

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

The 2nd London Emergency Medicine Level 2 Ultrasound Course

An **advanced** and **practical** course **focussed** 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 **Monday 7 & Tuesday 8 December 2009**, at Conference Centre, Russell Square House, 10-12 Russell Square, London WC1B 5EH

Programme Director:

Dr Tim Harris BM BS BMedSci 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 Helen Marmery**, Consultant Radiologist, Royal Free Hospital, London
- **Dr Alistair Billington**, Consultant in Intensive Care and Emergency Medicine, University Hospital Birmingham
- **Dr Nicola Drake**, Consultant in Emergency Medicine, St Thomas' Hospital London
- **Dr Romila Bahl**, Consultant in Emergency Medicine, University College Hospital, London

Course equipment and technical support was kindly provided by:

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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: Monday 7 December 2009

08.30 – 09.15 **Registration**

09.15 – 09.25

Welcome and Introduction

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

09.25 – 10.00 Lecture

LECTURE 1

US Clinical Governance issues

Dr Romila Bahl, Consultant in Emergency Medicine, University College Hospital, London

10.00 – 10.35 Lecture

LECTURE 2

Renal and the role of US

Dr Fraser Ingham, Consultant Radiologist, Barnet and Chase Farm Hospitals NHS Trust

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

10.35 – 11.10

LECTURE 3

Hepatic/Biliary and the role of US

Dr Fraser Ingham, Consultant Radiologist, Barnet and Chase Farm Hospitals NHS Trust

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

11.10 - 11.30 **Tea and coffee break**

11.30 – 13.15

PRACTICAL SESSION A

Renal and Hepatic/Biliary

Led by Dr Fraser Ingham, Consultant Radiologist, Barnet and Chase Farm Hospitals NHS Trust

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

13.15 – 14.00 **Working Lunch and US practise**

14.00 – 15.30

LECTURE FOLLOWED BY PRACTICAL SESSION B

Vascular

Facilitated by

Dr Nicola Drake, Consultant in Emergency Medicine, St Thomas' Hospital, London

Topics to be covered:

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

15.30 – 15.45 **Tea and coffee break**

15.45 – 17.00

PRACTICAL SESSION C

Obstetrics

LECTURE FOLLOWED BY VIDEO CLIPS

Facilitated by

Dr Nicola Drake, Consultant in Emergency Medicine, St Thomas' Hospital, London

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

17.00 – 17.30

Case scenarios on the day topics

- Summary Discussion led by **Dr Romila Bahl**, Consultant in Emergency Medicine, University College Hospital, London

17.30 **Close**

DAY 2: Tuesday 8 December 2009

08.45 – 09.00 **Registration**

09.00 – 09.40

LECTURE 4

Procedural US

Dr Alistair Billington, Consultant in Intensive Care and Emergency Medicine, University Hospital Birmingham

Topics to be covered:

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

09.40 – 10.20

LECTURE 5

Musculoskeletal

Dr Helen Marmery, Consultant Radiologist, Royal Free Hospital, London

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

10.20 – 10.45 **Tea and coffee**

10.45 – 12.00

PRACTICAL SESSION D

Procedural and MSK Ultrasound

Led by **Dr Helen Marmery**,
Consultant Radiologist, Royal Free Hospital, London

Practicing at the Scanning Stations, including:

- Recognizing normal muscle and tendons eg. Achilles, Quads, etc.
- Identifying vertebrae
- Identifying lymph nodes, foreign bodies

12.00 – 13.15

LECTURE 6

Thoracic US

LECTURE FOLLOWED BY VIDEO CLIPS

Paul Atkinson, Addenbrooke's Hospital, Cambridge and CEM Level 2 Board Chair

Role of US in:

- Pneumothorax
- Heart failure
- Pneumonia
- Pleural effusion

13.15 – 14.00 **Lunch**

14.00 – 14.45

LECTURE 7

The SHOC Scan 1

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

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

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 E

SHOC Scan 2

Using ultrasound to assess the critically unwell patient.

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

- FAST revisited
- AAA revisited
- Access in difficult patients

17.00 – 17.30

Case scenarios on the day topics

Summary Discussion led by
Dr Paul Atkinson, Addenbrooke's Hospital, Cambridge and CEM Level 2 Board Chair

17.30 Close and collection of Certificates

Booking

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COURSE FEE

Early bookers fee: £445 (inc VAT @ 15%)

for the two days when booking and paying before and on 30 August 2009

Standard fee: £495 (inc VAT @ 15%)

for the two days when booking from 31 August 2009

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

Course fee includes USS logbook, course folder and CD-ROM with copies of the lecture slides and information about Level 2 requirements, lunch and refreshments.

Course fee does **not** include accommodation.

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.

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

For information on accommodation: www.infomedltd.co.uk

DELEGATE DETAILS

Title First Name

Surname

Job Title

Hospital

Address for correspondence Home Hospital

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 holder name:

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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Invoicing details, (must be confirmed with accounts department letterhead) including the name, contact number and address of the person responsible for payment:

Name

Department

Organisation

Address

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..... Post Code

Tel

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TERMS AND CONDITIONS

1) The subscription fee includes CD with presentations, 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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