

2009 Course Dates & Locations

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Certificates of attendance are provided upon successful completion of the course.

This course is

16.0 contact hours/1.6 CEUs.

This course will benefit physical therapists, physical therapy assistants, occupational therapists, occupational therapy assistants and rehab nurses. This course meets the ceu license renewal requirements for physical therapists in Connecticut. North American Seminars, Inc. is an AOTA provider for continuing education, NAS Provider #4487. AOTA does not endorse specific course content, products, or clinical procedures. This course can be used for continuing competency for license renewal for OT's in the state of California. The Oregon, Illinois, Missouri, Texas, Tennessee, Kentucky, Rhode Island, Delaware, South Carolina, Nevada and Ohio occupational therapy regulatory boards accept courses presented by AOTA providers to meet the needs of OT continuing educational requirements.

Advances in Spinal Cord Injury



Presented by
Selina Morgan, P.T., A.T.P.

North American Seminars, Inc.
1-800-300-5512
Fax 1-800-310-5920
www.healthclick.com

Day One

7:30	8:00	Registration
8:00	8:30	Introduction
		<ul style="list-style-type: none"> • Demographics • Model systems and their contributions • What constitutes a spinal cord injury program
8:30	9:00	Review of secondary injury mechanisms and complications
		<ul style="list-style-type: none"> • Multisystem involvement • Therapy precautions and interventions
9:00	9:45	Evaluation with practical applications
		<ul style="list-style-type: none"> • The detailed ASIA assessment • Specific motor testing: isolating each muscle group • Sensory testing • Complete vs incomplete injury
9:45	10:00	Break
10:00	12:00	Evaluation demonstration and discussion
		<ul style="list-style-type: none"> • Evaluation procedures • Zone of preservation assessment • Assessing isolated movement vs. substitution patterns
12:00	1:00	Lunch (on your own)
1:00	2:30	Evaluation of spinal origin spasticity and management
		<ul style="list-style-type: none"> • Assessing spasticity <ul style="list-style-type: none"> - Observation - Reliable tools for assessment • Systemic treatment through medications, (ITB, medications) • Localized treatment (injection therapy) • Management through seating and positioning • Therapy interventions
2:30	2:45	Break
2:45	4:00	Weight bearing and other augmentative movement therapies
		<ul style="list-style-type: none"> • Standing programs: static and dynamic • FES computerized cycles • Upper extremity splinting for positioning and for dynamic augmentation • Bioprosthesis
4:00	5:00	Central Generator processors
		<ul style="list-style-type: none"> • Gait training progressions and orthoses • Harnessed gait training (tread mills and robotics) • Specificity of training
5:00	5:30	Review and questions

Day Two

7:00	8:30	Back to basics
		<ul style="list-style-type: none"> • Utilizing your evaluation findings for goal setting for positive outcomes • Review of expected outcomes for basic skill progressions relative to mobility and ADLs
8:30	10:30	Mobility Training discussion and demonstration
		<ul style="list-style-type: none"> • Kinesthetic analysis of movement patterns (mobility lab and demonstration) for transfers and mat mobility • Movement strategies and therapeutic handling techniques for cuing the patient to achieve transfers including floor transfers, coming to sit, coming to stand, gait training, and falling techniques
10:30	10:45	Break
10:45	12:00	Seating and mobility
		<ul style="list-style-type: none"> • Assessing for function, for skin protection, for deformity management • The ergonomics of manual propulsion • Rigid vs. folding frames vs. hybrids • Configuration options • Manual propulsion enhancement • Power mobility and alternative access options
12:00	1:00	Lunch (on your own)
1:00	2:30	Assistive technology
		<ul style="list-style-type: none"> • Electronic aids to daily living • Computer access • Augmentative communication • Driving and transportation • Funding trends for assistive technology • Credentialing trends for prescriptive mobility and seating systems
2:30	2:45	Break
2:45	3:45	Home modifications
		<ul style="list-style-type: none"> • Discharge planning and prioritizing • Internal and external analysis of the living and working environment
3:45	4:30	Wrap up and post test

Call North American Seminars, Inc. if your facility is interested in hosting one of our courses or if you are an educator interested in presenting courses with North American Seminars, Inc. 1-800-300-5512

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About the Educator

Selina Morgan, P.T., A.T.P., graduated from Texas A&M University with a B.S. in health education in 1984, and the University of Texas Health Science Center in Dallas, School of Physical Therapy in 1986. She is actively involved in the physical rehabilitation of neurologically compromised patients with special interest in spinal cord injury, and assistive technology. She has held offices in: The National Spinal Cord Injury Association-South Texas Chapter, the adhoc committee to improve handicap accessibility in San Antonio, and the access planning committee of the Alamo Dome.

Selina first gained teaching experience through her faculty position at the Texas Tech School of Physical Therapy in 1995. She continues to teach in areas of spinal cord injury, seating/mobility and assistive technology at the University of Texas Health and Science Center (schools of PT and OT) and the Army/Navy Baylor School of Physical Therapy at Fort Sam Houston.

Selina has received credentials through RESNA as an assistive technology practitioner since 2003.



Why You Should Attend This Course

This two-day advanced course is designed to provide progressive concepts to the medical professional involved in the rehabilitation management of the spinal cord-injured patient.

The focus of discussion in this course will be on current treatment approaches related to SCI rehabilitation. Special emphasis will be placed on specific evaluation skills using ASIA standards and more specific evaluation procedures for setting long term functional expectations. A review of precautions and secondary injury mechanisms will be discussed with a deeper focus on spasticity management including assessment tools, identifying neural vs. non-neural origins of spasticity, and advances in local and system medical intervention. Participants will also be exposed to state of the art information to enhance their understanding of the treatment environment for the spinal cord injured population including the use of static and dynamic standing programs' augmentative movement therapies; and assistive gait intervention stimulating central generating processors. This course will explore both conventional and high-tech methods of achieving the best possible outcome and will assist the clinician in facilitating critical thinking when assisting their clients in achieving independent living and long term self management.

Clinicians will be able to immediately apply the information from this course in the clinical setting and will be able to significantly impact the care of their patients by understanding the availability of current resources for the spinal cord injured patient.

Course Objectives

Upon completion of this course, participants will be able to:

- Review the historical trends in SCI therapy, contributions from the model systems and what constitutes a spinal cord therapy program.
- Identify key components to therapy evaluation and indications for treatment planning.
- Differentiate between the ASIA evaluative process and a more specific evaluation based on recognizing specific muscle groups' strength and compensatory contributions.
- Discuss goal setting and expected outcomes as they relate to various functional levels of injury.
- Perform a kinesthetic analysis of movement patterns and develop strategic mobility options.
- Discuss key issues related to evaluating spasticity and current trends in its management.
- Review the secondary injury mechanisms and therapy precautions/intervention. Discuss and apply the principles of seating, positioning, and functional mobility.
- Explore environmental and computer access options.
- Discuss funding issues as they relate to procurement of assistive technology.

Registration Form
Advances in Spinal Cord

Morgan
advanced 08
v.11.1

Course Tuition: \$399

\$507 with shoulder software

Send tuition to: North American Seminars, Inc.
2000 Mallory Lane Suite 130-67 Franklin, TN 37067
1-800-300-5512 Fax 1-800-310-5920 www.healthclick.com

All cancellations must be submitted with written notice and received 14 days prior to the course date. Refunds and transfers minus the deposit fee of \$75.00 are provided until 14 business days prior to the course date. No refunds will be issued if notice is received after 14 days prior to the course date. North American Seminars, Inc. reserves the right to cancel any course and will not be responsible for any charges incurred by the registrant due to cancellation. A full course tuition refund will be issued if NAS cancels the course. NAS reserves the right to change a course date, location or instructor. No refund will be issued if course is in progress and is interrupted by an Act of War or God or issue beyond our control. NAS, Inc. will not be responsible for any participant expenses other than a course tuition refund for course cancellations.

Name _____ Profession _____

Home Business _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Credit Card _____

expiration date _____ e-mail _____

Location of attendance _____