

## 2012 Course Date & Location

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Certificates for attendance are provided upon course completion.

### This course is 16 contact hours/1.6 ceus

This course is 19 contact hours/1.9 ceu's for Florida, District of Columbia, New York, Illinois or North Carolina

CA # PTNAS-201453

FL OT Provider # 50-1442 | BOC Provider #P2047

IL Provider #216000074 | AOTA Provider # 4487

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 16.0 hrs, 1.60 CEU's for physical therapy continuing competency license renewal requirements in the State of California, approval #PT-NAS-201453. This course meets the continuing education requirements for OT license renewal in the State of California. The Nevada Board of Physical Therapy examiners has approved this course for 1.5 continuing education units. This course meets the ceu requirements specified in the Utah Physical Therapy Practice Act Rule New Jersey PT Board approval # 5-2012. 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. The DC Department of Health, Health Regulation and Licensing Administration on behalf of the Board of Physical Therapy has approved this course for 19 contact hours, approval # DC-1068. This course has been approved by the Pennsylvania State Board of Physical Therapy, approval #PTCE001481 (4 GEN, 12 DA). This course has been approved by the Maryland Board of Physical Therapy Examiners. This course has been approved for physical therapists in the State of Delaware. NAS courses are approved in North Carolina and Virginia for continuing competency requirements for physical therapist license renewal. 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 Texas license requirements for PT, OT, PTA and ATC ceu's/ccu's, TPTA approval # 51167. This course meets the requirements for ceus for physical therapists set forth by the Oklahoma Board of Medical Licensure. 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, Washington and Wisconsin. NAS is approved by the IDPR for physical therapists licensed in the State of Illinois, provider # 216000074. This course meets the continuing education requirements for physical therapists licensed in Kentucky, 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.

# Vestibular Rehabilitation

## A Comprehensive Clinical Approach for Positive Functional Outcomes



Presented by  
**Georgia L. Groomer, PT**

North American Seminars

1-800-300-5512

Fax 1-800-310-5920

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## Day One

7:30	8:00	<b>Registration</b>
8:00	8:30	<b>Introduction- Statistics of Vestibular Disorders</b>
8:30	9:20	<b>Anatomy and Physiology of the Vestibular System</b>
9:20	9:35	<b>Break</b>
9:35	10:50	<b>Sensory and Motor Components of Balance</b>
10:50	11:00	<b>Question and Answer</b>
11:00	12:00	<b>Clinical Testing Procedures</b> <ul style="list-style-type: none"><li>• Oculomotor</li><li>• Vestibular-ocular</li><li>• Postural control (static and dynamic)</li></ul>
12:00	12:30	<b>Lunch (on your own)</b>
12:30	1:00	<b>Video Presentation</b>
1:00	2:30	<b>Categories of Vestibular Disorders</b> <ul style="list-style-type: none"><li>• Spontaneous vs. positionally provoked</li><li>• Central vs. peripheral</li></ul>
2:30	2:45	<b>Break</b>
2:45	3:15	<b>Mechanisms of Vestibular Recovery</b> <ul style="list-style-type: none"><li>• Injury, compensation and decompensation</li><li>• Adaptation, habituation and substitution</li><li>• Role of the therapist</li></ul>
3:15	4:45	<b>Benign Paroxysmal Positional Vertigo (BPPV)</b> <ul style="list-style-type: none"><li>• Cupulolithiasis vs. canalithiasis</li><li>• Differential diagnosis and treatment options</li></ul>
4:45	6:30	<b>Vestibular Rehab Evaluation</b> <ul style="list-style-type: none"><li>• Testing procedures</li><li>• Treatment plan/goal setting</li></ul>

## Day Two

8:00	10:00	<b>Vestibular Rehabilitation Evaluation Laboratory</b> <ul style="list-style-type: none"><li>• Oculomotor testing</li><li>• Balance assessment</li></ul>
10:00	12:00	<b>BPPV Laboratory</b> <ul style="list-style-type: none"><li>• Testing</li><li>• Treatment</li></ul>
12:00	12:30	<b>Lunch (on your own)</b>
12:30	1:00	<b>Video Presentation</b>
1:00	2:15	<b>Rehab Management Considerations</b> <ul style="list-style-type: none"><li>• Typical treatment progression (according to diagnosis/symptoms)</li><li>• Marketing strategies</li><li>• Reimbursement issues</li><li>• Equipment/resource ideas</li></ul>
2:15	3:00	<b>Case Studies</b> <ul style="list-style-type: none"><li>• Putting it all together - case study analysis</li><li>• Questions and answers</li></ul>



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## About the Educator

Georgia Groomer, PT, is a 1991 graduate of the University of Texas Health Science Center at San Antonio. She has specialized in vestibular program development and design since 1997. Georgia earned her certificate of clinical competency in the diagnosis and treatment of vestibular disorders in 1999. She has been an instructor with North American Seminars, Inc. since 2000 and has presented on a variety of topics to include: dizziness, balance disorders and vestibular rehabilitation. Georgia has had the opportunity to practice her unique vestibular skills and philosophies in a variety of clinical settings ranging from hospital-based outpatient facilities, multi-disciplinary regional balance centers and consultative/staff training for various medical systems and independent clinics. She is currently the sole rehab practitioner at an independent balance and hearing center, where she performs vestibular diagnostics and individualized rehabilitation services. Georgia has worked extensively to educate the primary sector of medicine in regards to the role of the rehabilitation therapists in managing dizziness and balance disorders. She has been involved at the local and national levels in campaigning efforts to improve the recognition and reimbursement of vestibular rehabilitation by third party payers. Her wide range of experience in vestibular rehabilitation and program development enables her to provide an eclectic and practical approach to treatment, as well as to teaching.

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## Why You Should Attend This Course

This two-day intermediate level course provides the fundamentals for evaluating and treating vestibular dysfunction. A basic overview of vestibular function and anatomy as well as central nervous system interaction is provided. Hands-on laboratory sessions enhance the clinician's ability to properly perform testing techniques for vestibular disorders. Quite often the "missing link" in the management of a client's complaints lies within the weakness of the vestibular system. A thorough understanding of underlying disorders assist the clinician in developing effective treatment and exercise programs to decrease symptoms and enhance balance and functional ability. Options and considerations for creating treatment plans and long-term care management strategies are thoroughly discussed.

The treatment ideas presented in this course can be applied to patients with vestibular disorders as well as to patients with limitations in balance or sensory integration. Clinicians will be able to immediately apply this information in the clinical setting.

This course is offered to physical therapists, physical therapy assistants, occupational therapists and occupational therapy assistants. An extensive laboratory component is designed to provide clinicians with skills required for the treatment of their balance and vestibular patients.

## Course Objectives

Upon completion of this course participants will be able to:

- Identify the anatomical structures responsible for perception of movement and understand their physiological functions.
- Identify the intricate connections between the vestibular, oculomotor and somatosensory systems and how they combine to maintain stability of posture and vision.
- Recognize and understand the different mechanisms of recovery of the vestibular system and how they impact the course and content of rehabilitation.
- Recognize typical vestibular disorders by symptom and category and identify critical areas for therapeutic intervention.
- Recognize the clinical significance of diagnostic tests including ENG, caloric testing, rotational testing and posturography.
- Perform evaluative procedures and assess findings (interview/history, Dizziness Handicap Inventory, oculomotor exam, visual-vestibular exam, positional testing, Motion Sensitivity Quotient, Dynamic Gait Index, static balance assessments, systems screening).
- Recognize typical presentations of nystagmus and their relevance to treatment.
- Formulate an appropriate treatment plan including measurable goals.
- Apply appropriate therapeutic exercises and procedures.

Groomer12

**Registration Form**

Vestibular Rehabilitation

Registration fee: **\$425.00**

Send tuition to: North American Seminars, Inc.

2000 Mallory Lane Suite 130-67 Franklin, TN 37067

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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.