

Thursday 19 September

12:00 13:30 **Registrations**

13:30 14:00 **Opening session**

Chairs : Lisa Hobson-Webb and Paolo Manganotti

Welcome addresses : Lisa Hobson-Webb, Simon Podnar, Paolo Manganotti, Luca Padua

ROOM A (sala Oceania)

ROOM B (sala Vulcania 1)

Session 1A: Ultrasonography of peripheral nerve: upper limb nerves

Session 1B: Neuroimaging of peripheral nerves with Magnetic Resonance

Chairs: Nens van Alfen, Michael S. Cartwright

Chairs: Roberto Gasparotti, Daniel Schwarz, M. Cova

14:00 14:25 Antonio Kerasnoudis: Optimisation of ultrasonographic image

Philipp Baumer: Update in MRI imaging of the peripheral nerve of magnetic resonance neurography 14:00 14:30

14:25 14:50 Leo H. Visser: Main upper limb nerves: median, ulnar & radial. Anatomy and live demo

Roberto Gasparotti: Magnetic Resonance of the brachial and lumbar sacral plexus 14:30 15:00

14:50 15:15 Martinoli: Brachial plexus. Anatomy and live demo

Daniel Schwarz : Peripheral nerve diffusion tensor imaging (DTI) NM MRI of cranial nerve 15:00 15:30

15:15 15:40 Alexander Loizides: Other upper limb, shoulder girdle & neck nerves. Anatomy and live demo

Simonetta Gerevini: Magnetic Resonance and peripheral nerve trauma 15:30 16:00

Hands on

Hands on

15:45 17:20 Brachial plexus and upper limb nerves: median, ulnar and radial nerve
D. Coraci, L. Padua, L.Hobson-Webb, Martinoli, A. J.Boon, A. Kerasnoudis, LH Visser

Other upper limb, shoulder girdle and neck nerves
A. Loizides, H. Gruber, N.van Alfen

Break

Session 2A : Ultrasonography and entrapment neuropathies

Session 2B: Ultrasound in focal treatment with botulinum injection in spasticity

Chairs: Michael S. Cartwright, R. Gasparotti, L. Padua

Chairs: P. Manganotti - Scalise

First examination in patients with entrapment neuropathies

17:30 17:50 Lisa Hobson-Webb: Ultrasonography is fundamental

K Wissel: indications and guidelines for Ultrasound focal injection of botulinum toxin in spasticity and dystonia 17:30 18:10

17:50 18:10 Jeremy Bland : Electrodiagnosis remains the first choice

Imaging of expansive lesions in and around peripheral nerves

Hands on session

18:10 18:30 Hannes Gruber: Ultrasonopgraphy is my first choice

18:30 18:50 Daniel Schwarz: I prefer magnetic resonance imaging

Peripheral nerve trauma

Anatomical guide on muscles and muscle skeletal usually injected Wissel, Martinoli, Socer 18:10 19:15

18:50 19:10 Simon Podnar : Electrodiagnostic diagnosis is more relevant for function

19:10 19:30 Jeffrey A. Strakowski : Ultrasound diagnosis is better

19:30 **Welcome cocktail**

Friday 20 September

08:00 08:15 **Registrations**

ROOM A (sala Oceania)

ROOM B (sala Vulcania 1)

Session 3A: Session 1: Ultrasonography of peripheral nerve: lower limb nerves

Session 3B: ultrasonography in neural blocks and utility treatment in focal spasticity

Chairs : Hannes Gruber and Leo H. Visser

Chairs : Craig M. Zaidman- GL. Gigli

08:15 09:00 Michael S. Cartwright : Main lower limb nerves : fibular, tibial, sciatic and sural. Anatomy and live demo

K Socer: Ultrasonography and toxin injection in the treatment of spasticity

09:00 10:00 Hands on help: Alexander Grimm, Gregor Omejec, Stephanie Schreiber, Joon Shik Yoon, Leo H. Visser

Interventional nerve block F. Walker Ultrasonography is better and useful

10:00 10:30 Hannes Gruber: Other lower limb and pelvic girdle nerves. Explain, demonstrate and supervise

Interventional nerve block: J Bonavita: Neurophysiology and stimulatoin is better

10:30 11:15 Hands on help: M. S. Cartwright, D. Coraci, A. Loizides, Jeffery A Strakowski, Francis Walker,

Hands on: Interventional musculoskeletal and neuromuscular ultrasonography with video demonstrations in the treatment of spasticity and motor disorder, Martinoli, Socer, Lisa Hobson Webb

break

Main lecture

11:20 12:00 Chairs: Lisa Hobson-Webb, Paolo Manganotti

Lucio Santoro : Clinical neurophysiology and neuroimaging in diagnosis and management of neuropathies

12:00 13:00 Free communications

Chairs: S. Podnar, CH Zaidman

13:00 14:00 Lunch Workshop on Pharmacological treatment of neuropathies: role of PEA in peripheral neuropathies, lipoic acid and neuropathies . Clinical rationale and neuroimaging measurement

Session 4A: Ultrasonography in entrapment of neuropathies

Session 4B: Utility ultrasonography in motor disorders

Chairs : Alexander Loizides, Gregor Omejec

Chairs : Gérard Said, Antonios Kerasnoudis

14:00 14:30 Craig M. Zaidman : Muscle and nerve echogenicity measurements

Lisa Hobson-Webb : Ultrasonography in amyotrophic lateral sclerosis and other motor neuron disorders

14:30 15:00 Michael S. Cartwright : Carpal tunnel syndrome with demo

US in campotcormia and motor disorder

15:00 15:30 Simon Podnar : Ulnar neuropathy at the elbow with demo

Nens van Alfen : Imaging in myopathies

15:30 16:00 Luca Padua : Other focal neuropathies with demo

Craig Zaidman: US in inflammatory myopathies and muscular dystrophies

break

Session 5A: Ultrasonography in inflammatory neuropathies

Chairs : Michael S. Cartwright, Joon Shik Yoon

16:15 16:45 Antonios Kerasnoudis : Ultrasonography in demyelinating and polyneuropathies

16:45 17:15 Francis Walker: All you need is EDx

17:15 17:45 Alexander Grimm: US adds important information

Session 5B: Magnetic Resonance in cervical and cranial nerves

Chairs : M. Cova , D. Schwarz

Roberto Gasparotti : Magnetic resonance in cervical radiculopathies

Michael S. Cartwright: Ultrasonography of cranial nerves

Daniel Schwarz : Magnetic resonance imaging of cranial nerves

break**18:00 19:00 Session 6: Free communications**

Chairs : Lisa Hobson - Webb, Luca Padua

20:00 Conference Dinner

Savoia Excelsior Palace

Saturday 21 September**08:00 08:15 Registrations****ROOM A (sala Oceania)****Session 7A: Ultrasonography and genetic neuropathies**

Chairs: P. Veriello, D. Coraci

08:30 09:10 Gian Maria Fabrizi : Clinical classification and neuroimaging in genetic neuropathies

09:10 09:30 Simon Podnar : Ultrasonography in familial amyloidotic polyneuropathy

09:30 09:50 Leo H. Visser: US findings in neurofibromatosis

09:50 10:15 Daniele Coraci: US in TTR amyloidosis

10:15 11:40

ROOM B (sala Vulcania 1)**Session 7B: Ultrasonography and interventions**

Chairs: Hannes Gruber and Z. Arnez

Jeffery A Strakowski: Interventions and steroid injections

Hannes Gruber: Only under strict sterile conditions

Nens van Alfen: Well cleaned, but not sterile

Hands on session : Interventions using phantoms H. Gruber, A. Loizides, D.

Coraci, C.M. Zaidman, A. J. Boon

Session 8A: importance of ultrasonography in nerve trauma

Chairs: P. Manganotti, L. Murena

11:40 12:00 L. Padua: classifications and utility of US in Nerve trauma

12:00 12:15 S. Podnar: electrodiagnosis is fundamental

12:15 12:30 Hannes Gruber: Tandem lesions after nerve trauma

12:30 12:45 Joon Shik Yoon: Utility of US after failed CTS release

12:45 13:00 Round table and discussion of possible US protocol of pre- and post-interventions

Session 8B: ultrasonography in nerve tumor and respiratory and rehabilitation

Chairs

Leo H. Visser: Ganglion cysts and the peripheral nervous system

Zsuzsanna Aranyi: The ultrasonography of thoracic outlet syndrome

Zsuzsanna Aranyi: US in neuralgic amyotrophy

Craig M. Zaidman: US as a tool for disease follow-up

13:00 13:15 Conclusions