April 26, 2025 8AM-12:15PM

Clinical Application of Neurodynamic Assessment and Treatment

Course Description:

This course provides physical and occupational therapists with a more precise understanding of neurodynamics, and its clinical application in assessing and treating neurogenic pain mechanisms. Participants will explore how nerves move and how dysfunction can contribute to pain and movement impairment.

To help gain a better understanding of neurodynamics and its role in neurogenic pain mechanisms, this course will include hands on instruction that will cover:

- Neurodynamic assessment techniques to better distinguish between neural and musculoskeletal contributions to symptoms
- Manual therapy interventions to help improve neural mobility, reduce sensitivity, and improve functional outcomes

By the end of this course, participants will have the skills to more confidently assess and treat neurodynamic impairments, enhancing their clinical effectiveness and improving patient outcomes.

Learning objectives:

a. Define what is meant by the term neurodynamics and its relation to physical and occupational therapy
b. Be able to perform precise upper and lower limb standard neurodynamic tests
c. Understand what a normal and abnormal response is to select neurodynamic tests
d. Learn to identify neurogenic pain mechanisms and understand how to use response to neurodynamic testing to assist in identifying neurogenic pain mechanisms and its effect on physical and occupational care.
e. Learn how to perform neurodynamic treatment techniques with various levels of intensity based on a patient's presentation.

Presenter: Chris Glanz, PT, DPT, OCS: Chris is a board-certified orthopaedic specialist with over 20 years of clinical experience. Lifelong learning has included self-study and in-person formal coursework learning from some of the leading experts in the field of neurodynamics. This includes the likes of David Butler's Neuro Orthopaedic Institute group as well as Michael Shacklock. Chris' neurodynamic assessment and treatment techniques have been utilized and refined in clinical practice for over 10 years.

Course Schedule:

8AM-9:45AM	9:45-10 AM break	10AM-12:15PM
a. Neurodynamics Defined		Neurodynamic sequencing
b. Parts of the neurodynamic system considerations		Specific neurodynamics- contralateral consideration
c. Primary functions of the nervous system		Nerve palpation
d. Ways to move nerves		Standard UE Neurodynamic Tests
e. Structural differentiation		Treatment
f. Convergence and direction of nerve sliding		Q & A Session

Program Fees and Registration: This educational event is being offered to Premier Health employees for $25. Registration includes course materials, instruction, and CEU credit. Registration space is limited to 35 participants and reservations must be received by April 25, 2025. For cancellations, please email Qasim (qarizvi@premierhealth.com). Cancellation policy for this course: Prior to 2 weeks 100% refund, no refund within 2 weeks of course date – reviewed on case-by-case basis.

Registration: Via this link: Clinical Application of Neurodynamic Assessment and Treatment - WSU Boonshoft School of Medicine & Premier Health CME Alliance - Continuing Education (CE) - Clinical Application of Neurodynamic Assessment and Treatment

Directions and Parking: The course will be located at the Middletown YMCA in the main gym area at 5750 Innovation Dr. Middletown, OH 45005.

Continuing Education Units: This course is pending 4 CEU hours for PT and OT through the OPTA and OOTA.

Premier Health