

Module VIII

Advanced Lower Quadrant Syndromes and Non-Obvious Etiologies

Format: 3-day onsite lecture/lab, online discussion board, videos of technique, Power point Presentations of related material and anatomy, course manual, descriptive anatomy test.

Moderators: Jim Meadows BSCPT, MCPA, FCMT, lecturer; moderator; Gail Molloy PT, OCS COMT Moderator/Lecturer; Fred Stoot PT, COMT, FCMT; Scott Gallant, PT, FAAOMPT

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Duration: 8 weeks

CLOCK HOURS: 24 Lab hours/ 25 online course preparation hours

Course syllabi, course description, educational objectives, requirements for successful completion, and teaching methods

Description: This course will look at the possible ways that the various areas of the lower quadrant functionally and dysfunctional relate to each other, a screening examination system that will help focus our attention on a particular joint or region and a definitive examination that will determine the dysfunction needing attention. Finally, treatment will be addressed for both the symptomatic and the remote dysfunctional joints or regions.

Education methods will include: 24hrs classroom didactic training and lab, review and online testing of course material, course manual, supplemental videos I and 25hrs of online guided learning.

Objectives and Requirements for Completion: On completion of this course the therapist will be proficient in evaluating and selecting appropriate for the following:

Remote etiologies causing pain and dysfunction in the lower quadrant are typically related by one or more of the following.

- mechanical influences
- neurological influences
- neurophysiological influences
- combinations of the above

AUDIENCE: Physical Therapists

PRE-REQUISITES: Completion of pre-course online and reading and testing level VIII module

COURSE OBJECTIVES: At the completion of this course, the participant will be able to:

1. Identify characteristics of Lower quadrant functional units, Intra-unit syndromes, and inter unit syndromes.
2. Identify facilitated segment, reflex inhibition, radiculopathy, painful weakness, AXT disruption and influences on muscle tone and influences in the Lower quarter..
3. Recognize neurologically compromised orthopedic conditions that are influenced by joints that have lost their neutral zone control and have become dysfunctional.
4. Implement effective evidence-based evaluations and treatments as related to Objective 1-3.
5. PT will be able to evaluate and treat the lower quadrant foot and ankle syndromes.
6. PT will be able to apply advanced manipulation techniques to the Pelvis and Lumbar Spine.
7. Advanced differential diagnosis Lower Quadrant syndromes
 - a. Intra-unit syndromes,
 - b. Inter-unit influences

Course materials:

1. Online education platform content
 - a. PPT presentations
 - b. Video demonstrations and course discussions
 - c. Course manual
 - d. Online testing