



Webcast Presentation Wisconsin Hand: Treatment of Nerve and Tendon Injuries: Optimizing Clinical Reasoning and Intervention

October 1, 2017 - October 31, 2017

DESCRIPTION

University of Wisconsin-Milwaukee College of Health Sciences presents an encore Webcast of the Wisconsin Hand Experience: Treatment of Nerve and Tendon Injuries: Optimizing Clinical Reasoning and Intervention Strategies. The presentations feature evidence-based information targeting medical interventions for wrist and hand injuries, holistic patient needs, and pre- and post-operative outcomes. Experienced surgeons and therapists will share their treatment strategies complemented by cadaver dissections and question and answer sessions.

FACULTY

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CONTENT FOCUS

Domain of OT: Performance Skills
 Occupational Therapy Process: Evaluation, Intervention, and Outcomes

LEARNING OUTCOMES

- Cite the overall structure of the carpus and distal forearm
- Describe the osteokinematics and arthrokinematics of wrist motion
- Cite the major muscular drive to wrist motion
- Identify the consequence of radial nerve injury on grasp
- Define various diagnoses of tendon pathology of the hand and wrist
- Outline treatment plans for tendon pathology of the hand and wrist
- Describe how to perform a comprehensive evaluation of the wrist with a focus on tendon pathology
- Explain differential diagnoses for wrist pain and underlying conditions that contribute to tendon pathology
- Identify treatment techniques for wrist tendinopathy and tenosynovitis
- Identify the anatomy of hand and wrist tendons and their associated tendon sheaths
- Identify tendons commonly involved in painful conditions treated by hand surgeons and hand therapists
- Describe surgical procedures frequently performed to treat tendinopathies in the hand and wrist
- Identify the key anatomical components of the brachial plexus and thoracic outlet
- Describe potential points of compression and entrapment
- Describe the advantages of each approach to thoracic outlet problems including standard transaxillary, supraclavicular, infraclavicular, combinations, and thoracoscopic
- Describe how standard transaxillary, supraclavicular, infraclavicular, combinations, and thoracoscopic fit into the patterns of illness
- Explain the results obtained in the Froedtert and Medical College thoracic outlet syndrome program
- Describe the type of thoracic outlet syndrome (TOS) that responds most favorably to conservative management
- Explain the difference between “compressors” and “releasers”
- Identify common impairments at the first rib, scapula and shoulder that contribute to traction on the brachial plexus and identify treatment techniques to address these impairments
- Explain common types of brachial plexus injuries
- Correlate physical findings with each pattern of injury and plan therapy interventions accordingly
- Describe the functions that can be restored through surgical intervention and the rehabilitation necessary to optimize these functions
- Explain the holistic needs of the patient with a plexus injury including appropriate psychological and pain support
- Compare and contrast nerve repairs, nerve transfers and free muscle transfers
- Explain the recovery time and successfulness of nerve repairs, nerve transfers and free muscle transfers
- Describe the optimal results for targeted therapy following nerve repairs, nerve transfers and free muscle transfers
- Compare and contrast the need for a nerve transfer versus a tendon transfer

PROGRAM NUMBER: 10399

CEUs: 0.95 (Contact Hours: 9.5 hours)

PRICE: \$445

LEVEL: Introductory to Advanced

AUDIENCE: OTs, OTAs, PTs, PTAs and Certified Hand Therapists

DATE: **Available October 1 - 31, 2017**

FORMAT: Link will be emailed and handouts mailed

QUESTIONS? CONTACT US