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TITLE: Treatment of Nerve and Tendon Injuries: Optimizing Clinical Reasoning and Intervention Strategies: Digital Encore Presentation of WI Hand Experience

DESCRIPTION: Evidence-based presentations 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.

Lectures:

Part 1:

1. Kinesiologic Overview of the Wrist
2. Tendinopathy of the Hand and Wrist
3. Digging Deeper with Tendon Pathology at the Wrist: Is it Just a Tendon Issue?
4. Cadaveric Dissection: Wrist
5. Q&A Panel: The Wrap

Part 2:

6. Anatomy and Biomechanics of the Brachial Plexus and Thoracic Outlet
7. Thoracic Outlet Syndrome: Surgical Procedures
8. Gain an Overview of How to Conservatively Manage Thoracic Outlet Syndrome (TOS)
9. Brachial Plexus Surgery, Therapy and Case Studies
10. Surgical Management of Nerve and Free Muscle Transfers in the Upper Extremity
11. Cadaveric Dissection: Nerve Versus Muscle Transfers

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
- Describe the anatomy, biomechanics and healing of the flexor tendons
- Compare excursion of tendons in various zones
- Explain commonly used post-op protocols
- Describe factors leading to zone specific pitfalls
- Identify how to modify postoperative therapy to address and prevent pitfalls

FACULTY:

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Kirk Turner, OTR, CHT
Renata V. Weber, MD
Greg P. Watchmaker, MD

LEVEL: Introductory – Advanced

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

Domain of OT: Performance Skills

Occupational Therapy Process: Evaluation, Intervention, and Outcomes

COURSE #: 13653

STANDARD PRICE: \$445

CEU's / CLOCK HOURS: 9.5 Clock Hours (0.95 CEU's)

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