



Wisconsin Hand ExperienceSM

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The Revolving Door of Hand Therapy: Innovative Ways to Break the Cycle

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DESCRIPTION

Do you ever feel like your patients are stuck in a revolving door and can't move forward? Those unstable wrists, thumbs that are out of balance, and tendons that just won't glide? This course is designed to explore the difficult conditions that just keep coming back: from caphoid nonunion advanced collapse wrists (SNAC) to adhesive capsulitis (frozen shoulders) and a lot of evidence-informed assessment and intervention in between. Highly experienced surgeons and therapists will share their strategies complemented by cadaver dissections.

CONTENT FOCUS

Domain of OT: Performance Skills

Occupational Therapy Process: Evaluation, Intervention, and Outcomes

LEARNING OUTCOMES *At the end of the course, participants will be able to:*

- Describe current health care models
- Explain the impact of the ACA on current hand therapy practice
- Describe why it is necessary to develop expertise in musculoskeletal assessment (wrist and hand assessment will be used to illustrate this point)
- Outline the underlying pathomechanics of the unstable wrist
- Define CID, CIND, and TFCC pathologies
- Summarize the relevant clinical testing necessary to assess common and uncommon wrist pathologies
- Identify the indications available for pain relief of wrist disorders
- Determine the indications for functional restoration of wrist disorders
- Describe the types of procedures available for pain relief of wrist disorders
- Identify procedures available for functional restoration of wrist disorders
- Differentiate the ligamentous anatomy of the wrist
- Define the relative relationships of soft tissues including tendons and nerves
- Identify the alterations that occur during wrist procedures designed to treat common wrist disorders
- Describe joint reactions to proprioceptive and kinesthetic input
- Articulate emerging concepts of proprioceptive and kinesthetic rehabilitation techniques and the relevance to wrist rehabilitation
- Summarize advanced techniques such as isolated strengthening of wrist motors and the application of dart throwers motion activities
- Explain the role of special testing in the process of differential diagnosis
- Select special tests based on the sensitivity and specificity of those tests and likelihood ratios
- Interpret special test results based on sensitivity and specificity, positive and negative predictive values, and likelihood ratios
- Calculate sensitivity, specificity, PPV, NPV and likelihood ratios, given data
- Determine how a receiver operating characteristic curve is used to define a cut-off value for a diagnostic test
- Identify normal and abnormal kinematics of the carpometacarpal thumb joint
- Explain the many forces linked to the thumb that require balance for optimal functional use
- Describe the multiple options available for treatment of basilar joint pain and the evidence behind each
- Summarize expectations of outcomes both from an objective perspective as well as a patient satisfaction perspective
- Describe evidence-supported diagnostic special tests of the shoulder
- Explain algorithms to expedite shoulder evaluation
- Identify the best tests to diagnose red flag conditions of the shoulder
- Compare and contrast different tests for differential diagnosis
- Identify current and best physical performance measures of function
- Describe predictive values and clinical utility statistics to improve assessment skills
- Describe the anatomy of the shoulder, especially as it relates to the rotator cuff
- Describe normal biomechanics of the shoulder and pathological changes
- Explain the histopathology and underlying structural changes associated with common shoulder pathologies
- Describe evidence-based treatment approaches for each pathology
- Identify high-risk anatomical areas and joint positions that can lead to stiffness and adhesions
- Determine optimal assessment strategies for accurate diagnosis and measurement of outcomes
- Create interventions to maximize tendon glide and increase range of motion
- Report the difference between persistent edema and lymphedema
- Identify three treatment techniques for persistent edema
- Describe two treatment approaches for lymphedema

FACULTY

Beverly Bass, OTD, OTR/L, CLT
 Jeanine Beasley, EdD, OTR, CHT, FAOTA
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COURSE #	TARGET AUDIENCE	CEUS	PRICE	FORMAT	LEVEL
9959	OTs, OTAs, PTs, PTAs, and certified hand therapists	1.15 (11.5 clock hours)	\$495	Flash Drive or DVD	Introductory to Advanced