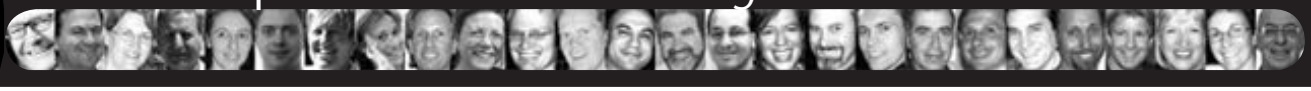
Neuro Orthopaedic Institute - *investing in the future of rehabilitation*



The Neuro Orthopaedic Institute is an independent, international group of therapists dedicated to quality education and resource distribution. The nervous system is our prime focus, integrating neuroscience, neurodynamics and manual therapy into patient management.

- ✓ We reinvest some of all course fees into Pain Sciences and Neurodynamics research projects around the world
- ✓ All NOI instructors undergo intensive accreditation and are hand-picked for their depth of knowledge, range of skills and breadth of experience
- ✓ Courses are globally standardised and updated every 6 months to incorporate the latest research
- ✓ For more information log onto our award winning website www.noigroup.com

Graded Motor Imagery
a one day interactive seminar

Graded Motor Imagery (GMI) is an emerging new rehabilitation strategy for chronic pain states. GMI comprises a sequence of strategies including laterality restoration (being able to identify left and right limbs, or movement to the left or right), motor imagery and mirror therapy via use of a mirror box.

Evidence for the use of GMI comes from basic sciences (neuroscicence) and clinical trials. It can offer substantial improvements in pain and disability in complex regional pain syndrome and phantom limb pain and anecdotally, the GMI programme, or parts of it may offer improvements in a range of chronic pain states such as brachial plexus lesions and osteoarthritis.

COURSE DESCRIPTION
The GMI course provides the most up to date basic sciences, clinical trials, and clinical use of the programme. The course is a series of lectures, practical sessions and clinical applications.

COURSE OBJECTIVES
- Knowledge of the basic sciences underpinning the use of GMI, including the neuromatrix paradigms, neuroplasticity and mirror neurones
- Practical knowledge and skills on the use of laterality reconstruction, motor imagery and mirror therapy.
- The skills to adapt the GMI programme to various patient groups
- An awareness of the ongoing research programmes in GMI and the basic sciences validating its use
- Perhaps a desire to contribute to ongoing research programmes

A world first! Be part of the inaugural Neurodynamics and the Neuromatrix conference:
Nottingham UK - April 15 - 17 2010
followed by post conference master courses:
Dublin IE - April 20 - 21 2010
A key feature of this conference will be the variety and number of interactive workshops delivered by world renowned educators, clinicians and researchers in rehabilitation.
www.noi2010.com

COURSE PROGRAM
Course programs may have regional variations

START / FINISH 8.30am – 4.30pm
Registration 8.30 to 9.00am
Introduction and history of GMI
Neuroscience 1 The neuromatrix paradigm
Neuroscience 2 Mirror neurons
Neuroscience 3 Plasticity and contextualization
Graded exposure principles and application to GMI
Neuroscience Education as GMI ally – what do you tell them
Laterality reconstruction: theory, principles and techniques
Motor imagery: theory, principles and techniques

NOI Education System

From the vast clinical and research strengths of the international faculty, NOI has introduced a new seven course quality assured program which covers the role of the nervous system in rehabilitation right though from nerve entrapments in the periphery to chronic pain states and severe neural injury. For more info visit: www.noigroup.com/courses.php
NOI's core philosophy is to provide progressive, current material, always challenging existing management protocols, to promote professional reinvestment, and to ensure that course participants benefit from the most recent research in a fun way.

TO REGISTER / MORE INFO
(About any NOI courses)

Online: Submit a ***Course Enquiry*** via www.noigroup.com/courses.php
or email us at info@noigroup.com

CLINICAL APPLICATIONS
Ideal for use in the clinic and a great self management resource, the Graded Motor Imagery pack is a set of 48 flash cards for hands, a NOI mirror box and 12 months access to the Recognise™ online software. Visit www.gradedmotorimagery.com for more reading.

Neuro Orthopaedic Institute Australasia is an independent, international group of physiotherapists dedicated to quality education and resource distribution. Visit our award winning website www.noigroup.com for course descriptions and worldwide schedules, books, reviews, products and discussions.
19 North Street, Adelaide, South Australia 5000 **E** info@noigroup.com **T** 61 (0)8 8211 6388 **F** 61 (0)8 8211 8909