

2012 Course Date & Location

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Recommended Course Related Resource

The Interactive Shoulder Algorithm™ new 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 CEU's can be obtained from the submission of the enclosed post test. Multiple therapists may obtain CEUs from one software purchase. This software is guaranteed to meet your satisfaction. Requires Windows Windows XP or Windows 7 or MAC OSX CDROM drive, 128 MB RAM, 15MB hard drive space. The software runs off the CD and can be easily moved to different computers. Call for multiple CEU test pricing.

This course is approved for 10.5 hours/1.05 CEU's/CCU's for physical therapists in the States of Alaska, California, Colorado, Connecticut, Delaware, District of Columbia, Idaho, Illinois, Indiana, Massachusetts, Missouri, Montana, New Hampshire, New Jersey, North Carolina, Oregon, Oklahoma, Pennsylvania, Rhode Island, Texas, Utah, Vermont, Virginia, Washington and Wisconsin. PA Approval #PTCE01458 (SGEN, 10DA), California Approval #PTNAS-201481, DC approval# DC-1072. This course has been approved for ceu approval by the Maryland Board of Physical Therapy Examiners for 10 contact hours/1.0 CEU's. West Virginia Board of Physical therapy approval # NAS-F12-05. NAS is approved by the IDPR to provide ceus for PT's licensed in Illinois. IL PT provider #216000074. For therapists licensed in FL, NY, IL, DC or NC, this course is 12.5 contact hours/1.25 CEU's. 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.

Orthopedic Management of the Neurologically Involved Shoulder

An Evidence Based Approach



Presented by
Kimberly A. Contryman,
PT, DPT, NCS, OCS

North American Seminars, Inc.

1-800-300-5512

Fax 1-800-310-5920

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		Day One			Day One, cont'd
7:30	8:00	Registration	3:45	4:30	Patient Evaluation
8:00	8:30	Introductions/Principles and Concepts			<ul style="list-style-type: none"> Evidence based practice Special tests for the shoulder Lab: Impingement, capsuloligamentous integrity, labral tears
8:30	9:00	Case Study	4:30	5:30	Strengthening-Why Not? (Lecture/Lab)
		<ul style="list-style-type: none"> Assess trunk, shoulder and scapula alignment Determine possible disabilities Prioritize and create a treatment plan addressing shoulder malalignments 			<ul style="list-style-type: none"> Trunk Scapular stabilizers Rotator cuff
9:00	9:30	Movement Analysis Model	5:30	6:00	Treatment Strategies
		<ul style="list-style-type: none"> Define the movement analysis model Describe how to use this model with patients, specifically with shoulder dysfunction Demonstrate analysis of movement on a "normal" shoulder 			<ul style="list-style-type: none"> Neurologic treatment Orthopedic treatment Creating a neurological and orthopedic treatment approach
9:30	10:30	Movement Analysis (Lab)	6:00	6:15	Review/Questions
10:30	10:45	Break	8:00	8:30	Day Two
10:45	12:00	Relating Components of Neurology with Orthopedics	8:30	10:00	Questions/Review of Common Patient Presentations
		<ul style="list-style-type: none"> Structures of the shoulder girdle Spinal tracts and their role Components of the brain 			Joint Mobilization From Both an Orthopedic and Neurologic Perspective (Lecture/Lab)
12:00	1:00	Lunch (on your own)	10:00	10:15	<ul style="list-style-type: none"> Spine Scapula Humerus
1:00	2:00	Evidence Based Practice	10:15	11:00	Break
		<ul style="list-style-type: none"> Definition Salbach, NM Article Keane-Miller Article 			Soft Tissue Mobilization (Lecture/Lab)
2:00	2:30	ICF Model			<ul style="list-style-type: none"> Rationale and objectives Techniques for the upper trapezius, subscapularis Assessment of treatment
		<ul style="list-style-type: none"> Define the concept of the model Utilization of the ICF model in the clinical setting Specific patient examples in relation to the model 	11:00	12:00	Taping (Lecture/Lab)
2:30	3:00	Function of the Shoulder Girdle			<ul style="list-style-type: none"> Kinesiotaping Orthopedic taping
		<ul style="list-style-type: none"> Structural relationships of the shoulder girdle to the spine Sensory input relationship to motor output Cognition and its role 	12:00	1:00	Lunch (on your own)
3:00	3:15	Break	1:00	2:00	Relating Components of Neurology with Orthopedics (Lecture/Lab)
3:15	3:45	Common Presentations of a Neurologically Involved Shoulder			<ul style="list-style-type: none"> Radial Ulnar Median
		<ul style="list-style-type: none"> Malalignments of the shoulder to the spine Synergistic patterns of the upper extremity Movement patterns 	2:00	3:00	Patient Application
			3:00	3:30	Review/Questions

About the Educator

Kimberly A. Contryman, PT, DPT, NCS, OCS earned her masters of physical therapy in 1991 from Northern Arizona University. She was NDT certified in 1995, received her certification as a neurology specialist by the APTA in 2000 and received her certification as an orthopedic specialist in 2002. In May of 2002 the University of Southern California awarded Kim a doctorate of physical therapy. She received the Order of the Golden Cane, which is the highest honor awarded to graduates who demonstrate outstanding accomplishments in a variety of professional areas. While in her doctoral program at USC, Kim worked as an assistant instructor in the DPT program at the university as well as treating physical therapy patients. Dr. Contryman was awarded the Outstanding Mentorship Award for her exceptional skill in assisting students to master difficult curricular content. Throughout her career, Dr. Contryman's primary focus in physical therapy has always been on providing both inpatient and outpatient rehabilitation. In addition to hands-on physical therapy, Dr. Contryman was a clinical manager for over five years. Kim received the 5-Star Award given to outstanding employees within that health system. Kim is frequently a guest lecturer and is involved in teaching at various colleges within her geographical area. Neurology and orthopedics form an important part of Dr. Contryman's background. Her expertise includes all forms of orthopedic and neurological diagnoses including traumatic head injuries, cerebral vascular accidents, pathological conditions, orthopedic insults and postsurgical care. Presently, Dr. Contryman owns Blue Ridge Physical Therapy where she treats a diverse population of patients with a variety of diagnoses focusing on orthopedic and neurological insults. Kim demonstrates a hands-on approach individualized to each patient rather than to each diagnosis.

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Why You Should Attend This Course

This two-day intermediate level course provides a thorough evidence based analysis of evaluation and treatment of the neurologically involved shoulder. The concepts and principles demonstrated in this course enhance both the clinician's knowledge base and hands-on skills. This course enables the clinician to identify impairments in alignment, movement patterns, musculoskeletal dysfunctions and potential pain producers. Course instruction is enhanced by extensive hands-on practice of the treatment approaches for soft tissue, joint and neural mobilization and taping techniques. These techniques can also be applied to a multitude of impairments such as CVA, spinal cord, traumatic brain injury, peripheral nerve injuries as well as orthopedic pathologies and status post surgeries. The interactive lecture and laboratory sessions prepare the medical professional to identify effective rehabilitation procedures for safe therapeutic management. Lab exercises and case studies also demonstrate the utilization of the Disablement Model, particularly the ICF model. The incorporation of physiological and accessory movement and the unique combination of the techniques used for treatment in this class ultimately result in increased range of motion and overall achievement of positive functional outcomes. This course material assists the clinician in becoming more efficient with diagnosing, documenting, communicating and progressing the patient to a more functional level. Literature supporting these concepts and techniques is presented throughout the course to provide clinicians the information necessary to practice evidence-based medicine.

Clinicians can immediately apply this information to develop comprehensive evaluation and treatment programs for the neurologically involved shoulder.

Course Objectives

Upon completion of this course participants will be able to:

- Properly evaluate and develop appropriate treatment programs for the neurologically involved shoulder.
- Assess and develop treatment programs for specific musculoskeletal restrictions in the neurologically involved shoulder.
- Identify, assess and treat potential pain producers in the neurologically involved shoulder.
- Describe the movement analysis model in relation to shoulder complex motion.
- Identify normal and abnormal shoulder mechanics relative to functional tasks.
- Demonstrate manual skills to include soft tissue, neural and accessory joint mobilization.
- Perform shoulder taping techniques to enhance the patient's functional level.
- Document and communicate progress in the patient's rehabilitation as necessary for insurance reimbursement, patient satisfaction and quality physical therapy programs.
- Provide appropriate evidence for performance of therapy services on patients.
- Demonstrate awareness of how to perform a literature review and find the necessary information for substantiating treatments and assisting with decision making.

Certificates of attendance are provided upon successful completion of the course.

This course is 15.0 contact hours/1.5 CEUs

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

CA Approval #PTNAS-201445 | IL Provider #216000074 | AOTA Provider #4487 | BOC provider #P2047/FL OT Provider # 50-1442

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. 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 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 ceu requirements set forth by the DC State Board of Physical Therapy approval # DC-1121. This course has been approved by the Pennsylvania State Board of Physical Therapy, approval # PTCE001466 (15GEN). This course has been approved for physical therapists in the State of Delaware. NAS courses presented in Illinois are approved by the IDPR for physical therapists. IL PT provider #216000074. This course meets the ceu requirements for licensed physical therapists and assistants in Florida, approval #CM120417653. FL OT approval #50-1442. This course meets the Texas license requirements for PT, OT, PTA and ATC ceu's/ccu's. TPTA approval # 51166A. This course meets the requirements for ceus for physical therapists set forth by the Oklahoma Board of Medical Licensure. 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-201445. This course can be used for continuing education competency for license renewal for OT's 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. BOC provider # P2047.

contryman12

Registration Form

Orthopedic Management of the Neurologically Involved Shoulder

Course Tuition: \$350- with shoulder software \$466.96

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 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.