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King's CT Imaging in Polytrauma Interpretation for the Emergency Physician

King's College Hospital 
NHS Foundation Trust

An intensive and interactive case-based course featuring short lectures, plus supervised CT interpretation to improve your EM practice

organised by **Infomed Research & Training**
in partnership with **King's College Hospital NHS Foundation Trust**,
on **Tuesday 10 and Wednesday 11 April 2018**,
at The Royal College of Emergency Medicine,
7-9 Bream's Buildings, Chancery Lane, London, EC4A 1DT

12 CPD Points
Certificates
of Attendance
will be given

Target Audience

Course designed for **Consultants**
SASGs and senior STs in **Emergency Medicine**,
and **Trauma Team Leaders**.

Course Director

Dr Lisa Meacock, Consultant Radiologist,
King's College Hospital, London

Course Faculty

Leading Consultant Radiologists,
experts in their respective fields
and experienced in advancing the skills of peers

- **Dr Dylan Lewis**, Consultant Radiologist,
King's College Hospital, London
- **Dr Saira Haque**, Consultant Paediatric Radiologist,
King's College Hospital, London
- **Dr John Curtis**, Consultant Radiologist,
University Hospital Aintree, Liverpool
- **Dr Ata Siddiqui**, Consultant Neuroradiologist,
King's College Hospital, London
- **Dr Bhavna Batohi**, Consultant MSK Radiologist,
King's College Hospital, London
- **Dr Thoraya Ammar**, Consultant Interventional
Radiologist, King's College Hospital, London
- **Dr Stephen Gregory**, Consultant Diagnostic
and Interventional Radiologist,
King's College Hospital, London
- **Dr Marcela De La Hoz Polo**, Radiologist,
Imperial College Healthcare NHS Trust
- **Dr Dean Huang**, Consultant Radiologist,
King's College Hospital, London

About this unique Course

- ☑ **Numbers strictly limited.**
Two attendees per iMac workstation for
peer interaction and learning
- ☑ Over 100 cases to interpret over the two days
- ☑ **Intensive supervised CT trauma**
interpretation practice, including head and spine,
chest, abdomen, angiography/interventional
radiology and special paediatric considerations
- ☑ Short introductory lectures, offering guidance,
practical knowledge, what not to miss and how
- ☑ **Time and freedom to review cases at your own pace**
 - ☑ Case review and discussion panel, Q&A,
interpretation guidance, tips and common errors to avoid
- ☑ Interactive discussions, what is relevant and significant,
take home messages that will change your EM practice

Course Aim

To provide the busy, 'hands-on' EM Consultant
with a practical, stimulating and comprehensive update
on advanced trauma imaging interpretation:

- (i) **practical** (workstation based learning); (ii) **stimulating**
(interactive, challenging cases, immediate feedback);
and (iii) **comprehensive** (head and spine,
chest, abdomen, extremities).

By the end of the course, the delegate will have:

- (1) a comprehensive understanding of good/best
trauma imaging interpretation practice;
- (2) improved trauma imaging interpretation skills;
- (3) greater confidence in advanced practice;
and the ability to know when to refer further
- (4) identified skills and knowledge gaps, if any,
relevant to his/her practice, and
clear ways by which these can be addressed.

Day 1: Tuesday 10 April 2018

08.30 – 09.15 **Registration, tea and coffee**

09.00 – 09.15

Introduction and case demo

Jack Hodson and **Dr Bhavna Batohi**

- Aims of course
- How to use OsiriX
- Demo cases
- Awareness of mechanism of injury and vectors of force to consider when interpreting trauma imaging

09.15 – 10.15

Imaging of cranio-cerebral trauma

Dr Ata Siddiqui

- Introduction of relevant anatomy
- Review areas – types of brain herniation
- Mimics
- Cases include:
 - Cranial vault and cranial base fractures
 - Intracranial extra-axial injury
 - Subarachnoid and intraventricular haemorrhage
 - Cerebral contusion
 - Brain herniation

10.15 – 11.15

Cervical spine

Consultant Neuroradiologist, name TBC

- Introduction of relevant anatomy
- Cases include:
 - Differentiating between stable and unstable injuries
 - Common injury patterns of the cervical spine
 - Associated injuries, e.g. vascular dissection

11.15 – 11.45 **Tea and coffee**

11.45 – 13.00

The thoracolumbar spine

Dr Marcela De La Hoz Polo

Cases:

Differentiating between stable and unstable injuries
Common injury patterns of the thoracic and lumbar spine
Associated injuries

13.00 – 13.45 **Lunch**

13.45 – 14.30

Introduction to whole body CT

Dr Lisa Meacock

- Anatomy
- Protocols

14.30 – 15.30

Advanced chest vascular

Dr John Curtis

Pathologies include:

- Mediastinal and vascular injury
- Chest vasculitis

15.30 – 15.45 **Tea and coffee**

15.45 – 17.00

Trauma CT chest

Dr Lisa Meacock

- Cases include:
 - Chest wall injury
 - Trauma to the lung
 - Trauma to the heart and pericardium
 - Rupture of the hemi diaphragm
 - Considerations in penetrating vs blunt injury

17.00

Collection of feedback and close

Day 2: Wednesday 11 April 2018

08.30 – 09.15 **Registration, tea and coffee**

09.15 – 10.45

Pelvic trauma

Dr Lisa Meacock

- Introduction of relevant anatomy
- Cases:
 - Anteroposterior compression injuries
 - Lateral compression injuries
 - Vertical shear injuries
 - Acetabular fracture patterns
 - Associated injuries, e.g. bladder injury

10.45 – 11.15 **Tea and coffee**

11.15 – 11.45

Lecture: Angiography and Interventional radiology in trauma

Dr Thoraya Ammar

- Know your limits - When to call the radiologist
- Examples of:
 - Active extravasation and pseudo aneurysm formation
 - Endovascular control of haemorrhage

11.45 – 12.45

Special considerations in the paediatric trauma patient

Dr Saira Haque

- Radiation exposure
- Protocols
- Assessing the cervical spine
- Alternatives to CT, e.g. contrast ultrasound
- Paediatric cases

12.45 – 13.30 **Lunch**

13.30 – 15.00

Abdominal trauma I

Dr Dylan Lewis

- Introduction of relevant anatomy
- Cases of:
 - Injuries to the urinary system and retroperitoneum
 - Vascular injuries
 - Bowel and mesenteric injury (the seat belt injury)

15.00 – 15.15 **Tea and coffee**

15.15 – 16.45

Abdominal trauma II

Dr Stephen Gregory

- Suggested CT protocols
- Considerations in penetrating vs blunt trauma
- Cases of:
 - Hepatobiliary and pancreatic trauma
 - Splenic trauma

16.45 – 17.00

Discussion and final Q&A

17.00 **Feedback, collection of Certificates
of Attendance and close**

The Faculty includes

Dr Lisa Meacock is a Consultant Radiologist, King's College Hospital, London. Her special interests include MSK imaging and trauma imaging. She is the Radiology lead for trauma imaging for The South East London, Kent and Medway Trauma Network.

Dr Elizabeth Dick, MRCP, FRCR, MD, is a Consultant Radiologist and Honorary Senior Lecturer at Imperial College NHS Trust with expertise in Body MRI, Emergency, Trauma and MSK Radiology, subjects upon which she has published

and lectured nationally and internationally. She completed a two year Fellowship in Body MRI, during which time she earned her doctoral degree. She has published several books and a CD Rom for training Radiologists, and taught on numerous UK postgraduate courses to medical and paramedical specialists. She is the President of the British Society of Emergency Radiology and Secretary of the European Society of Emergency Radiology.

Dr Mariano Scaglione is Director of the Department of Imaging at Pineta Grande Medical Center, in Castel Volturno, Italy. He is also President of the European Society of Emergency Radiology (ESER).

Dr Maria Sellars is a Consultant Paediatric Radiologist at King's College Hospital NHS Foundation Trust, appointed in 2002. She qualified in 1991 and began in radiology at Grootte Schuur Hospital in Cape Town, South Africa. Dr Sellars joined the training programme in the department of radiology at King's College Hospital and was awarded the FRCR in 2000. She has a special interest in the imaging of paediatric hepatobiliary diseases with particular expertise in the interpretation of radiological tests in complex hepatobiliary, pancreatic / paediatric surgical disorders, paediatric liver transplantation. She has also pioneered the use of contrast-enhanced ultrasound in the imaging of children with liver disease and following trauma. Dr Sellars is the author and co-author of a number of peer-reviewed publications and has lectured at national and international meetings.

Dr Dylan Lewis is a Consultant Radiologist at King's College Hospital. He graduated from University of Manchester Medical School with honours in 1998. After gaining the MRCP (UK) qualification, Dr Lewis commenced training in Radiology at King's College Hospital in 2003 and was appointed a consultant in 2010. He is the Radiology lead for emergency imaging for Kings College Hospital. Dr Lewis also specialises in hepatobiliary and interventional Radiology with a special focus on transplantation, oncology, trauma and adrenal imaging. He actively partakes in research and is author/co-author of papers and presentations across his areas of interest. Dr Lewis has been an invited speaker at national and international meetings.

Dr Suki Thomson is a Consultant Neuroradiologist at King's College Hospital.

Dr Stephen Gregory is a Consultant Diagnostic and Interventional Radiologist at King's College Hospital, appointed in 2014.

Dr Thoraya Ammar is a Consultant Interventional Radiologist at King's College Hospital, appointed in 2012. She graduated from the University of London and qualified in 1997.

Dr Bhavna Batohi is a Consultant MSK Radiologist at King's College Hospital, London. She qualified from University of London in 2009.

Booking Form

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Course on Tuesday 10 and Wednesday 11 April 2018,
at The RCEM, 7-9 Bream's Buildings,
Chancery Lane, London EC4A 1DT

COURSE FEE

Early bookers rates

(booking and paying before Fri 26 Jan 2018):
NHS: £525 (inc. VAT)

Standard rates

(booking and paying on or after Fri 26 Jan 2018):
NHS: £595 (inc. VAT)

Course fee includes lunch and refreshments, and
attendance CPD certificate.

How To Book

Complete delegate and payment details and post to:

Infomed Research and Training,
2nd Floor, Northside House,
69 Tweedy Road, Bromley BR1 3WA

You can also **BOOK ONLINE** at: www.infomedltd.co.uk

Confirmation, venue map and receipt will follow by email.

General queries: tel. 020 3236 0810,
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For information on accommodation: www.infomedltd.co.uk

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