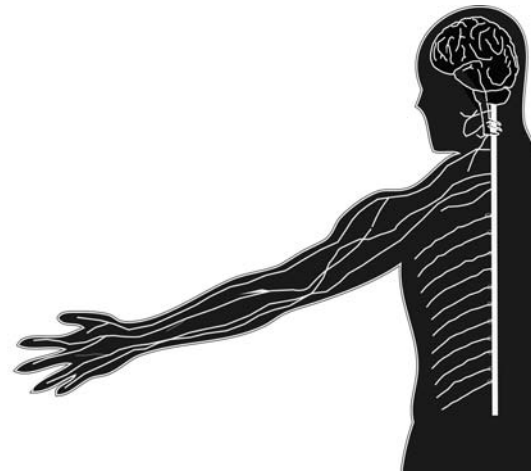


2012 Course Dates & Locations

Visit www.healthclick.com for the most current course dates and locations

A Dynamic Systems Approach to Neurological Rehabilitation

An Integrated, Evidence-Based Approach



Call 1-800-300-5512 or Go online to:

www.healthclick.com/courses/nas41.cfm for hotel and course location information.

This course is 15 contact hours/1.5 ceu

This course is 18 contact hours/1.8 ceu's for therapists licensed in Florida, North Carolina, New York, Illinois or the District of Columbia

Certificates of attendance for CEU verification are provided after successful course completion.

BOC provider #P2047 | CA Approval # PTNAS-201452
AOTA#4487 | IL Provider #216000074

This course meets the continuing education requirements for physical therapists and physical therapy assistants in the States of Alaska, Colorado, Connecticut, Idaho, Indiana, Massachusetts, Missouri, Montana, New Hampshire, New Jersey, North Carolina, Oregon, Rhode Island, Utah, Vermont, Virginia, Washington and Wisconsin. This course is approved by the MD Board of Physical Therapy Examiners. This course is approved for physical therapists in the District of Columbia #DC-1073. NAS courses are approved in North Carolina for continuing competency requirements for physical therapist license renewal. This course has been approved by the Delaware Board of Physical Therapy. This course meets the requirements set forth by the Pennsylvania State Board of Physical Therapy, PTCE001467 (8 GEN, 7DA). 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. NAS is approved by the IDPR for physical therapists and assistants licensed in the State of Illinois-IL Provider #216000074. This course meets the CEU requirements set forth by the OPTA for therapists licensed in Ohio, approval #11S0758. This course meets the ceu requirements set forth by the Washington State Occupational Therapy Practice Board. West Virginia Physical Therapy approval # NAS-F12-02. This course meets the ceu requirements specified in the Utah Physical Therapy Practice Act Rule. This course meets the continuing education requirements for OT license renewal in the State of California. 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-201452. The Nevada Board of Physical Therapy Examiners has approved this course for 1.5 continuing education units. FL OT Provider number 50-1442. 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.

Presented by
Jennifer Goff,
MSPT, NCS, CLT, CVT

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	The concepts of a dynamic systems approach • Theories of neurological rehabilitation • Neuroplasticity • Motor learning
8:30	10:30	The nervous system (lecture/lab) • Central and peripheral functions • Manual and sensory cues to enhance functional mobility • Rehabilitation concepts: PNF, NDT, forced use, learning styles disease process of CVA, Parkinson's, MS and Post-polio
10:30	10:45	Break
10:45	11:15	Nervous system continued
11:15	12:00	The musculoskeletal system (lecture/lab) • Muscle tone • ROM and strengthening • Modalities • Manual therapy
12:00	12:30	The cardiovascular system (lecture/lab) • Conditioning concepts for neurologically impaired individuals
12:30	1:30	Lunch (on your own)
1:30	2:00	The vascular and lymphatic system (lecture/lab) • Edema management for neurological patients
2:00	2:30	The enteric system (lecture/lab) • Nutrition, digestion, elimination: constipation and incontinence • Taste, mastication and swallowing
2:30	3:00	The olfactory system (lecture/lab) • Memory, arousal • Aroma therapy
3:00	3:30	The auditory system • Noise and health • Sound therapy
3:30	3:45	Break
3:45	4:15	The visual system (lecture/lab) • Focus • Depth perception
4:15	5:00	The vestibular system (lecture/lab) • Visual motor • Motion sensitivity • Balance

Day Two

8:00	9:00	The mind (lecture/lab) • Limbic functions • Visualizations
9:00	10:30	Complimentary concepts to neurological rehabilitation (lecture/lab) • Meditation/mindfulness based relaxation • Yoga • Qi Gong/Tai Chi • Acupuncture
10:30	10:45	Break
10:45	12:00	Forming care plans from dynamic systems approach (lecture/lab) • Modified Nagi model • Goals and documentation • Case study - lab
12:00	1:00	Lunch (on your own)
1:00	3:00	Specific needs and treatment approaches • CVA • Parkinson's
3:00	3:15	Break
3:15	4:30	Specific needs and treatment approaches • Multiple Sclerosis • Post-polio Syndrome
4:30	5:00	Questions and Answers

Call 1-800-300-5512 or Go online to:

www.healthclick.com/courses/nas41.cfm for hotel and course location information. Future course dates & information are added week



About the Educator

Jennifer Goff, MSPT, NCS, CLT, CVT obtained her BSPT at Northern Arizona University in 1989 and her MSPT at Rocky Mountain University in 2003. She is Board Certified in Neurology. She is certified in the fields of vestibular rehabilitation, lymphedema and venous management, and NDT. She has pursued advanced instruction in PNF, manual therapy, wound care, urinary incontinence, and motor control and motor learning. She has been a clinical instructor for 9 years. She has completed over 150 hours of education in alternative medicine practices as well as self-study in the arts of Eastern Medicine Philosophies, Acupuncture and Shiatsu, Qi Gong, Tai Chi, Yoga, Reflexology, Rieki, Aikido, Healing Touch and Meditation.

Ms. Goff has been a PT for 21 years spending most of her career treating patients with neurological deficits. She has been active in stroke, vestibular and Parkinson's support groups. Her efforts in a restraint reduction and fall prevention program won an award from the Idaho Best Practices Committee. Throughout her career she has been a strong advocate for patient health and wellness within multiple settings of health care.

Home Study

The Interactive Shoulder Algorithm™ version 3.0 home study and reference tool provides clinicians with a step-by-step process to effectively evaluate the shoulder complex for orthopedic dysfunction. Therapists will significantly increase the efficiency of their examinations by mastering the information in this teaching tool. Effective rehabilitation programs can be developed by the clinician through greater understanding of the testing sequence and the anatomical implications of the tests. The experienced clinician can utilize this software to obtain a master level understanding of shoulder testing procedure.

Each test segment detailed in the software covers critical pathways, position of the patient, position of the clinician, position of the clinician's hand, direction of movement of body part, tissues implicated, indications of a positive test and amount of force to be applied.

Twenty-nine tests for shoulder evaluation are clearly defined through digital video, 3D animation and biomechanical motion. George Davies, DPT, MED, PT, SCS, ATC, LAT, CSCS, FAPTA provides narration and technique demonstration in each video. Basic anatomy of the shoulder is also explored. The software is \$116.96 if purchased with registration (regularly \$129.95). For an additional \$75, 10.5 hrs. 1.05 CEUs can be obtained from the submission of the enclosed post test. Multiple therapists may obtain CEU's from one software purchase. This software is guaranteed to meet your satisfaction. Requires Windows XP, Vista, Windows 7 or MAC OS X, CDROM drive, 128 MB RAM, 15MB hard drive space. The software runs off the CD and can be easily moved to different computers. See www.healthclick.com for additional details.

NAS is approved by the IDPR to provide ceus for PT's licensed in Illinois. IL PT provider #216000074. This course meets the continuing education requirements for physical therapists in the States of Alaska, Colorado, Connecticut, Idaho, Indiana, Massachusetts, Missouri, Montana, New Hampshire, New Jersey, New York, North Carolina, Oregon, Rhode Island, Utah, Vermont, Virginia, Washington and Wisconsin. This course has been approved for ceu approval by the Maryland Board of Physical Therapy Examiners for 10.0 hrs, 1.0 CEU's. This course meets the requirements for physical therapists in the State of Virginia. This course is approved for 12.5 hrs, 1.25 CEU's in Illinois, New York and North Carolina. The course meets the requirements set forth by the Pennsylvania State Board of Physical Therapy for 10.5 hours. (5 hrs GENERAL, 10 hrs DIRECT ACCESS), approval PTCE0001458. 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. 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 10.5 hrs, 1.05 CEU's for physical therapy continuing competency license renewal requirements in the State of California, approval #PTNAS-201481. Approved for 10.5 hrs, 1.05 CEU's. The Interactive Shoulder Algorithm meets the ceu requirements for physical and occupational therapists licensed in Ohio. Approved for 12.5 hours/1.25 CEU's for FL, NV, IL, DC. West Virginia 2012 approval # NAS-F12-05, DC PT approval # DC-1072.

Why You Should Attend This Course

This two-day intermediate level course is a comprehensive presentation focusing on rehabilitation for the neurological patient. Lecture and lab will be combined to cover many topics using a dynamic systems approach. The basic concepts of PNF, NDT, motor learning, forced use, sensory and manual cueing, and the promotion of neuroplasticity will be reviewed. The causes of and treatment for altered muscular tone will be explored. The clinician will learn how the sensory systems affect motor performance and will be given exercise protocols to enhance motor outcomes using each system. Detailed information will be provided on how to utilize one system to help heal another. The course will cover therapeutic approaches for the neurological patient for: strengthening, conditioning, balance, coordination, functional mobility, edema management, incontinence and constipation. Complimentary approaches including yoga, Tai Chi, Qi Gong, acupuncture, meditation and visualization will be thoroughly discussed.

The disease processes, current research and treatment protocols for the special needs of patients with CVA, Parkinson's, Multiple Sclerosis, and PostPolio Syndrome will be covered. The clinician will leave this course with many exercise protocols specific for these diagnoses and will also be able to take the knowledge learned and immediately apply it to a full spectrum of neurological patients.

Course Objectives

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

- Understand the concepts and theories that lead to dynamic systems approach to neurological rehabilitation.
- Describe the process of neuroplasticity and demonstrate techniques to enhance the ability to maximize the concepts of neuroplasticity in progressive rehab programs.
- Understand how each system is intricately related to each other and develop treatment programs to utilize one system to benefit the other.
- Develop exercise components to enhance motor control, movement patterns and motor learning in the neurological patient.
- Utilize specific techniques to develop treatment programs for hypertonicity, myoplastic hyperstiffness, rigidity, strengthening and mobilization for the neurological patient.
- Incorporate the appropriate cardio-pulmonary conditioning training for specific neurological disorders.
- Properly evaluate the difference between vascular disorders and edema and perform appropriate treatment protocols.
- Develop exercise protocols that assist with enhancing depth perception, focus, environmental awareness, visual-motor control and balance in the neurological patient.
- Develop exercise programs to assist with incontinence and constipation.
- Incorporate mind-body exercises such as yoga, Qi Gong, Tai Chi acupressure and mediation into treatment programs for increased functional outcomes.
- Utilize a modified version of the Nagi Model to assess patients, set up specialized treatment plans and goals.

Goff12

Registration Form

A Dynamic Systems Approach to Neurological Rehabilitation

Course Tuition: \$399
\$515.96 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 _____

Address _____

City _____ State _____ Zip _____

Credit Card _____

Exp.date _____ Phone (required) _____

e-mail (required) _____

Location of attendance _____

