



# sonoskills

Excellence in musculoskeletal  
ultrasound education



AMSTERDAM, THE NETHERLANDS

PART 1: UPPER EXTREMITY: 9 - 11 MAY 2019

PART 2: LOWER EXTREMITY: 27 - 29 JUNE 2019

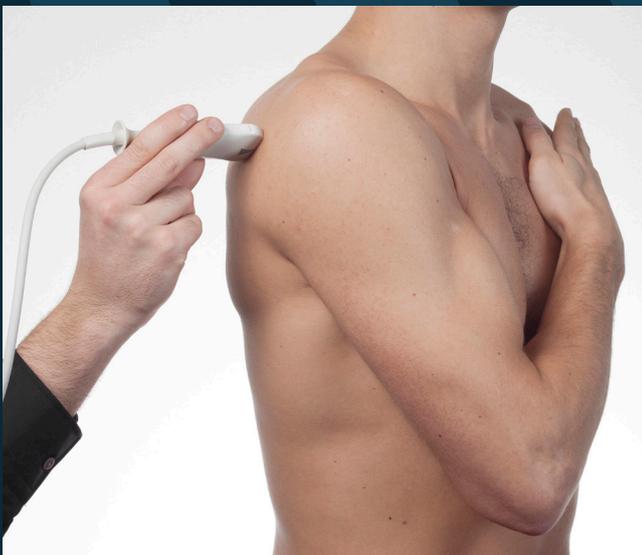
## MUSCULOSKELETAL ULTRASOUND HEALTHCARE

The use of ultrasound within the motor system, or musculoskeletal ultrasound (MSKUS), has increased in popularity within both primary and secondary healthcare over the last few years. The reasons are clear:

- > Assessment, clinical reasoning and decision making is improved.
- > Better healthcare and patient well-being improves as a result of improved practice and professional quality.
- > MSK ultrasound prepares you and your practice for the future, where more tasks will have to be performed by healthcare professionals without referring to a specialist.
- > If you already are a Musculoskeletal expert, with the addition of MSK ultrasound you become a complete professional, and add an extra tool to your toolbox.

MSKUS is used to visualize muscles, tendons, ligaments, nerves and sometimes blood vessels of the upper and lower limbs, to assess their morphology or structure, shape and function. Scientific research shows that clinical tests are often not specific enough and inadequate to come to a correct functional diagnosis.

False positives can occur often and for effective patient care, it is important to limit these mistakes as much as possible.



## LEVEL 1 – FOUNDATIONS OF MSK ULTRASOUND

### WHO SHOULD ATTEND?

Both primary healthcare professionals as well as secondary healthcare professionals interested in improving their diagnostic capabilities and insight in treating dysfunctions of the musculoskeletal system.

### CONTENT

After completion of this course, the professional is capable of using MSK ultrasound in clinical practice in a qualitative and critical way. The professional learns how to scan anatomical structures of the upper- and lower extremity. The core of this hands-on skills course is based on an intensive review of anatomy of specific regions, pathophysiology of common conditions within these regions and evidence-based reviews of the use of MSKUS in the assessment of the locomotor system.

### LEARNING OBJECTIVES

- > Understanding the concept of ultrasound.
- > What is the normal appearance of MSK tissues in ultrasound?
- > Learning how to use the ultrasound system.
- > Understanding the 3D functional anatomy of all extremity joints.
- > Being able to scan all ESSR extremity joint protocols in a correct and reliable way.
- > Being able to identify some common pathology in MSK ultrasound.
- > Correctly working with the toolcard for qualitative scanning and pathology recognition.
- > Lots of hands-on practice with a ratio of 3 participants to 1 ultrasound device.

## eLEARNING

All SonoSkills courses are blended, meaning a combination of online and onsite learning. Blended learning is an additional element to classroom teaching and one which supports existing teaching practices. It combines many of the best elements of face-to-face teaching (personalized learning and social interaction) while allowing greater variety and flexibility than a traditional classroom set up, responding to the needs of the modern learner. Over 150 videos, totaling to over 16 hours of content are available to you on-demand before, during and after the course.



## ADVANTAGES MSKUS

1. Good validity – backed by high quality research
2. Dynamic real-time examination
3. Examination of both sides allows for bi-lateral comparisons
4. Non-invasive patient friendly method
5. Mobility of ultrasound systems
6. Low cost of examination
7. Low risk (no ionizing radiation)
8. Fast examination (both time and reactivity)
9. High resolution (especially with more expensive systems)
10. Great possibilities for patient evaluation, information and educational uses.



## MARC SCHMITZ

Founder & CEO, SonoSkills

During his MSc. at the Faculty of Medicine and Pharmacy at the Vrije Universiteit Brussel (VUB), Marc's interest in functional human anatomy grew tremendously while dissecting and studying cadavers. It was here that his interest in observing functional human anatomy in "real time" peaked, which led to the start of embracing musculoskeletal ultrasound. After completing numerous courses and attending conferences on the topic, he started developing his own course and SonoSkills was formed in 2010. Since then SonoSkills has taught its courses all over the European continent, as well as in Africa and the Middle East. The team consists out of 15 expert trainers that speak over nine languages in total.

Besides his work at SonoSkills he's founder of Anatomy & Physiotherapy, a worldwide social physiotherapy platform and has been involved as head of department at the first ever Master of Science program dedicated to MSK ultrasound for physiotherapists at SOMT University of Physiotherapy. Marc's goal is spreading the knowledge of ultrasound to all healthcare professionals worldwide.

When he is not teaching courses or developing new content Marc enjoys travelling and crafting his own beers.

## DETAILS

Dates: Part 1 - Upper Extremity: 9 - 11 May 2019  
Part 2 - Lower Extremity: 27 - 29 June 2019  
Location: Amsterdam  
Pricing: € 1750 for the full course. Including: all lunch/breaks and study materials.

## REGISTRATION

Seats are limited to 15, make sure to sign-up today by visiting: <http://bit.ly/MSKUS123-AMS>

## WHY SONOSKILLS?

SonoSkills is the European leader in musculoskeletal ultrasound (MSKUS) courses. What makes us unique is our focus on both primary and secondary healthcare professionals. SonoSkills has:

- > **An Excellent Educational Framework**  
All our courses are up-to-date, evidence-based and interactive. Our innovative eLearning platform allows for lots of hands-on practice during our courses.
- > **International Team**  
With a variety of backgrounds, points-of-view and clinical experience our international team of trainers offer fresh perspectives and speak a total of nine languages.
- > **Passionate Sonographers**  
We're very passionate sonographers who really love what they do! This enthusiasm is highly contagious, so be warned!

The ultrasound device comes in many shapes and sizes. From big units to portable laptop-size systems. The quality variation between systems is substantial and one can generally state that a more expensive system will buy you more quality.

The ultrasound systems for this course will be donated by Philips Healthcare, no need to bring your own device if you already have one. If you're new to ultrasound we highly recommend NOT to purchase a system before the course, but wait after you've finished the full course. The basic knowledge will help you assess what device you need and what key criteria will be.

Visit our online forum and view or share pathology images and videos.

Sign-up for free and start sharing your interesting cases.

[WWW.SONOSKILLS.COM/FORUM](http://WWW.SONOSKILLS.COM/FORUM)

## COURSE IN COLLABORATION WITH



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