Introduction to Ultrasound Imaging

This is a one day course/workshop for those new or of limited experience to medical ultrasound imaging. The course is a combination of lectures, demonstrations and workshop sessions and is designed to provide a good practical introduction to medical imaging techniques.

In the morning session there will be presentations and associated workshop on the three main ultrasound modalities including B-scan imaging, pulsed Doppler, colour/power Doppler imaging. Emphasis will be on familiarization and manipulating the equipment controls and optimizing image and signal quality. For the second session of the morning, there will be lectures and workshop demonstrating the application of these techniques in General abdominal and aortic aneurysm imaging.

The 2 parallel sessions in the afternoon will introduce specialist applications of ultrasound including: Emergency medicine FAST imaging, Musculo-skeletal, Deep vein thrombosis and Vascular Access and in the second parallel session: 2D, 3D and 4D obstetric ultrasound techniques.

Accommodation

Administration Centre
For further information please contact the Secretariat, info@wessexdiagnostic.com

Exhibition/PRACTICAL ‘HANDS-ON’ SESSIONS
An exhibition/workshop of the latest ultrasound systems, will be held throughout each day. The workshops will be available for delegates to gain supervised training and practical experience in the use of ultrasound techniques in scheduled sessions within the programme.
Introduction to Ultrasound Imaging
Provisional Scientific Programme

Ultrasound equipment controls and optimizing image quality
09.00 Welcome and Introduction
09.05 Basic principles of ultrasound imaging
09.30 Pulsed Doppler/colour Doppler techniques
10.00 Practical Workshop Session I: Equipment controls

General Abdominal/aortic aneurysm
11.00 General abdominal
11.40 Abdominal aortic aneurysms
12.00 Practical Workshop Session II: General/AAA

13.00 Lunch

Parallel sessions
Emergency Medicine FAST/Vascular & Vascular Access/MSK
13.45 Introduction to Emergency Medicine FAST imaging
14.20 Vascular – deep vein thrombosis investigations
14.40 Vascular Access
15.00 Musculoskeletal topics
15.45 Refreshment
16.00 Practical Workshop III: FAST/Vascular Access/Venous/MSK

Obstetric & Gynaecological Ultrasound
13.45 Introduction to Obstetric Ultrasound Imaging
14.30 3D & 4D ultrasound imaging
15.15 Refreshments
15.30 Practical Workshop IV: 2D/3D/4D Obstetric imaging
17.30 Meeting closes.

Faculty

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