

Neuro Orthopaedic Institute (NOI) Australasia has a core philosophy to provide progressive, current material, to always challenge existing management protocols, to promote professional reinvestment, and to ensure that course participants benefit from the most recent research in a fun way. Noigroup Publications has grown from the demand for resources to support our education system and emerging research. Current NOI research directions are in internet education, public health literacy education, graded motor imagery and neurodynamics.

Mobilisation of the Nervous System



Thank you for your interest in a NOI course. With a blend of neuroscience, best evidence and clinical expertise, new and old injuries and associated brain changes can be treated rather than merely managed. We are constantly updating our course materials to accommodate the latest research and clinical thought. We are pleased to offer you the opportunity to attend these courses with our hand-picked and trained world-class instructors. Welcome to the pain sciences revolution!

Dr David Butler, Director NOI

Course description

We use modern pain sciences to provide a clinically relevant understanding of the physical health issues of the entire nervous system. This means consideration of the molecular and homuncular targets of our therapy. We integrate this knowledge using a clinical reasoning framework and advanced manual assessment and management options. Skilled reasoning is evidence based medicine at its best.

Neurodynamics is a new science. This course offers a fresh understanding and management strategies for common syndromes such as plantar fasciitis, tennis elbow, nerve root disorders, carpal tunnel syndromes and spinal pain. Innovative management tools involve conservative decompression of nerves, various neural mobilizing techniques and the new patient education techniques which emerge from neurodynamics and pain sciences.

Course objectives

1. To gain new and updated knowledge of neurodynamics and pathobiology of the nervous system related to manual examination
2. To gain safe and effective handling skills in the examination and interpretation of physical dysfunction of the nervous system
3. To utilize these skills in novel, active, passive and education based management
4. To integrate manual handling skills with pain sciences and clinical reasoning practices
5. To professionally refresh course participants

Course Instructor – Tim Beames, MSc BSc MCSP, UK.



Tim lives in London where he works in private practice and is co-founder of *Pain and Performance*, an organisation which focuses on the treatment of complex and persistent pain states and the provision of pain education for both the patient and health professional.

Tim is also the principal instructor for NOI UK and teaches the *Mobilisation of the Nervous System*, *Neurodynamics and the Neuromatrix*, *Explain Pain* and *Graded Motor Imagery* courses throughout the UK, Europe and Australia. He is also co-author of *The Graded Motor Imagery Handbook* along with Prof Lorimer Moseley, Dr David Butler and Tom Giles.

A NOI level 2 two-day course

University of Southern California, CA | March 15 – 16, 2014

With guest instructor Tim Beames, NOI UK principal instructor.

Venue USC Professional Education Center

pt.usc.edu/continuingeducation

Cost Per individual - USD\$ 550

Register no later than February 15, 2014 – USD \$495.00

Corporate group 10% discount*

**3 simultaneous registrations from one organization*

**** Cannot be combined with any other promotion**

Cost of Course Includes

Sensitive Nervous System Text or (1) complimentary NOI product of your choice, excluding The Neurodynamics Techniques DVD (see below) – free shipping

Registration is open to: Physical Therapists, Occupational Therapists, and Physicians (MD or DO) – appropriate qualifications and experience are applicable, check with your course host. CEU's are approved for physical therapists only. NOI courses include patient education as an evidence-based treatment tool, and are supported by quality workbooks, graphics and post course web involvement.

To register or for more information Contact:

San Juanita Mendez T 888.960.6540 | usadmin@noigroup.com

or by completing and forwarding the form overleaf along with your credit card details or check made payable to *NOI Americas*. You can also convey your interest online via www.noigroup.com/courses

Course Program (course programs may have regional variations)

DAY 1 – 8:00am to 4:45pm, registration 7:30 to 8:00am

- Neuro Orthopaedic Approach and Clinical Reasoning
- Physical Examination of the Nervous System
- Lab: Palpation of the Nervous System
- Neuroanatomy and Neurodynamics
- The Straight Leg Raise and The Slump Tests
- Pain: The Challenge
- Nociceptive Pain Mechanisms
- Upper Limb Neurodynamic Tests

DAY 2 – 8:00am to 4:30pm

- Peripheral Neuropathic Pain Mechanisms
- Upper Limb Neurodynamic Tests
- Central Pain States
- Analysis of Neurodynamics Tests
- Precautions and Contraindications
- Prone Knee Bend Test
- The Autonomic Nervous System
- Mobilizing the Sympathetic Nervous System
- Contributing Factors in Chronic Pain
- Treatment: Acute, Sub-Acute and Chronic Disorders
- Managing Central Pain States



NOI United States | A division of NOI Australasia
Healthy notions of self through neuroscience knowledge

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COURSE REGISTRATION FORM – PLEASE PRINT CLEARLY

COURSE Mobilisation of the Nervous System
LOCATION University of Southern California
 USC Professional Education Center
 8830 S. Sepulveda Blvd., 2nd Floor
 Los Angeles, California 90045
DATE March 15-16, 2014
INSTRUCTOR Tim Beames

Individual registration = **USD \$ 550.00**
Early Bird Registration**
Register no later than February 15, 2014 – USD \$495.00
Corporate group registration
 Corporate group* 10% discount
 * 3 simultaneous registrations from one organization
 ** Cannot be combined with any other promotion

INDIVIDUAL REGISTRATION

Name _____
 Organization _____
 Profession _____

CORPORATE GROUP REGISTRATION

Organization _____
 Registrant 1 _____
 Profession _____
 E-mail _____
 Registrant 2 _____
 Profession _____
 E-mail _____
 Registrant 3 _____
 Profession _____
 E-mail _____

CONTACT DETAILS

Address _____
 Address _____
 City _____ State _____
 Zip Code _____
 Email _____
 Daytime phone
 Landline (_____) _____ - _____
 Mobile (_____) _____ - _____

For more information on courses in your area and around the country, please visit www.noigroup.com/courses

COMPLIMENTARY NOI PRODUCT*

Cost of course includes the following:
Sensitive Nervous System Text or (1) complimentary NOI product of your choice, excluding The Neurodynamics Techniques DVD (see below) – free shipping
 Choose from (1) of the following (please check one)
 Explain Pain Graded Motor Imagery
 Painful Yarns Sensitive Nervous System
 Recognize Flash Cards
 Back Feet Hand
 Neck Shoulder

** Not offered with staff or student discounts*

If you would like to purchase additional products, please contact NOI US at usadmin@noigroup.com or at 888.960.6540

PAYMENT OPTIONS

Payment by Check – No. _____
 Make check payable to 'NOI US'
 Enclose check with registration form and post to:
 NOI US, 100 E. Walton #700, Chicago, IL 60611

Payment by Credit Card
 Complete payment details and registration form and post or fax to:
 Post: NOI US, 100 E. Walton #700, Chicago, IL 60611
 Fax: 312.642.3966

MC VISA AMEX DISC

Card No. _ _ _ _ - _ _ _ - _ _ _ _ - _ _ _ _

Expiration Date: _ _ - _ _

Cardholder's signature: _____

Participant Cancellation: If written notification of cancellation is received to NOI US seven (7) business days prior to the course date, the participant may receive a letter of credit for the full amount, substitute someone in their place, or transfer to another course (within NOI US) within 12 months of the cancellation without penalty. No monies will be refunded for cancellations received within six (6) business days. 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 issues for 'no shows' at the course, nor for cancellation any time after the course start date.