

2012 Course Dates & Locations

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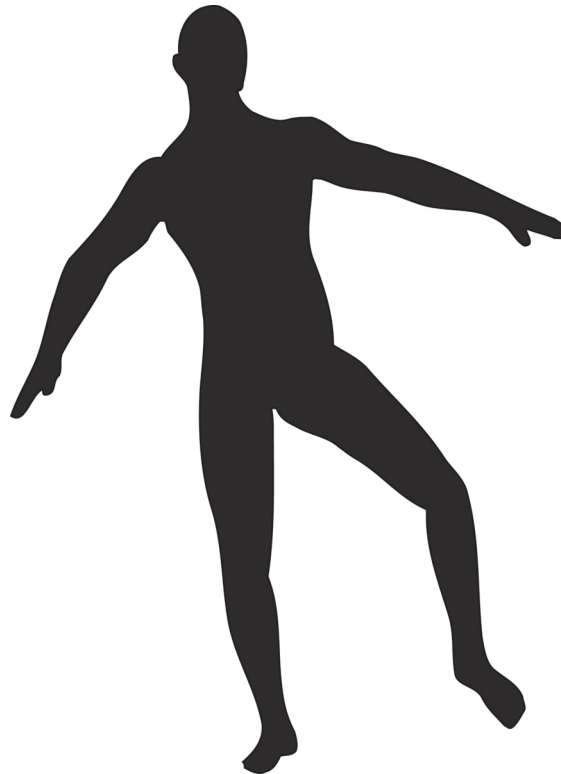
This course is 18 contact hours/1.8 ceu's for therapists licensed in
FL, NC, IL, NY, or DC

This course is 15 contact hours/1.5 ceus, for therapists licensed in other states
Certificates of attendance for CEU verification are provided after
successful completion of the course.

CA Approval #PTNAS-201455 | BOC Provider #P2047
AOTA provider #4487 | TPTA Approval # 50394
FL OT provider #50-1442 | IL PT Provider # 216000074

This course meets the ceu requirements for physical therapists and assistants licensed in Florida, call for approval number. FL OT Provider # 50-1442. This course meets the CEU requirements for physical and occupational therapists licensed in the state of Texas, TPTA approval #50394. This course meets the requirements for CEU's for the Oklahoma Board of Medical Licensure and Supervision. This course has been approved by the MD Board of Physical Therapy Examiners. This course meets the requirements set forth by the Pennsylvania State Board of Physical Therapy, Approval # PTCE002301(15 General) This course is approved for physical therapists in the District of Columbia approval #DC-1119. This course has been approved by the Delaware Board of Physical Therapy. The New Jersey Board of Physical Therapy has approved this course, approval # 947-2010. This course meets the continuing education requirements for physical therapists in the States of Alaska, Colorado, Connecticut, Delaware, Idaho, Massachusetts, Missouri, Montana, New Hampshire, New Jersey, North Carolina, Oregon, Rhode Island, Utah, Vermont, Virginia, Washington and Wisconsin. The New York State Education Department, Office of Professions has approved NAS as a continuing education sponsor for physical therapists and assistants licensed in New York. 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 15.0 hrs, 1.50 CEU's for physical therapy continuing competency license renewal requirements in the State of California, approval #PTNAS-201455. 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 Nevada Board of Physical Therapy Examiners for 1.5 continuing education units for physical therapists. This course meets the ceu requirements specified in the Utah Physical Therapy Practice Act Rule. NAS is approved by the IDPR to provide continuing education for physical therapists licensed in the State of Illinois. 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.

Treating Balance Impairment in the Neurological Population



Presented by
Linda Horn, PT, DScPT, MHS, NCS

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 9:00 **Concepts of Balance and Postural Control**
- Systems theory
 - Motor control/motor learning
 - Current concepts
- 9:00 10:30 **Evaluating Balance in Patients with Neurological Disorders**
- History
 - Objective: strength, tone, ROM, and sensation, coordination
- 10:30 10:45 **Break**
- 10:45 12:00 **Evaluation (continued)**
- Functional mobility including gait
 - Oculomotor exam
- 12:00 12:45 **Lunch (on your own)**
- 12:45 3:00 **Outcome Measures**
- Fugl-Meyer, Barthel
 - Berg Balance Scale
 - Tinetti
 - Functional Reach
 - Timed Up and Go
 - Dynamic Gait Index and other tests
 - Demonstration of selected measures
- 3:00 3:15 **Break**
- 3:15 5:30 **Treating Balance Deficits: General Treatment Ideas**
- 5:30 6:00 **Group Case Study**

Day Two

- 8:00 9:30 **Interaction of Comorbidities**
- Diabetes
 - Orthostatic hypotension
 - Vestibular disorders
 - Osteoporosis
 - Peripheral neuropathy
 - Cardiopulmonary disorders
 - Vision disorders
- 9:30 10:30 **Balance Treatment Lab**
- Selected outcome measures
 - Selected techniques practiced
- 10:30 10:45 **Break**
- 10:45 12:00 **Stroke**
- Evaluation and treatment
 - Outcome measures
 - Research
 - Case study
- 12:00 12:30 **Lunch (on your own)**
- 12:30 1:45 **Parkinson's Disease**
- Evaluation and treatment
 - Outcome measures
 - Research
 - Case study
- 1:45 2:30 **Multiple Sclerosis**
- Evaluation and treatment
 - Outcome measures
 - Research
 - Case study
- 2:30 3:00 **Head Trauma**
- Evaluation and treatment
 - Outcome measures
 - Research
 - Case study
- 3:00 3:30 **Putting It All Together: Group Case Studies**

About the Educator

Linda B. Horn, PT, DSc, MHS, NCS recently joined Gentiva as the Safe Strides Team Leader in Towson, Maryland. She has over 25 years of clinical experience in a variety of clinical settings including acute care, outpatient and home care. She is a Neurologic Certified Specialist by the American Physical Therapy Association since 1993. Her primary area of expertise is in the area of balance and vestibular disorders in the adult population, particularly with older adults. She has presented numerous continuing education seminars and poster presentations on these topics. Linda is a lecturer for physical therapy students in the areas of balance and vestibular disorders, and neurological rehabilitation. She is active in the American Physical Therapy Association at both the state and national levels. In 2008, Linda was the recipient of the Henry O. and Florence P. Kendall Award from the APTA of Maryland.



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Why You Should Attend This Course

This two-day intermediate, interactive course is designed to improve the skills of the clinician treating neurologically involved patients presenting with balance problems. This course integrates balance disorder research findings into the examination and treatment of individuals with neurological deficits. In-depth discussion of stroke, Parkinson's Disease, head trauma and multiple sclerosis are covered to assist the clinician in developing a thorough understanding of the interrelationship of preexisting neurological impairments and balance disorders. The balance treatment lab will allow participants the opportunity to practice many of the techniques discussed in this course.

This course will cover: concepts of balance, postural control and motor learning, a systematic approach to evaluating balance in patients with neurological disorders, outcome measures, case study presentations, recent research correlations between balance disorders and the neurologically impaired and treatment development for increasing functional abilities. Therapists are presented with the tools necessary to apply the information immediately in the clinical setting and to develop a comprehensive evaluation process and treatment programs for increasing functional outcomes.

This course is offered to physical therapists, physical therapy assistants, occupational therapists and occupational therapy assistants.

Course Objectives

Upon completion of this course participants will be able to:

- Apply current concepts of motor learning, balance and postural control with neurological diseases such as: stroke, Parkinson's Disease, head trauma and multiple sclerosis.
- Understand the relationship between comorbidities and specific neurological diseases.
- Develop a thorough evaluation process to determine the functional impact of the underlying neurological deficits with balance disorders.
- Utilize appropriate outcome measures while incorporating treatment techniques supported by research into treatment plans for patients with specific neurological diseases.
- Incorporate examination of comorbidities with neurological examination.
- Incorporate treatment techniques to reduce the effects of comorbid impairments with the treatment of neurological impairments.
- Develop a balance training program to optimize motor learning for patients with underlying neurological disorders.



Horn 12

Registration Form

Treating Balance Impairment

Registration Fee: \$399.00

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 _____ Phone (required) _____

e-mail (required) _____

Location of attendance _____

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 or transfers 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.