

A Dynamic Systems Approach to Neurological Rehabilitation

An Integrated, Evidence-Based Approach



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

This course is 15 contact hours/1.5 ceus/15 ccu's

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

PT, OT, PTA and AT - Continuing Education Course

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

This course is 15 contact hours/1.5 ceus/15 ccu's

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

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

This course is applicable for PT, PTA, OT, OTA, AT. This course meets the continuing education requirements for physical therapists in the States of AK, AL, CO CT, DE, DC, ID, IN, MA, MO, MT, NH, NC, OR, RI, SC, UT, VT, VA, WA, WI and WY. IL PT provider #216000074. This course meets the Colorado Physical Therapy Board of Examiners criteria for 15 hours, 15 Category-1 PDA points. 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. This course meets the ceu requirements specified in the Utah Physical Therapy Practice Act Rule. 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 activity is provided by the Texas Board of Physical Therapy Examiners Accredited Provider # 1907038TX** and meets continuing competence requirements for physical therapist and physical therapists assistant licensure renewal in Texas for 15 ccu's. **North American Seminars, Inc. is an AOTA provider for continuing education, provider #4487.** AOTA approval hours are 15. The AOTA does not endorse specific course content, products or clinical procedures. The AK, AR, DE, DC, IL, IN, KY, LA, MD, MN, MS, MO, MT, OH, OR, OK, PA, RI, SC, TN, TX, VT and VA occupational therapy regulatory boards accept courses presented by AOTA providers to meet the needs of OT continuing educational requirements. Additionally, this course meets the ceu requirements for OT's licensed in AL, AZ, CA, CO, CT, FL, GA, HI, ID, KS, ME, MA, MI, NE, NJ, ND, UT, WA, WV, WI and WY. Meets the NBCOT requirements. **BOC provider # P2047,** 15 hrs, category A, call for evidence-based approval status. Meets the NBCOT requirements. **Call 800-300-5512 for specific state approval numbers as they are continually updated.**

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
10:30	10:45	Break
10:45	12:00	Rehabilitation Concepts • PNF, NDT, forced use, and learning styles to promote improved functional outcomes • Documentation and coding examples
12:00	1:00	Lunch (on your own)
1:00	2:30	The Musculoskeletal System (lecture/lab) • Muscle tone • ROM and strengthening • Modalities • Manual therapy
2:30	3:15	The Cardiovascular System (lecture/lab) • Conditioning concepts for neurologically impaired individuals • Exercise affect on cardio/pulmonary system
3:15	3:30	Break
3:30	5:00	The Vascular and Lymphatic System (lecture/lab) • Edema management for neurological patients • Exercise and manual techniques to promote edema management

Day Two

8:00	9:00	The Enteric System(lecture/lab) • Nutrition,digestion, elimination: constipation and incontinence • Taste, mastication and swallowing
9:00	10:00	The Olfactory System (lecture/lab) • Memory, arousal • Aroma therapy The Auditory System • Noise and health • Sound therapy The Visual System (lecture/lab) • Focus • Depth perception
10:00	10:15	Break
10:15	10:45	The Vestibular System (lecture/lab) • Visual motor • Motion sensitivity • Balance
10:45	12:30	The Mind (lecture/lab) • Cognitive rehab strategies • Visualizations Complimentary Concepts to Neurological Rehabilitation (lecture/lab) • Yoga • Chi Gong/Tai Chi • Acupuncture • Meditation
12:30	1:00	Lunch (on your own)
1:00	1:30	Forming Care Plans from Dynamic Systems Approach (lecture/lab) • Modified Nagi model • Review of documentation and coding
1:30	3:00	Specific Needs and Treatment Approaches • CVA • Parkinson's
3:00	3:15	Break
3:15	4:15	Specific Needs and Treatment Approaches • Multiple Sclerosis • Post-polio Syndrome
4:15	4:30	Questions and Answers



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

www.healthclick.com

For hotel and course location information. Future course dates & information are added weekly

© Copyright 2018, North American Seminars, Inc. All images, layout and content on this brochure are the sole property of North American Seminars, Inc. Healthclick™ and The Healthclick Medical Course Series™ are the trademark of NAS, Inc.

About the Educator

Jennifer Goff MSPT, NCS, CLT, CVT has been a physical therapist for over 26 years. She obtained her BSPT at Northern Arizona University and her MSPT at Rocky Mountain University. She is Board Certified in Neurology. She has been certified in the fields of vestibular rehabilitation, lymphedema and venous management, and Neurodevelopmental Treatment. 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 11 years. She has completed over 250 hours of education in alternative medicine practices as well as self-study in the arts of Eastern Medicine Philosophies, Acupuncture and Shiatsu, Chi Gong, Tai Chi, Yoga, Reflexology, Reiki, Aikido, Healing Touch, and meditation. She currently works in a private practice setting treating patients with limitations due to trauma, pain, and neurological deficits. She also acts as an educational consultant, with training expertise in a wide variety of topics. She has been active in stroke, vestibular, and Parkinson’s support groups. Throughout her career she has been a strong advocate for patient health and wellness within multiple settings of health care.

Recommended Home Study Earn additional ceu’s **Vestibular Rehabilitation Examination & Treatment DVD**

- An advanced educational program featuring examination and treatment techniques associated with vestibular rehabilitation.
- Step-by-step discussion of twenty-eight vestibular examination techniques.
- Twenty-three treatment techniques, including BPPV and Oculomotor-Central techniques are detailed with expert narration.
- Expert Narration by Barry Morgan, PT.
- High quality, professional video production.
- Educate yourself and share the DVD with other professionals for a group savings on CEU credit hours, see website for details.

A great resource tool. Learn more, view video samples and check state ceu approvals at:

Visit www.healthclick.com &
Select Online Courses from the main menu

Why You Should Attend This Course

This two-day intermediate level course is a comprehensive presentation on rehabilitation for the neurological patient. Lecture and lab will be combined to cover many techniques that promote neuroplasticity and functional recovery from neurological injury and disease. The concepts of facilitatory and inhibitory techniques, 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 multiple body systems affect motor performance and will be given exercise protocols to use to enhance functional outcomes using each system. 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, Chi Gong, acupressure, meditation, and visualization will be included.

The disease processes, current research, and treatment protocols for the special needs of patients with CVA, Parkinson’s, Multiple Sclerosis, and Post Polio Syndrome will be covered. The clinician will leave this course with many exercise protocols specific for these diagnoses but will also be able to take the knowledge learned and immediately apply it to a full spectrum of neurological patients. The clinician will be given treatment protocols and will be able to perform exercise concepts for multiple body systems to create movement, enhance motor control, and motor learning in neurological patients. In depth discussion for documentation and coding will be reviewed to assist with proper reimbursement.

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.
- Combine Imagery and visualization to create movement strategies,
- Use current standardized tests and measures to evaluate patients, set up treatment plans, write goals and improve documentation to show systematic progression with measurable outcomes with neurological patients.

Goff18

A Dynamic Systems Approach to Neurological Rehabilitation

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.

Fiore 17

Name _____ Profession _____

Home Address _____

City _____ State _____ Zip _____

Credit Card _____

Exp.date _____ CW _____ Phone _____

e-mail _____

Location of attendance _____

All this information is required in order to process a registration