COURSE DATE: Order Anytime - Earn CEUs at your personal computer on your schedule.

TITLE: Wisconsin Hand Experience - Encore Digital Presentations: DVD or Flash Drive
Current Topics in Upper Extremity Orthopedics: State of the Art in Research and Practice

DESCRIPTION:
Experts in upper extremity treatment provide a comprehensive exploration of critical elements of upper extremity orthopedics. Topics include stability and mobility following digital fractures, prehension and expectations for thumb injuries, complexities and complications of distal radius fractures, therapy and rehabilitation following wrist, elbow and shoulder fractures, and evaluation and treatment strategies for the cervical spine. A cadaveric presentation demonstrates anatomy and the techniques used for managing orthopedic injuries with unparalleled clarity.

LEARNING OUTCOMES:

• Identify when a fracture of the distal radius is more likely to lead to long-term complications
• Define the tridimensional nature of carpal motion
• Explain the relationship between carpal kinematic and kinetic dysfunction and common diagnoses
• Identify carpal motion deficits and consider integration of joint specific techniques as part of the treatment plan
• Differentiate between dart throwers plane of motion and anatomical wrist flexion and extension
• Explain carpal kinematics present in wrist flexion and extension and dart throwers motion
• Select the appropriate form of exercise to regain wrist stability and wrist balance
• Choose from a variety of sensorimotor activities to enhance wrist stability
• Define the terrible triad injury as well as other significant elbow fracture dislocations
• Identify factors that may delay elbow postoperative mobilization
• Identify elbow injuries within a “stability spectrum”
• Explain early assessment and therapy management for common elbow instability patterns
• Identify the important anatomical structures that contribute to elbow stability
• Identify the causes of “over-stability” or stiffness
• Provide treatment methods, orthoses, and appropriate dosages to optimize motion and functional upper extremity use
• Define typical approaches for wrist and elbow surgery while considering nerve pathways
• Define the concept of total available motion and identify glenohumeral (GH) rotational imbalances
• Identify recommendations for the treatment of GH internal rotation deficit
• Identify the best strengthening exercises for rotator cuff and scapular musculature based on EMG studies
• Explain the role of posture as it pertains to shoulder health
• Explain the “squeeze your shoulder blades” concept and if this is the right advice to give your clients
• Explain the pertinent anatomy of the cervical spine
• Define the signs and symptoms of cervical radiculopathy and how to differentiate it from peripheral entrapment neuropathies of the upper extremity
• Explain how electro diagnostic testing can aid in the diagnosis and differentiation of cervical radiculopathy and neuropathies of the upper extremity

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• Describe normal and abnormal osteokinematics and arthrokinematics of the cervical spine and scapulae thoracic complex
• Identify evidenced based treatment techniques to address pathology of the cervical spine and scapulae thoracic complex
• Define terminology used to identify the scapulae thoracic complex

Faculty (Include credentials):
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LEVEL: Intermediate to Advanced

AUDIENCE: OTs, OTAs, PTs, PTAs, and certified hand therapists

Domain of OT: Client Factors and Performance Skills

Occupational Therapy Process: Evaluation, Intervention, and Outcomes

Course # 11418

Standard Price $495

CEU’s / Clock Hours: 1.15 CEU’s (11 hours, 30 Minutes Clock Hours)

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