



# WESSEX DIAGNOSTIC

## Vascular Ultrasound Imaging Course

Manchester/ Birmingham, UK

Royal College of Radiologists Accreditation: 10 CPD points

This is an intensive 2-day course on the application of duplex, pulsed wave, colour and power Doppler techniques in the investigation of the abdominal, extra and intra-cranial and peripheral vasculature.

The course is a combination of lectures, demonstrations and workshop sessions and is designed to cover both the basic principles of these techniques and a review of the current state of ultrasound arteriography and venography.

Each clinical lecture will cover the following topics:

- Normal vasculature and variants
- Examination protocols
- Diagnostic criteria
- Case histories
- Pitfalls in interpretation

Clinical applications literature will be available to the delegates.

### **Exhibition/Practical 'hands-on' sessions**

An exhibition and workshops 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 Doppler ultrasound techniques in scheduled sessions within the programme.

### **Faculty**

Wessex Diagnostic has developed a leading faculty in their ultrasound speciality including Kings College London, Leicester Royal Infirmary and Cardiff University.

**Course Programme overleaf.**

Social events: A course dinner will be held on the first day of the course.

Reduced accommodation rates are available at course venue (please see website).

**For more information please see  
[www.wessexdiagnostic.com](http://www.wessexdiagnostic.com) or email [info@wessexdiagnostic.com](mailto:info@wessexdiagnostic.com)**



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## Vascular Ultrasound Imaging Course

### DAY ONE:

#### ***AM: Basic principles/Extra- and intracranial vessels***

Basic principles of Doppler ultrasound.	C. Deane
Extracranial vasculature	T. Hartshorne
Intracranial vasculature	T.Hartshorne
Atherosclerotic plaque composition and dynamics	N. Pugh

#### **Practical Session I: Extracranial vasculature**

#### ***PM: Abdominal & peripheral arteries***

Lower Limb arteries	M. Bartlett
Aorta and main branches	C. Deane
Haemodialysis	C. Deane
Stent and graft surveillance	T. Hartshorne

#### ***Practical Session II: Peripheral vessels- arterial.***

COURSE DINNER

### DAY TWO:

#### ***AM: Special Topics: venous***

Lower limb deep venous system	B. Freedman
Superficial venous system	B. Freedman
Upper limb vasculature	N.Pugh

#### **Practical Session III: Peripheral vessels - venous**

#### ***PM: General***

Ultrasound imaging in surgical procedures	TBC
Doppler Ultrasound: artefacts and errors	K Humphries

#### **Practical Session IV: Open**

# Faculty



Matthew Bartlett	Royal Free London NHS Trust Pond Street London. NW3 2QG
Dr. Colin Deane	Dept. of Medical Engineering & Physics, King's College Hospital, Denmark Hill, London. SR5 9RS.
Anne Farrell	Vascular Laboratory, University Hospital of South Manchester Wythenshawe, Manchester M23 9LT
Ben Freedman	Dept. of Medical Engineering & Physics, King's College Hospital, Denmark Hill, London. SR5 9RS.
Tim Hartshorne	Vascular Laboratory, Royal Infirmary, Infirmary Square, Leicester. LE1 5WW.
Prof. Neil Pugh	Medical Physics and Engineering Dept. University Hospital of Wales, Heath Park, Cardiff.

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