

2012 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 is 19.0 contact hours/1.90 CEU's. for therapists licensed in Florida, District of Columbia, New York, Illinois or North Carolina

This course meets the continuing education requirements for physical therapists in the States of Alaska, Colorado, Connecticut, Delaware, Idaho, Indiana, Massachusetts, Missouri, Montana, New Hampshire, New Jersey, North Carolina, Oregon, Rhode Island, Utah, Vermont, Virginia and Washington, Wisconsin. This course meets the ceu requirements specified in the Utah Physical Therapy Practice Act Rule. The California Physical Therapy Board has approved North American Seminars, Inc. as an approval agency to approve providers offering continuing competency courses. This course meets the standards set forth in section 1399.96 of the California Code of Regulation and is approved for 16 Hrs and 1.6 CEU's for physical therapy continuing competency license renewal requirements in the State of California, approval # PTNAS-201466. This course can be used for continuing education competency for license renewal for OT's in the State of California. This course has been approved by the DC Physical Therapy Board, DC-1110. The New York State Education Department, Office of the Professions has approved NAS as a continuing education sponsor for physical therapists and assistants licensed in New York. This course meets the continuing education requirements set forth by the TPTA, call for approval number. This course meets the ceu requirements set forth by the Pennsylvania Physical Therapy Licensing Board. The Oklahoma Board of Medical Licensure has approved this course for 16 hours for physical therapy. Kentucky PT approval # 76-KPTA-11. NAS is approved by the IDPR to provide continuing education for physical therapists licensed in the state of Illinois. IL PT Provider #216000074. This course will benefit physical therapists, physical therapy assistants, occupational therapists, occupational therapy assistants and rehab nurses. North American Seminars, Inc. is an AOTA provider for continuing education, provider #4487. The AOTA does not endorse specific course content, products or clinical procedures. The Alaska, Arkansas, Delaware, District of Columbia, Illinois, Indiana, Kentucky, Louisiana, Maryland, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, North Carolina, Ohio, Oregon, Oklahoma, Rhode Island, South Carolina, Tennessee, Texas, Vermont and Virginia occupational therapy regulatory boards accept courses presented by AOTA providers to meet the needs of OT continuing educational requirements. This course meets the ceu requirements set forth by the Washington State Occupational Therapy Practice Board.

Advancements in the Management and Treatment of Spinal Cord Injury

(An Evidence Based Course)



Presented by
Selina Morgan, PT, ATP
North American Seminars, Inc.
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www.healthclick.com

		Day One			Day Two
7:30	8:00	Registration	7:00	8:30	Back to basics
8:00	8:30	Introduction			<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 ADL's
		<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	8:30	10:30	Mobility training discussion and demonstration
		<ul style="list-style-type: none"> Multisystem involvement Therapy precautions and interventions 			<ul style="list-style-type: none"> Kinesthetic analysis of movement patterns (mobility lab and demonstration) for transfers and mat mobility Wheelchair mobility skills training Movement strategies and therapeutic handling techniques for cueing the patient to achieve transfers including floor transfers, coming to sit, coming to stand, gait training and falling techniques Video presentation
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 			
9:45	10:00	Break			
10:00	12:00	Strength Lab			
		<ul style="list-style-type: none"> Isolating muscle groups (cont) Strength training: hands on practice Meeting milestones by strengthening in functional positions 	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	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 	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	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 Bioprostheses 	2:30	2:45	Break
			2:45	3:45	Home modifications
4:00	5:00	Central Generator processors			<ul style="list-style-type: none"> Discharge planning and prioritizing Internal and external analysis of the living and working environment
		<ul style="list-style-type: none"> Harnessed gait training (tread mills and robotics) Specificity of training 			
5:00	5:30	Review and questions	3:45	4:30	Wrap up and post test

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 1-800-300-5512

About the Educator

Selina M. Morgan, PT, ATP, graduated from Texas A&M University with a BS in Health Education in 1984, and the University of Texas Health Science Center in Dallas, School of Physical Therapy in 1986. She has been actively involved in the physical rehabilitation of neurological compromised patients with a special interest in spinal cord injury and assistive technology. Whereas, she has historically worked with adults, she is currently working with pediatric patients with spinal cord injury and has found intriguing differences in recovery potential and more aggressive strategies that work to encourage functional independence and strength recovery even in the early days of rehabilitation.

She has held offices in: The National Spinal Cord Injury Association-South Texas Chapter; the ad hoc committee to improve 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 the areas of spinal cord injury, seating/mobility and assistive technology at the University of Texas Health Science Center at San Antonio (schools of PT and OT), and the Army Baylor School of Physical Therapy at Fort Sam Houston.

Selina has credentialed by 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. In today's rehabilitation environment, therapists are being driven to be more aggressive toward utilizing a recovery model approach when treating a patient following a spinal cord injury. The basic skills learned in therapy schools are no longer enough to promote a higher level of recovery. Today's research-based approaches, enable therapists to offer aggressive treatment with the focus on regaining the function that has been lost. Expecting a higher level of functional outcome requires a paradigm shift in our traditional thought process.

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 systemic 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.
- Discuss differences in philosophy relative to treatment approaches utilizing a traditional therapy model vs. the more aggressive recovery model.
- Will be able perform a kinesthetic analysis of movement patterns and strategize 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

Advancements in the Management and Treatment of Spinal Cord Injury

Register Online
www.healthclick.com

Course Tuition: \$425

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

Name _____ Profession _____

Home _____

Address _____

City _____ State _____ Zip _____

Credit Card _____

Exp.date _____ Home Phone (required) _____

e-mail (required) _____

Location of attendance _____