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This course is 15.0 contact hours, 1.50 ceus, 15 ccu's This course is 18 contact hours, 1.8 ceu's for therapists licensed in Illinois. New York or the District of Columbia.

#### BOC provider #P2047 | AOTA Provider #4487

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.

# Comprehensiv Management o the Elbow, Wris and Hand

for Successful Functional Outcome



PT, OT, PTA, AT-Continuing Education Course

ve of	7:30 8:00		Day One Registration Aspects of Hand Function (Lecture) • 5 concepts that you need to know • Distal upper extremity function, 3 jaw	3:45		Day One (continued) Common Elbow Injuries (Lect/Lab) • Lateral epicondylitis • Medial epicondylitis
st	9:00	10:00	<ul> <li>pinch, tip to tip pinch</li> <li>Upper Extremity Anatomy Relating to</li> <li>Function, Clinical Concepts (Lecture)</li> <li>Biomechanics of MP, PIP, and DIP</li> <li>phanlanx carpals, forearm and elbow</li> <li>Carpal Bio-mechanics</li> <li>Elbow Bio-mechanics</li> </ul>	5.00	6.00	<ul> <li>Provocative test for common elbow injuries radial head fractures/ surgical intervention</li> <li>Treatment concepts to improve outcomes</li> <li>Ligament injuries of the elbow</li> </ul>
	10:00	10:15	Break	5:00	6:00	Surgical Procedures/Case Studies
es	10:15		Understanding Common Injuries of the Elbow, Wrist & Hand (Lecture)			Day Two
			<ul><li>Elbow motion-injury-rehab</li><li>Hand motion-injury-rehab</li></ul>	8:00	9:00	Edema Management Strategies
			Wrist motion-injury-rehab			(Lecture)
	11:00	12:00	Anatomical Landmark (Lab)			<ul> <li>Review of the physiology</li> </ul>
			<ul> <li>How to assess complex and common</li> </ul>			of the inflammation process
			injuries of the upper extremity			<ul> <li>Current treatment for edema/case</li> </ul>
			Carpal bones, palpation techniques	0.00	10.00	studies
			<ul> <li>Scapho-lunate, lunate triquetrum, common ligament injury sites</li> </ul>	9:00	10:00	Tendon Repair Flexor and Extensor Tendons (Lecture)
			• TFCC, location and understanding the			• Anatomy
			structure and function			Evaluation
			<ul> <li>CMC, ulnar collateral joint</li> </ul>			Treatment considerations
			<ul> <li>Medial-Lateral elbow structures,</li> </ul>			Surgical approach to tendon repairs
	12.00	1.00	radial head			• Review of splinting approaches for
	12:00 1:00		Lunch (on your own) Provocative Testing-Applied			tendon repairs
	1.00	1.50	Assessment Skills (Lab)	10:00	10:15	Break
			• Assessment skills	10:15	11:00	
			<ul> <li>Elbow test, TFCC test and Arthritic</li> </ul>			<ul> <li>Review of nerve structure</li> </ul>
			test			Classification of nerve injuries
	1:30	2:00	Fracture of the Hand, Carpals			<ul> <li>Conservative and surgical</li> </ul>
			Healing of Fracture (Lecture)	11,00	11.20	intervention
			<ul> <li>Conservative/surgical interventions rehabilitation</li> </ul>		11:30 12:15	
			Soft tissue injuries of the hand	11.50	12.15	Provocative nerve compression test
			• Ligament injuries of the MP, PIP			Lab median nerve compression sites
			<ul> <li>Conservative treatment of ligament</li> </ul>			Ulnar nerve compression sites
I.Ed			injuries of the hand and wrist			Radial nerve compression sites
1.LM	2:00	3:30	Surgical Procedures of the Wrist	12:15	12:45	
			Injuries • Scapho-lunate ligament repair			<ul> <li>Practical evaluation techniques</li> </ul>
)			rehabilitation			<ul> <li>Common pitfalls with exams</li> </ul>
			TFCC repair rehabilitation	12:45		Break
			<ul> <li>ECU sheath repair rehabilitation</li> </ul>	1:00	2:15	Clinical Pearls and Recommended
	3:30	3:45	Break			Resources
				245	2.45	Upper extremity literature review
			orth American Seminars, Inc. All images, layout and content on this	2:15	3:15	Case Study/Setting Your Clinical
rse	brochure	brochure are the sole property of North American Seminars, Inc. Healthclick™ and The				Treatment Plans

3:15

3:30

**Review/Questions** 

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### About the Educator Edward Fiore, OTR/L, CHT, M.Ed, CET, is a

Certified Hand Therapist with over 20 years of experience in all areas of rehabilitation, with specialization in orthopedic management. Treatment specialization includes overuse syndromes, nerve compression, splint fabrication, tendon repairs and fractures of the upper extremity. The instructor also has specialized training with ergonomic job-site analysis. Mr. Fiore currently works for a private corporation and resides outside Charlotte, NC. He holds a Masters Degree in Education, with specialization in education technology. Mr. Fiore has lectured on management of common hand injuries, nerve compression and overuse syndromes. Over the past several years, he has instructed therapists on upper extremity evaluation and treatment. Mr. Fiore has had the distinct privilege of presenting at the Joint Session for American Society of Hand Therapists and the American Society for Surgery of the Hand. He has also presented to the Florida Hand Society at several annual meetings.

# Why You Should Attend This Course

This unique intermediate level course has been designed by an instructor that has worked closely with fellowship trained hand surgeons. This course will provide the medical professional with information needed to effectively evaluate and treat conditions of the elbow, hand and wrist through advanced clinical algorithmic solving. This course offers an in-depth look into the fascinating anatomy of the upper extremity. Specific complex case studies were selected to review treatment options of the elbow, wrist and hand and will be followed by in-depth discussion of the various rehabilitation approaches. This course will also provide information that will improve outcomes by providing information on how to build a cutting-edge upper extremity therapy program. Topics that will be discussed include: soft tissue injuries, flexor and extensor tendon repair and rehabilitation, edema management, scar remodeling, the stiff hand, fractures, splinting concepts and arthritis. Surgical considerations and techniques will be presented to assist the clinician with the development of a thorough treatment program. Special attention is provided to "clinical pearls," tips for the clinician in managing complex wrist and hand disorders. This course has been designed for the therapist to immediately apply the information in the clinical setting. This course is applicable for PT, PTA, OT, ATC.

### **Course Objectives**

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

- Describe detailed aspects of the anatomy and biomechanics of the elbow, wrist and hand.
- Describe the correlation between the functional anatomy of the upper body and current surgical procedures to develop comprehensive therapeutic rehabilitation programs.
- Describe carpal and phalanx fractures and understand treatment of both conservative and surgical intervention.
- Identify the 3 phases of healing tissue and describe how clinical protocols are predicated on the stages of tissue healing.
- Perform a thorough examination of the distal upper extremity, integrating biomechanical assessment with clinical problem solving.
- Develop assessment techniques and treatment strategies of the elbow, wrist and hand to include soft tissue injuries, fractures, flexor and extensor tendon injuries, nerve compression and common arthritic problems.

Certificates of completion will be provided upon successful completion of the course.



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District of Columbia