

# VASCULAR ULTRASOUND IMAGING COURSE

28-29 September 2021:  
Two day course  
Manchester, UK

10 CPD credits  
in accordance with the CPD Scheme  
of the Royal College of Radiologists.



## 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*
- Professor Neil Pugh  
*Cardiff University, Wales*
- Mr Tim Hartshorne  
*Leicester Royal Infirmary*
- Mr Alok Tiwari  
*Queen Elizabeth Hospital, Birmingham*
- Ben Freedman  
*Kings College, London*
- 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 VENUE

Novotel Manchester Centre,  
Manchester, UK

## ACCOMMODATION

Reduced hotel room rates for  
delegates available on booking.

## COURSE DINNER

Canon Medical Systems will be  
sponsoring the course dinner on  
Tuesday 28th September

**BOOK NOW FOR EARLY  
BIRD DISCOUNTS**

[www.wessexdiagnostic.com](http://www.wessexdiagnostic.com)  
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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*