**Introduction To Ultrasound Imaging**

Spring 2017

Date to be announced

In partnership with:

**mindray**

Mindray U.K. Headquarters, Hinchingbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FN

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**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](mailto: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**

**Date to be announced**

**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

**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** Applications in Gynaecology
- **15.00** 3D &4D ultrasound imaging
- **15.45** Refreshments
- **16.00** Practical Workshop IV: 2D/3D/4D Obstetric imaging

**17.30** Meeting closes.

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**Faculty**

- **Dr. Colin Deane**  
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  London SE5 9RS.

- **Corinna Gomm**  
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- **Mr. Keith Humphries**  
  Medical Imaging Unit  
  Bioengineering Dept.,  
  University of Cardiff

- **Dr Max Kyi**  
  Dept of Anaesthesia  
  Good Hope Hospital  
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  Birmingham B75 7RR

- **Mr Shaun Rick**  
  Emergency Medicine & Critical Care  
  Ultrasound Lecturer,  
  King’s College, London

- **Dr Dan Strong**  
  Consultant in Emergency Medicine  
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