

## FACULTY

**William J. Hanney, PT, PhD, ATC/L, CSCS, MTC** is a clinician, researcher and educator who currently serves as an instructor at the University of Central Florida School of Physical Therapy where he teaches and conducts clinical research. Additionally, he maintains a clinical practice at Brooks Rehabilitation. Dr. Hanney earned his undergraduate degree from the University of West Florida for studies in Sports Medicine/Athletic Training and his Master and Doctor of Physical Therapy degrees at the University of St. Augustine for Health Sciences. He recently earned his Ph.D. at Nova Southeastern University with research interests in the treatment of cervicogenic pain. His clinical practice focuses on the treatment of orthopedic conditions with a special interest in core stabilization and muscular control. He is an experienced educator, clinician and author having presented/published nationally in the areas of biomechanics, rehabilitation and sports medicine. Dr Hanney maintains involvement in the APTA, the National Strength and Conditioning Association, The American Academy of Orthopedic Manual Physical Therapists and the National Athletic Trainers Association.

## EDUCATIONAL CREDIT

A certificate of attendance for **15 Contact Hours** (17 in FL) will be awarded to each participant. All Therapy Network Seminars are pre-approved for CEUs in the state where the course is conducted when required for **PT, OT, AT and Assistants**.

Therapy Network, Inc. (BOC AP#: P2563) is approved by the Board of Certification, Inc. to provide continuing education to Certified Athletic Trainers. This program is eligible for a maximum of 15 Category A Category hours/CEUs. ATs should claim only those hours actually spent in the educational program.

**AOTA** Approved Provider of Continuing Education # 3073  
The assignment of AOTA CEUs does not imply endorsements of specific course content, products, or clinical procedures by AOTA



## 2022 LOCATIONS & DATES

**Feb. 5/6** **Melbourne, FL**  
Steward Rehabilitation

**June 25/26** **Richmond, VA**  
Chippenham Medical Center

A list of area hotels will be sent with confirmation. Please utilize hotel brand websites for guaranteed best rates.

## AUDIENCE

This is an **intermediate level** workshop designed for OTs, PTs, ATs and Assistants.

**NOTE:** *Nothing in this course is to enable or permit the learner to apply techniques outside of the scope of practice in their individual state and discipline.*

## CANCELLATION POLICY

Registration fee less a **\$75** administrative charge is refundable if cancellation received 14 days prior to program date. No refunds will be given after that time. Therapy Network, Inc. reserves the right to cancel a seminar and will refund in full the registration fee only. TNS is NOT liable for registrants non-refundable airfare, accommodations or fees.

## PARTICIPANTS COMMENTS

"Lab was exceptional. Instructor made sure every student was comfortable with assessment and palpations before moving on"

"Love the passion & knowledge of the instructor as well as the interaction b/t instructor and students."

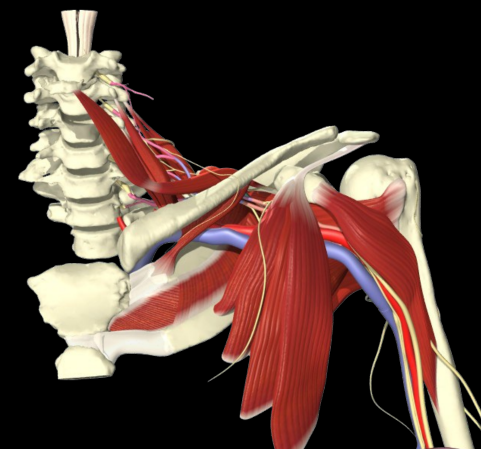
"Very up-to-date material as supported by evidence. Bill is a very dynamic and engaging speaker - thank you"

"Bill did a great job teaching the neurodynamics section and how it correlated with the treatment techniques."

# NEUROMOBILIZATION OF THE UPPER QUADRANT

## FACULTY

**William J. Hanney**  
**PT, PhD, ATC/L, MTC, CSCS**



Therapy **NETWORK** SEMINARS

**www.TNSeminars.com**

## OBJECTIVES

Identify complex neurophysiological sources of pain and distinguish between acute, chronic, referred and neuro-pathic pain conditions.

Demonstrate an effective Upper Quadrant Screening that will locate proximal pain generators.

Demonstrate soft tissue and joint mobilizations, exercise prescription and activity adaption germane to resolving issues of the thoracic outlet.

Identify neurdynamic theory as applied to the integration of nerve assessment and intervention designed to resolve difficult pain issues.

Identify rehabilitation strategies for upper quadrant pain conditions that considers the client's cultural, social and environmental context enabling the individual client to return to maximum functional independence.

## DESCRIPTION

This two day; hands on intensive seminar is designed to develop clinical assessment and treatment skills in advanced concepts of pain management and dysfunction in the upper quadrant. This course will combine an efficient examination process to effectively differentiate between musculoskeletal and neurological sources of pain in order to identify and sequence a custom treatment plan tailored to the dysfunction. Hands on lab sessions will further facilitate proper examination and treatment interventions involving evidence based special testing, neuromobilization, manual therapy, orthotic interventions and exercise prescription. Finally, case scenarios will be incorporated to pair clinical reasoning to situations that are encountered in the clinical setting. The purpose of this seminar is to allow the clinician to move from protocol derived treatment to professional assessment and treatment of the nervous system and the interfacing musculoskeletal system. The emphasis is on creative solutions to difficult problems by integrating neuroanatomical, neurophysiological and kinesiological principles creating a fresh approach to difficult patient problems resulting in improved functional outcomes and patient satisfaction.

## SCHEDULE

### Day One

8:00 Continental Breakfast and Sign In

8:30 The ABC's of behavioral medicine

Ultrastructure of peripheral nerve

Physiology of the peripheral nerve

Biomechanics of the peripheral nervous system

Pain propagation and relationship to central nervous system processing

10:00 BREAK

10:15 Lab 1: Cervical spine screening/Periscapular assessment and soft tissue mobilization

Lab 2: The Thoracic Outlet: Brachial Plexus

Compression: Assessment and traditional intervention strategies

12:00 LUNCH (on your own)

1:00 Lab 3: Proximal Compressive Neuropathies/ Assessment traditional strategies/soft tissue and neural mobilization.

Median Nerve.

3:00 BREAK

3:15 Lab 3 Cont...

Ulnar Nerve.

Radial Nerve.

5:30 Q & A and Adjourn.

### Day 2

8:00 General Principles of Neurodynamics

9:00 Neurodynamics of the Upper Quadrant/ Neuropathology/Neuropathic Pain

10:00 BREAK

10:15 Musculoskeletal Vs Neural Dysfunction; assessment and treatment planning concepts.

11:30 Lab 1 Physical examination and neuro orthopedic assessment

12:00 LUNCH (on your own)

1:30 Lab 1 Cont...

2:00 Lab 2 Neuro orthopedic intervention for compressive neuropathies of the upper extremity

3:00 BREAK

3:15 Lab 3 Musculoskeletal intervention for pain syndromes of the upper extremity

5:00 Questions and Adjourn.

## REGISTRATION

### NeuroMob

Please note the course location you are attending:  
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**Bring a Buddy Registration: \$445 p/p**

(No Deadline) Must be done simultaneously

**Early Registration: \$495**

Postmarked 30 days prior to date of course

**Late Registration: \$545**

Postmarked within 30 days of course date

### 4 WAYS TO ENROLL

Mail registration and payment to:

**MAIL**

**Therapy Network, Inc.**

**217 Paragon Pkwy, #201**

**Clyde, NC 28721**

**PHONE**

**1.828.452.0068**

**FAX**

**SECURE DIGITAL**

**928.222.0578**

(Credit Cards Only)

**ON LINE**

**www.TNSeminars.com**

Name: \_\_\_\_\_

OT PT OTA PTA AT

Home Add: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip \_\_\_\_\_

Cell Ph: \_\_\_\_\_

Email: \_\_\_\_\_

To Receive your Confirmation

Make check/money order payable to:

**Therapy Network, Inc.**

Charge my credit card: VISA MC AMEX DISC

CC # \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Expiration Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ CV2 \_\_\_\_\_

Signature: \_\_\_\_\_

I agree to comply with the card holder agreement