Clinical Applications: Lower Limb & Lumbar Spine

With a strong problem solving and 'hands on' focus this course updates the science of neurodynamics in relation to upper body disorders Skilled handling of lower limb nerves and roots is taught via common clinical syndromes such as nerve root disorders, plantar fasciitis, patello femoral problems, lumbar nerve root problems and recalcitrant groin pain.

Participants are instructed in therapeutic education and therapy via active and passive movement strategies.

COURSE AIMS The aim of the clinical applications course is to enhance the clinician's ability to manage common peripheral neurogenic disorders through appropriate techniques incorporating patient education, manual therapy, therapeutic exercise, and home programs. Course content will be based on best evidence from the basic sciences and clinical trials. Clinical reasoning strategies and case studies will be presented to enable participants to apply course content to the management of an individual patient.
COURSE OBJECTIVES Upon completion of this course, the participant should be able to:
1. Describe the pattern of subjective and physical examination features thought to be indicative of a peripheral neurogenic disorder.
2. Discuss the neurophysiological pain mechanisms responsible for the clinical manifestations of a peripheral neurogenic disorder, and be able to express these mechanisms in language appropriate for patient education.
3. Describe the normal interrelationship between the physiology and biomechanics of the nervous system and its associated connective tissues, and discuss how alterations in this interrelationship contribute to the development and maintenance of peripheral neurogenic disorders.
4. Demonstrate the various examination techniques presented in this course for the detection of peripheral neurogenic disorders (eg. neurodynamic tests, palpation, examination of relevant neural container tissues).
5. Demonstrate the various techniques presented in this course for the management of peripheral neurogenic disorders (eg. patient education, neural tissue gliding techniques, selected techniques to address relevant impairments in the neural container tissues).

DAY ONE: 8.15am - 4.30pm
Clinical Reasoning/Review of
Neurodynamic Principle (case study)
Neurogenic Screening
Neurodynamic Treatment Principles /
Guidelines
Femoral Nerve Syndromes
Obturator Nerve
Differential Diagnosis: Groin Pain
DAY TWO: 8.30am - 4.15pm
Review
Sciatic Nerve & Branches
Neurobiology Education Lab
Lumbar Radiculopathy
Clinical Management/ Overview of
Central Pain Patient
Questions / Wrap -up

Pre-requisites: *Mobilisation of the Nervous System* (Level 1 NOI course)

Complementary course:
Clinical Applications: Upper limb, thorax and neck
Skilled handling of upper body neural structures is taught via clinical syndromes such as carpal tunnel syndrome, tennis elbow, and thoracic neural disorders of the sympathetic trunk. Particular focus is given to cervical nerve root disorders.
CEUs:
This course is approved for CEUs by the IPTA. ***This course is open to:*** PT's, OT's, MD's and DO's.
March 26&27, 2011 Chicago, IL with Bob Johnson, PT, MS, OCS
COST $425.00 USD PP
Registration is open to registered Physical Therapist, Occupational Therapist, and Physicians (MD or DO)
TO REGISTER OR FOR MORE INFO
ONLINE: submit via email: heatheraori@gmail.com
PHONE: 630-321-0055
FAX: Please fax registration forms to 630-321-0088
Full name:
Name:_____
Address:_____
Daytime:_____
Phone:_____
Fax:_____
Email:_____
Payment by check *' OMPT '*
Amount $ _____ Check No.: _____
Post to: 908 N. Elm Street Suite 109, Hinsdale IL 60521
Payment by credit card
Amount $ _____ MC VISA Amex
Card# _ _ _ _ - _ _ _ _ - _ _ _ _ - _ _ _ _
Expiration Date: _ _ - _ _
Cardholders signature:_____

Participant Cancellation: If written notification of cancellation is received to ISPI prior to the course start date, the participant may receive a letter of credit for the full amount, substitute someone in their place, or transfer to another course within 12 months of the cancellation without penalty. No monies will be refunded for cancellations. If the participant registered using a letter of credit, or if the participant has been transferred from another course, and the participant cancels, no amount can be transferred from another course, and no other letter of credit will be issued. All credits are forfeited. No money or credit will be issued for 'no shows' at the course, nor for cancellation any time after the course start date.