

MUST-4

Upper and Lower Extremity Nerves



May 24-26, 2019
Gold Coast Australia



Australian Institute
of Ultrasound (AIU)

For Who

The MUST courses are aimed at radiologists, sonographers, anesthetists, emergency medicine physicians, Intensivists, pain management specialists, neurologists, palliative care physicians, rheumatologists, orthopedic surgeons, physical medicine and rehabilitation specialists, sports physicians, physiotherapists and any other medical professionals with an interest in musculoskeletal ultrasound.

Registration

www.aiu.edu.au or
www.martinoli-ultrasoundcourses.com

Accreditation

CPD/CME points will be applied for medical specialists and sonographers.



Organized by:



Martinoli
ULTRASOUND COURSES

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Martinoli UltraSound Training courses (MUST-courses)

The MUST-courses consist of four separate two-day ultrasound courses:

- MUST-1: Shoulder and Hip
- MUST-2: Distal Upper Extremity: Elbow to Fingers
- MUST-3: Distal Lower Extremity: Knee to Toes
- MUST-4: Upper and Lower Extremity Nerves

Prof. Carlo Martinoli's advanced & comprehensive lectures and live demonstrations are an unforgettable experience for every MSK-ultrasound professional. They are excellent resources for those wanting to master MSK-ultrasound. All lectures and live demonstrations are given by Prof. Carlo Martinoli.

MUST-4: Upper and Lower Extremity Nerves

The MUST-4 course offers a systematic and comprehensive review of all aspects of ultrasound of the Upper and Lower Extremity Nerves in:

- an evening Keynote Lecture;
- a two-day interactive course consisting of advanced theoretical lectures, live demos and hands-on workshops tailored to the needs of the attendees.

Eight hands-on workshops will provide the opportunity to master the scanning techniques via small groups trained by expert tutors.

Course objectives

Through lectures and practical interactive sessions, participants will be able to:

- review normal anatomy, variants and biomechanics of musculoskeletal structures and recognize related pathology;
- develop comprehensive skills for performing confident musculoskeletal examinations of the Upper and Lower Extremity Nerves under expert guidance;
- Learn and recognize musculoskeletal pathology as seen on ultrasound and get fascinated by Carlo's unparalleled pathology lectures;
- highlight pros & cons and potential pitfalls of ultrasound of the Upper and Lower Extremity Nerves;
- conduct advanced musculoskeletal ultrasound examinations.

www.aiu.edu.au / www.martinoli-ultrasoundcourses.com

KEYNOTE

Friday
May 24, 2019

Keynote lecture

- 17:30 Registration
- 18:30 Opening
- 18:45 **Brachial Plexus** - Anatomy and Scanning Technique - incl. Live Demo
- 19:15 **Brachial Plexus Injuries**
- 19:45 **Nerves around the Neck** - Anatomy and Pathology - incl. Live Demo
- 20:15 **Coffee break**
- 20:45 **Nerves around the Shoulder** - Anatomy and Pathology - incl. Live Demo
- 21:15 **Thoracic Outlet Syndrome** - incl. vascular syndromes
- 21:45 Refreshments

Carlo Martinoli

Carlo Martinoli is Associate Professor of Radiology at the University of Genova, Italy. He is the author of a preeminent textbook on Musculoskeletal Ultrasound.

He has devoted more than 20 years to musculoskeletal radiology education. He has held over 800 invited lectures all over the world and has published more than 200 articles in international peer reviewed medical journals.

In 2012 he was one of the founders of the International Society of Peripheral Neurophysiological Imaging, a multi-disciplinary society that aims to forward global education and research in peripheral nerve imaging.

AIU

For over 20 years, the AIU has been the leading provider in Australasia of post-graduate medical ultrasound training. It is a well-established, highly respected, clinically focused ultrasound training company offering professional tuition to all clinicians.

Tuition fee MUST-4

Before or on 15 April 2019: \$ 2100,00 for the keynote lecture and the two-day course of theoretical lectures, live ultrasound demonstrations and hands-on workshops. After 15 April tuition fee is \$ 2200,000.

Is one evening with Carlo Martinoli enough? Then register only for the Keynote Lecture on Friday evening 24 May 2019. The price for Keynote Lecture alone is before or on 15 April 2019: \$ 150,00. After 15 April: \$ 175,00.

DAY-1

Saturday
May 25, 2019

Upper Extremity Nerves

- 08:30 Opening
- 08:45 **Recap Brachial Plexus and Cervical Nerves**
- 09:00 Hands-on Workshop-I (Brachial Plexus Roots, Trunks & Divisions; Suprascapular; Long Thoracic; Phrenic; Dorsal Scapular; Proximal Supraclavicular (homohyoid area); Greater Auricular/Lesser Occipital; Transverse Cervical; Greater Occipital; Spinal Accessory; Vagus)
- 10:00 **Recap Shoulder Nerves**
- 10:15 **Coffee break**
- 10:45 Hands-on Workshop-II (Brachial Plexus Cords; Distal Suprascapular (scapular notches); Axillary (anterior and Q-space); Lateral and Medial Pectoral; Thoracodorsal; Musculocutaneous)
- 11:45 **Nerves in the Arm, Elbow and Proximal Forearm** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 12:45 **Lunch break**
- 13:30 Hands-on Workshop-III (Medial Brachial Cutaneous (MBCN); Medial Antebrachial Cutaneous (MABCN); Median (incl. pronator area) and Anterior Interosseous; Ulnar (incl. cubital tunnel); Lateral Antebrachial Cutaneous (LABCN); Radial & Posterior Antebrachial Cutaneous (PABC); Posterior Interosseous and Superficial Branch of the Radial)
- 14:30 **Nerves in the Distal Forearm, Wrist and Hand** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 16:00 **Coffee break**
- 16:30 Hands-on Workshop-IV (Median #1 (carpal tunnel), palmar cutaneous & recurrent motor branch; Median #2 (distal common and proper digital branches); Ulnar #1 (Guyon tunnel) & Dorsal Cutaneous Branch (distal forearm); Ulnar #2 (superficial sensory & motor branches); Distal Sensory Branch of the Radial; Dorsal Interosseous)
- 17:30 End of Day-1

Registration: www.aiu.edu.au or www.martinoli-ultrasoundcourses.com

Cancellation

If for any reason you are unable to attend the event be aware that fees will be refunded, less a \$100,00 administration charge, for all cancellations received at least 4 weeks before the event. No refunds can be given for cancellations received after the 4-week period, but you may appoint an alternative attendee.

Course venue

Australian Institute Of Ultrasound (AIU), 2 Miami Key, Broadbeach Waters, QLD 4218, Australia. Email: info@aiu.edu.au. Phone: +61 (0)7 5526 6655

DAY-2

Sunday
May 26, 2019

Lower Extremity Nerves

- 08:30 **Nerves in the Hip & Thigh** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 09:15 Hands-on Workshop-V (Iliohypogastric & Ilioinguinal (Genitofemoral); Lateral Femoral Cutaneous; Femoral & Proximal Saphenous; Obturator (anterior & posterior branches); Sciatic (incl. piriformis area), Posterior Femoral Cutaneous and Pudendal; Superior & Inferior Gluteal)
- 10:15 **Coffee break**
- 10:45 **Nerves in the Knee & Leg** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 11:45 Hands-on Workshop-VI (Superior & Inferior Genicular; Saphenous (infrapatellar branch); Sciatic Bifurcation; Proximal Tibial & Common Peroneal; Superficial & Deep Peroneal (incl. articular branch); Medial & Lateral Sural Cutaneous; Proximal Sural)
- 12:45 **Lunch break**
- 13:30 **Nerves in the Ankle** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 14:30 Hands-on Workshop-VII (Distal Tibial (tarsal tunnel) and Medial Calcaneal; Medial Plantar; Lateral Plantar & Inferior Calcaneal; Distal Sural & Lateral Dorsal Cutaneous; Deep Peroneal)
- 15:30 **Coffee break**
- 16:00 **Nerves in the Midfoot and Forefoot** - Normal Anatomy Scanning Technique & Pathology - incl. Live Demo
- 16:30 Hands-on Workshop-VIII (Deep peroneal (terminal sensory branch); Medial & Intermediate Dorsal Cutaneous; Common Digital and Morton Neuroma; Hallucal (dorsal & plantar))
- 17:30 Closing remarks
- 17:45 End of Day-2

Organization

The Australian Institute of Ultrasound and Martinoli Ultrasound Courses are teaming up to provide one of the most advanced and comprehensive Upper and Lower Extremity Nerves ultrasound course available.

If you have any questions? Please e-mail Jenni Sanderson info@aiu.edu.au (Phone: +61755266655) or Robert de Zoete, info@martinoli-ultrasoundcourses.com (Phone: +31651612592).

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