

## VASCULAR ULTRASOUND IMAGING COURSE

September 27-28th  
2022

Manchester, UK

14 CPD credits

Two day, socially-distanced  
course



### OVERVIEW

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.

Wessex Diagnostic and Canon Medical Systems are working in collaboration to provide a comprehensive combination of lectures, demonstrations and workshop sessions. These are 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
- EVLA ultrasound guided simulation with phantom

**PLEASE SEE PROGRAMME  
OVERLEAF**

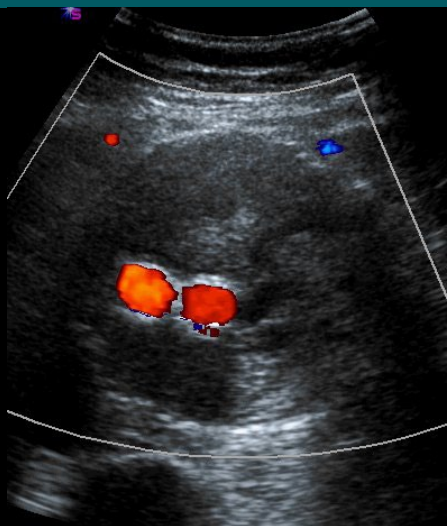
### FACULTY

- Dr Colin Deane  
*Kings College London*
- Mr Tim Hartshorne  
*Leicester Royal Infirmary*
- Mr Alok Tiwari  
*Queen Elizabeth Hospital  
Birmingham*
- Matthew Bartlett  
*The Royal Free Hospital, London*

### PRACTICAL 'hands-on' WORKSHOPS

An exhibition and workshops of the latest ultrasound systems, will be held throughout. During the workshops delegates gain supervised training and practical experience in the use of Doppler ultrasound techniques in scheduled sessions within the programme.

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### COURSE LOCATION

Novotel Manchester Central, UK

### ACCOMODATION

Reduced hotel room rates for delegates available on booking.

### COURSE DINNER

TBC

### BOOK NOW FOR EARLY BIRD DISCOUNTS

[www.wessexdiagnostic.com](http://www.wessexdiagnostic.com)  
E: [info@wessexdiagnostic.com](mailto:info@wessexdiagnostic.com)  
T: +44 (0) 7305 845 478

### PROGRAMME

#### DAY ONE:

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##### AM: Basic principles/Extra- and intra-cranial vessels

- Basic principles of Doppler ultrasound.
- Extracranial vasculature
- Intracranial vasculature
- Atherosclerotic plaque composition and dynamics

*Practical Session I:  
Extracranial vasculature*

##### PM: Abdominal & peripheral arteries

- Lower limb arteries
- Aorta and main branches
- Haemodialysis
- Stent and graft surveillance

*Practical Session II:  
Peripheral vessels - arterial.*

#### DAY TWO:

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##### AM: Special Topics: venous

- Lower limb deep venous system
- Superficial venous system
- Upper limb vasculature

*Practical Session III:  
Peripheral vessel venous*

##### PM: General

- Ultrasound imaging in surgical procedures
- Doppler Ultrasound: artefacts and errors

*Practical Session IV: Open*