



THE INTERNATIONAL SOCIETY OF
PERIPHERAL NEUROPHYSIOLOGICAL
IMAGING

1ST INTERNATIONAL CONFERENCE AND COURSE ON NEUROMUSCULAR ULTRASOUND

NERVE IMAGING WITH EMPHASIS ON ULTRASOUND
BASIC AND ADVANCED COURSES
HANDS-ON SESSIONS
US-GUIDED INTERVENTIONALS
US-GUIDED REGIONAL ANESTHESIA

ROME, MAY 24-26, 2012
DOMUS MARIAE PALAZZO CARPEGNA



1° ANNOUNCEMENT

ROME 2012



THE INTERNATIONAL SOCIETY OF PERIPHERAL NEUROPHYSIOLOGICAL IMAGING

Welcome to the 1st International Conference and Course on Neuromuscular Ultrasound that will be held in Rome on May 24-28, 2012. The venue will be the downtown Domus Mariae Palazzo Carpegna where a fantastic program awaits you.

The aim of this meeting is to create a unique and stimulating interdisciplinary environment focused developing skills and promoting the exchange of new information and ideas on peripheral nerve imaging. A panel of international renowned faculty from the field of anatomy, anesthesiology, neurology, physiatry, radiology and rheumatology will provide the latest developments and applications of neuromuscular ultrasound. The scientific program will cover 2.5 days and will run simultaneously at two levels – Basic and Advanced. Each course will consist of plenary lectures with live demonstrations. Hands-on scanning of live subjects (7.25 hours in the basic, 5.5 hours in the advanced) will be conducted in small groups by experienced tutors. Specific sessions on advances in MR and muscle imaging will also be part of the program. Two separate half-a-day workshops will be devoted to US-guided interventional procedures and US-guided regional anesthesia. In these workshops, phantoms will be provided to master the practice of injection techniques under US guidance. There will be ample time for questions, panel discussions, presentation of scientific papers, posters, and case studies on the combined use of US and electrophysiology.

This will be the inaugural meeting of *The International Society of Peripheral Neurophysiological Imaging*, an international interdisciplinary society dedicated to the learning, understanding and teaching of neuromuscular imaging.

CME credits will be available

Please join us in Rome for a rewarding scientific and educational experience
Sincerely,

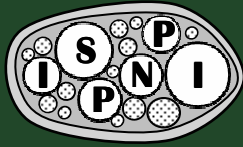
Luca Padua

Lisa Hobson-Webb

Carlo Martinoli



ROME 2012



THE INTERNATIONAL SOCIETY OF PERIPHERAL NEUROPHYSIOLOGICAL IMAGING

SCIENTIFIC PROGRAM

BASIC

INTRODUCTORY SESSION

US - Basic Physics Concepts
US - The Normal and the Abnormal Nerve
US and Neurophysiology
Basics of MRI physics

GETTING STARTED

US Technology and How-to-Scan
Quantitative Measurements: How-to-Do
Color and Power Doppler Imaging
Hands-on (*knobology, preliminary steps*)

MEDIAN NERVE

Anatomy & Live Demo
Pathology (I)
Pathology (II) - Carpal Tunnel
Hands-on

ULNAR NERVE

Anatomy & Live Demo
Pathology
Hands-on

RADIAL NERVE

Anatomy & Live demo
Pathology
Hands-on

NERVE TRAUMAS

Neurophysiology and Imaging
Ultrasound of Nerve Injuries
MR imaging of Nerve Injuries
The Postoperative Nerve

Combining US and EMG: Case Studies

SCIATIC & PERONEAL NERVE

Anatomy & Live Demo
Pathology
Hands-on

TIBIAL & SURAL NERVE

Anatomy & Live Demo
Pathology (I) - calf, hindfoot
Pathology (II) - midfoot, forefoot
Hands-on

ADVANCED

INTRODUCTORY SESSION

Neurophysiology: basic physics concepts
MRI - basic physics and technology
MRI - nerve pathology (I) - upper limb
MRI - nerve pathology (II) - lower limb

ADVANCED MR IMAGING TECHNIQUES

Advanced MRI techniques (I): neurography, DTI, tractography
Advanced MRI techniques (II): clinical applications & future prospects

SCIENTIFIC PAPERS

Combining US and EMG: Case Studies

MUSCULOCUTANEOUS, ANTERIOR INTEROSSEOUS, HAND NERVES

Anatomy & Live Demo and Pathology
SCIENTIFIC PAPERS

HANDS-ON

DYSIMMUNE NEUROPATHIES & TUMORS

Imaging of Dysimmune Neuropathies
Imaging of Tumors and Tumor-like Lesions
HANDS-ON (*advanced, FAQ, nerves on demand*)

ACCESSORY SPINAL, SUPRASCAPULAR, AXILLARY NERVE

Anatomy & Live Demo and Pathology

SCIENTIFIC PAPERS

HANDS-ON

BRACHIAL PLEXUS

Anatomy & Live demo
Pathology (I) - traumatic injuries
Pathology (II) - tumors
HANDS-ON

MUSCLE

Imaging of Inherited Myopathies
Functional Imaging of Muscle

Combining US and EMG: Case Studies

FEMORAL, LATERAL FEMORAL CUTANEOUS, SAPHENOUS

Anatomy & Live demo and Pathology
SCIENTIFIC PAPERS
HANDS-ON

WORKSHOPS

US-GUIDED INTERVENTIONALS

How-to-do - materials and techniques
HANDS-ON (*animal models*)

ESTABLISHED PROCEDURES

US-guided treatment of painful neuromas
US-guided treatment of Morton neuromas

NEW APPLICATIONS

Percutaneous carpal tunnel release (I)
Percutaneous carpal tunnel release (II)
Other New Procedures

US & REGIONAL ANESTHESIA

Basics of US-guided regional anesthesia

SPINE PROCEDURES

Spine & Paravertebral US anatomy
Cervical & Thoracic Spine injection techniques
Lumbar & Sacral Spine injection techniques

NON-SPINE PROCEDURES (I)

Interscalene & Supraclavicular Blocks
Infraclavicular & Axillary Blocks

NON-SPINE PROCEDURES (II)

Occipital Nerve & Cervical Plexus
Cervical Sympathetic Trunk
Ilioinguinal/Iliohypogastric/Inguinal Canal
Suprascapular & Intercostal Nerves
Pudendal Nerve & Piriformis Muscle

THIS IS AN INTERDISCIPLINARY COURSE AND CONFERENCE. ALL CLINICIANS WITH INTEREST IN NEUROMUSCULAR ULTRASOUND ARE ENCOURAGED TO ATTEND

WWW.NEU-ROME.IT

ROME 2012



THE INTERNATIONAL SOCIETY OF PERIPHERAL NEUROPHYSIOLOGICAL IMAGING

BASIC AND ADVANCED CONFERENCE and COURSE

Full registration Fee of €500+VAT. It includes participation in all scientific sessions of both courses, hands-on workshops, syllabus, lunches and coffee breaks.

WORKSHOPS

Two Workshops on *US-guided interventional* and *US regional anaesthesia* will run on Saturday May 26 afternoon. Each has a Registration Fee of €150+VAT. These workshops are available for only 50 delegates to attend each. You may only attend one workshop. As the number is limited, pre-registration is essential. Places will be allocated on a first come, first served basis so if you are interested in attending do not delay and book now. The Conference language will be English. No simultaneous translation will be provided.

HOTEL BOOKING

Hotel accommodation include bed and breakfast. Please make reservations by January 30, 2012 to receive the following special rates:

Hotel	Single Room	Double Room
Domus Mariae Palazzo Carpegna Hotel Conference Venue (4-stars, 3 km from Vatican and St.Peter) Via Aurelia, 481 - www.palazzocarpegna.hotelinroma.com	130,00 euro	150,00 euro
Domus Pacis Torre Rossa Hotel Adjacent to conference venue 3-stars, 15 minutes walk Via di Torre Rossa, 94 - www.torrerossaparkhotel.hotelinroma.com	110,00 euro	120,00 euro



CONTACT

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More information online at **WWW.NEU-ROME.IT**

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