College DPT program in Oakland, CA, and UCSF DPT program in San Francisco.

**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 (TIIRR) as clinical staff OT, manager, and clinical coordinator. He has been a professional educator with SCI Seminars since 2011.

## The Details

**Course tuition:** \$300 Standard, Groups of  $\geq 3$  \$25 off each

**Participants:** PT, PTA, OT, COTA, PT and OT students;

**Educational level:** Beginner to Intermediate

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

**Cancellation Policy:** Cancellations must be received in writing at least two weeks prior to the seminar date for tuition refund less a \$75 administration fee. Registration may be transferred to a future course without any fees.

Visit our website [www.sciseminars.com](http://www.sciseminars.com) for upcoming locations and to register!

The assignment of AOTA CEUs does not imply endorsement of specific course

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