

MUST-1

Shoulder and Hip



May 27-29, 2019
Singapore



National University
of Singapore

For Who

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

Registration

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

Accreditation

CME credits will be applied for medical and healthcare specialists.



Organized by:



Martinoli

ULTRASOUND COURSES

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-1, Shoulder and Hip

The MUST-1 course offers a systematic and comprehensive review of all aspects Shoulder and Hip ultrasound 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.

Seven 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 recognise related pathology;
- develop comprehensive skills for performing confident musculoskeletal examinations of Shoulder and Hip under expert guidance;
- learn and recognise musculoskeletal pathology as seen on ultrasound and get fascinated by Carlo's unparalleled pathology lectures;
- highlight pros & cons and potential pitfalls of ultrasound in Shoulder and Hip imaging;
- conduct advanced musculoskeletal ultrasound examinations.

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

KEYNOTE

Monday
May 27, 2019

Keynote lecture

- 17:30 Registration
- 18:30 Opening
- 18:45 **Ultrasound "dissection" of rotator cuff tendons and related structures** - Normal Anatomy and Scanning Technique - incl. Live Demo
- 20:15 **Coffee break**
- 20:45 **Rotator cuff pathology** (incl. calcific tendinitis)
- 21:30 Refreshments

Carlo Martinoli

Carlo Martinoli is Associate Professor of Radiology at the University of Genova, Italy. He is 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-1

Before or on 15 April 2019: SGD 1950.00 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 SGD 2000.00

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: SGD 150,00. After 15 April: SGD 175,00.

DAY-1

Tuesday
May 28, 2019

Shoulder

- 08:30 **Opening**
- 08:45 **Recap rotator cuff tendons & muscles**
- 09:00 Hands-on Workshop-I (subscapularis, supraspinatus, infraspinatus, teres minor, GH joint capsule; middle and inferior glenohumeral ligaments)
- 10:00 **The biceps tendon and the rotator cuff interval** - Normal Anatomy, Scanning Technique and Pathology - incl. Live Demo
- 11:15 **Coffee break**
- 11:45 **The pectoralis complex and the deltoid** - Normal Anatomy, Scanning Technique and Pathology - incl. Live Demo
- 12:15 Hands-on Workshop-II (long head biceps; coracohumeral & superior glenohumeral ligaments; transverse humeral ligament; pectoralis major - clavicular and sternocostal head, humeral insertion; deltoid; latissimus dorsi & teres major)
- 13:15 **Lunch break**
- 14:15 **The coracoid area** - Normal Anatomy, Scanning Technique & Pathology - incl. Live Demo
- 15:15 Hands-on Workshop-III (short head biceps & coracobrachialis; pectoralis minor; coracoclavicular Ligaments; coracoacromial ligament; GHJ anterior recess, subscapularis recess, subcoracoid bursa; transverse scapular ligament)
- 16:15 **Coffee break**
- 16:45 **Bones and Joints** - Normal Anatomy, Scanning Technique & Pathology - incl. Live Demo
- 17:15 **Nerves around the Shoulder** - Normal Anatomy, Scanning Technique & Pathology - incl. Live Demo
- 17:45 **End of Day-1**

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Cancellation

If for any reason you are unable to attend the event be aware that fees will be refunded, less a SGD 100 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

National University of Singapore, Centre for the Healthcare Simulation, Tahir Foundation Building (MD1) Level 3, Lecture Theatre LT37, 12 Science Drive 2, Singapore 117549.

DAY-2

Wednesday
May 29, 2019

Shoulder

- 08:30 Hands-on Workshop-IV (brachial plexus cords; proximal & distal suprascapular nerve (scapular notches); axillary nerve (anterior and Q-space); lateral and medial pectoral nerve; Thoracodorsal nerve; Musculocutaneous nerve) HIP
- 09:30 **Anteromedial Hip:** anatomy, Scanning Techniques & Pathology - incl. Live Demo
- 11:30 **Coffee break**
- 12:00 Hands-on Workshop-V (tensor fascia lata-sartorius complex; LFCN; rectus femoris - proximal tendons and myotendinous junctions; iliopsoas complex - lateral and medial iliacus, psoas tendon, dynamic test for snapping hip, distal insertion, lesser trochanteric area; femoral nerve; adductor longus, adductor brevis and adductor magnus; pectineus; obturator externus; gracilis; obturator nerve - anterior and posterior divisions; femoral neurovascular bundle; anterior recess of the hip joint)
- 13:00 **Lunch break**
- 14:00 **Posterolateral Hip** - Normal Anatomy, Scanning Technique & Pathology - incl. Live Demo
- 15:15 Hands-on Workshop-VI (abductors of the hip (gluteus medius and minimus) - greater trochanter area; proximal iliotibial band; gluteus maximus; hamstrings origin; piriformis area and the sciatic nerve; sacroiliac joint)
- 16:15 **Coffee break**
- 16:45 **Inguinal and Sports Hernia** - anatomy, Scanning Techniques & Pathology - incl. Live Demo
- 17:15 Hands-on Workshop-VII (anatomical structures involved in the direct, indirect and femoral hernias; adductor longus - proximal attachment, conjoined aponeurosis with the rectus abdominis)
- 17:45 **Closing remarks and End of Day-2**

Organization

The Australian Institute of Ultrasound (AIU) and Martinoli Ultrasound Courses are teaming up to provide one of the most advanced and comprehensive knee, ankle and foot ultrasound course available.

If you have any questions?

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