



The Institute of Chiropractors and Podiatrists

Supporting Podiatry Professionals



Diagnostic Ultrasound Course

Supported and sponsored by Celtic SMR



Course aim

The aim of the programme is to educate and train suitably qualified Podiatrists in the safe and competent use of diagnostic ultrasound imaging for musculoskeletal conditions.

Course details

The intensive programme is split into 2 stages with an optional extra 1:1 advanced tutorial, for those that wish to further sharpen their skills.

Stage 1

6 simple online training modules covering the necessary theory of ultrasound, instrumentation, image interpretation, common ultrasound terminology, patient selection and health and safety concerns. Each Module has a short Multiple choice questionnaire. The presentation of this part of the course as online training modules, help to ensure the maximum practical training time on the practical element of the course.

It is essential that part one is completed and passed, before enrolling onto Stage 2, the practical element of the course.

Stage 2

Two days practical training to be held at Sir Robert Peel Hospital, Tamworth with our partners and sponsors, Celtic SMR, who will be providing the latest ultrasound machines for your training. The 2 days will cover the basic instrumentation and scanning techniques, before going into more detailed scanning of the different parts of the foot / ankle. The aim is to ensure maximum hands-on scanning time.

Intended learning outcomes

- Basic understanding of the science of ultrasound.
- Thorough understanding and in-depth knowledge of ultrasound instrumentation and equipment.
- Critical knowledge in ultrasound safety, careful patient selection and limitations of diagnostic ultrasound.
- To understand the terminology used in sonographic imaging.
- To appreciate the limitations of ultrasound scanning as a diagnostic tool.
- Critical evaluation of common anatomical landmarks.
- Understanding legalities of obtaining and storing ultrasound images for record keeping.

- Understanding of basic anatomy common landmarks and appreciation of corresponding sonographic images.
- Enhancement of clinical practical skills with ultrasound equipment.
- Critical assessment of ultrasound imaging to help aid appropriate diagnosis and to help form an appropriate treatment plan.
- To receive a certificate of competency in musculoskeletal diagnostic ultrasound of the foot and ankle.

Masterclass

Will include advanced scanning techniques and condition specific pathological training and USS of the knee.

1. Course details

Each Module will include an MCQ, which must be passed for acceptance onto the practical course. This helps to ensure maximum practical scanning time on the 2 day course.

- A. Basic ultrasound principles
- B. Basic foot/Ankle anatomy
- C. Basic Image interpretation
- D. Basic Instrumentation
- E. Basic ultrasound terminology
- F. Patient selection and ultrasound safety

Webinars for revision / ongoing learning (1 hour each)

- A. Basic Instrumentation
- B. Rearfoot/Ankle
- C. Forefoot/Midfoot

2. Practical training

Day 1

- Morning* - Basic Instrumentation/Knobology
(Learn your way around any ultrasound Machine)
- Image interpretation and normal anatomy (practical)

Afternoon - Basic scanning techniques foot/ankle and guided injections

Day 2

Morning - Forefoot / Midfoot

Afternoon - Hindfoot / Midfoot

- Refresher and practical OSCE

Masterclass (Optional)

For those who have completed the main course there is the added option of more advanced ultrasound techniques over 1 or 2 days, option A, or Option B 1:1 Mentoring is also available to those who wish for more practical hands on ultrasound time.

Ultrasound guided injections

Ligaments of the foot/ankle

Advanced Pathology in foot/ankle ultrasound

Dates

Online modules will be launched in November 2019. The practical element of the course is planned for February 2020.

Contact us

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