

Towards **Level 2** - CEM Accreditation in Ultrasound

# The 3rd London Emergency Medicine Level 2 Ultrasound Course

An **advanced** and **practical** course **focused** on the use of Ultrasound in the assessment of critically ill patients designed for Acute Physicians, Anaesthetists, Intensivists and Emergency Physicians

organised in partnership with Infomed Research & Training, on **Thursday 8 and Friday 9 July 2010**, at Conference Centre, Russell Square House, 10-12 Russell Square, London WC1B 5EH

## Programme Director:

**Dr Tim Harris** BM BS BMed Sci Dip O&G Dip Imme Care FACEM FFAEM  
Consultant Emergency Physician, Royal London Hospital

## The Faculty includes:

- **Dr Fraser E Ingham**, Consultant Radiologist, Barnet and Chase Farm Hospitals NHS Trust
- **Dr Dean Huang**, Consultant Radiologist, King's College Hospital
- **Dr Sivadas Ganeshalingam**, Consultant Radiologist, Whittington Hospital, London
- **Dr Alistair Billington**, Consultant in Intensive Care and Emergency Medicine, University Hospital Birmingham
- **Miss Nicola Drake**, Consultant in Emergency Medicine, St Thomas' Hospital, London
- **Dr Romila Bahl**, Consultant in Emergency Medicine, University College Hospital, London
- **Dr Harith Al-Rawi**, Consultant in Adult and Paediatric Emergency Medicine, St Thomas' Hospital, London
- **Dr Sandeep Pathak**, Consultant in Radiology, Whipps Cross University Hospital, London

Course equipment and technical support kindly provided by:

 **SonoSite**  
World leader and specialist  
in hand-carried ultrasound.



GE Healthcare





Course  
endorsed  
by BMUS

## About this Course

- ☑ It aims at helping you to **become competent** in the basic skills required to achieve **Level 2 accreditation in USS** for EM
- ☑ You will **learn** and **practice USS techniques** in Hepatic/Biliary; Vascular; Urology/Renal; Cardiac; Shock; Thoracic; Musculoskeletal; Gynaecology/Obstetric; Soft Tissue & DVT
- ☑ It is suitable for Consultants, Middle Grades, Registrars who are experienced in the use of USS and/or have done the Level 1 USS Course
- ☑ features **Practical Sessions** with **live demos** with **models** and **patients** (condition allowing)
- ☑ It includes interactive, **focused lectures**, with extensive use of **real-life screenshots** and **video clips**
- ☑ It offers an opportunity for delegates to **practice on a variety of** widely used and state-of-the-art **machines**
- ☑ It features **clinical scenarios** to help integrate **USS** into your **clinical practice**



**10 CPD Points**

Certificate of Attendance will be given

## ABOUT THE COURSE

- **Emergency Level 2 USS** is based on *CEM Curriculum – Emergency Medicine Ultrasound (EMUS)*
- is suitable for Consultants, Middle Grades, Registrars who are experienced in the use of USS and/or have done the Level 1 USS Course
- features **Practical Sessions** with live demos with models and patients (condition allowing)
- offers an opportunity for delegates to practice on a **variety of widely used** and state-of-the-art **machines**
- provides each delegate with a **USS logbook – your training file** – plus a course folder and CD-ROM with copies of the lecture slides and other relevant materials to Level 2 requirements

## DAY 1: Thursday 8 July 2010

08.30 – 09.15 **Registration**

09.15 – 09.30

### Welcome and Introduction

**Dr Tim Harris**, Consultant in Emergency Medicine,  
Royal London Hospital

09.30 – 10.05

#### LECTURE

### Renal and the Role of US

- Recognizing normal Renal Anatomy
- US and the assessment of:
  - haematuria
  - renal calculi
  - pyelonephritis
- Recognizing tumors
- Clinical Scenarios

10.05 – 10.40

#### LECTURE

### Hepatic/Biliary and the Role of US

- Normal Hepatobiliary Anatomy
- Role of US in the assessment of:
  - cholelithiasis, biliary tree obstruction
  - hepatomegaly USS textures and masses
  - pancreatitis

10.40 – 11.00 **Tea and coffee break**

11.00 – 13.00

#### PRACTICAL SESSION

### Renal and Hepatic/Biliary

Practicing at the Scanning Stations, on models and patients, includes: Renal, Hepatic, Biliary, Aorta, IVC, and others

13.00 – 13.40 **Working Lunch and US practise**

13.40 – 15.10

#### LECTURE

#### FOLLOWED BY PRACTICAL SESSION

### Procedural US

Topics to be covered:

- Drainage of ascites and pleural fluid
- Identifying abscesses and foreign bodies
- US aided lumbar puncture
- US guided joint aspiration
- US and regional blocks

15.10 – 15.30 **Tea and coffee break**

15.30 – 16.45

#### LECTURE

### Thoracic US

#### LECTURE FOLLOWED BY VIDEO CLIPS

Role of US in:

- Pneumothorax
- Heart failure
- Pneumonia
- Pleural effusion

16.45 – 17.30

### Case Scenarios on the day topics

Summary Discussion led by

17.30 **Close**

## DAY 2: Friday 9 July 2010

08.45 – 09.00 **Registration**

09.00 – 09.30

**LECTURE**

### Vascular

Topics to be covered:

- Venous thrombosis
- Introduction to vascular diseases – arterial occlusion, peripheral aneurysms, duplex studies

09.30 – 10.15

**LECTURE**

### Musculoskeletal

Topics to be covered:

- Achilles tendon
- Quads - patella tendon
- USS in acute calf pain : DVT- haematoma - Bakers cyst - normal muscle
- Shoulder and knee injuries MRI or USS?
- Recognizing lymph nodes

10.15 – 10.40 **Tea and coffee**

10.40 – 12.00

**PRACTICAL SESSION**

### Vascular and MSK Ultrasound

Practicing at the Scanning Stations

12.00 – 13.15

**LECTURE FOLLOWED BY VIDEO CLIPS**

### Obstetrics

Topics to be covered:

- Ovaries
- Early pregnancy: intrauterine vs ectopic, gestational age miscarriage
- Introduction to obstetric scanning
  - placenta praevia,
  - haemorrhage between placenta and uterus
  - fibroids

13.15 – 14.00 **Lunch**

14.00 – 14.45

**LECTURE**

### The SHOC Scan 1

***Focused Echo Cardiography and US in the assessment of the critically unwell patient***

Topics to be covered:

- Focused ECHO – LV function, RV function, Pericardial tapenades
- IVC size as an assessment of pre-load
- Scanning on model and clinical scenarios

14.45 – 17.00

**PRACTICAL SESSION**

### SHOC Scan 2

***Using ultrasound to assess the critically unwell patient***

- FAST revisited
- AAA revisited
- Access in difficult patients

17.00 – 17.30

### Case Scenarios on the day topics

Summary Discussion

17.30

Close and collection of Certificates

## Booking

### The 3rd London Emergency Medicine Level 2 Ultrasound Course

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## COURSE FEE

**Early bookers fee: £445** (inc VAT @ 17.5%) for the two days when booking and paying before and on 31 March 2010

**Standard fee: £495** (inc VAT @ 17.5%) for the two days when booking from 1 April 2010

*Doctors from Barts & The London NHS Trust – call Infomed for information on discounts.*

## HOW TO REGISTER

Complete delegate and payment details, below, and fax to 020 8290 6917 or post to:

Infomed Research & Training Limited,  
PO Box 1028, Bromley, BR1 9JP

Alternatively, **BOOK ONLINE** at [www.infomedltd.co.uk](http://www.infomedltd.co.uk).

Confirmation, venue location map and receipt will be sent to you by email.

General queries: tel. 020 8123 0021,  
e-mail [conferences@infomedltd.co.uk](mailto:conferences@infomedltd.co.uk)

For information on accommodation: [www.infomedltd.co.uk](http://www.infomedltd.co.uk)

## DELEGATE DETAILS

Title ..... First Name .....

Surname .....

Job Title .....

Hospital .....

Address for correspondence  Home  Hospital

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Post Code ..... Country .....

Tel .....

Email .....

Please inform Infomed if you have any special needs

## PAYMENT DETAILS

Please charge my credit/debit card with the sum of £ .....

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Card Number

/     /

Valid From   /   Expiry Date   /

CVV Number     
(i.e. the last 3 digits on central signature strip on reverse side of the card)

Please find enclosed a cheque for the amount of £.....  
made payable to Infomed Research & Training Ltd

By **BACS**: HSBC, London Bridge Branch,  
28 Borough High Street, London SE1 1YB,  
Sort code: 40-06-21 Account: 81585045

Please **invoice** my organisation:  
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## TERMS AND CONDITIONS

1) The subscription fee includes online web access to presentations and course documents, lunch and refreshments. 2) The completed booking form together with full payment must be sent to Infomed Research and Training Limited to secure a booking. Submission of this booking constitutes a legally binding agreement. 3) Payment must be received in full prior to the event. Course details will be issued subject to receipt of payment. We cannot be held responsible for the non-arrival of registration information. If you have not heard from us within 7 days prior to the Course, please contact us. 4) Bookings can be made by telephone but payment must be made in full by credit card at time of booking. 5) Written cancellations received 6 weeks prior to the Course will be accepted and refunded minus an administration charge of £70. We regret that no refunds can be made for cancellations received after that date, for whatever reason, although substitutions will be accepted if notified in writing 5 days or more prior to the event. 6) The Company reserves the right to alter the date, content and timing of the programme or the identity of the speakers due to reasons beyond its control. Under these circumstances, The Company will not refund delegates any expenditure made on pre-booked accommodation or travelling. 7) The Company does not accept responsibility for loss/damage delegates' property/personal effects whilst at the Course.

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