

To book a place: www.infomedltd.co.uk
or call ☎ 020 3236 0810

Radiology in the Assessment of the Critically Ill Patient: CT and XR Interpretation

What the Consultant Intensivist needs to know

An intensive and interactive case-based course, with short lectures, to develop further your CT and XR interpretation practice

organised by Infomed Research & Training
on **Monday 11 and Tuesday 12 March 2019**,
at the Holiday Inn London - Bloomsbury,
Coram Street, London, WC1N 1HT



✓ Approval sought
from RCoA
for 11 CPD credits
CPD Matrix Code: 2C01

Target Audience

The course is aimed at **Consultants** and **SASGs in Intensive Care**, and **Consultant and SASG Anaesthetists** covering Intensive Care sessions.
Suitable also for **senior STs**.

Course Director

Dr Justin Kirk-Bayley, Consultant Anaesthetist and Intensivist, Royal Surrey County Hospital, Guildford

Course Faculty

Leading Consultant Radiologists and experienced in advancing the skills of other specialists

- **Dr Raj Das**, Consultant Radiologist, Glenfield Hospital, Leicester
- **Dr Tim Yusuf**, Consultant Radiologist, King's College Hospital, London
- **Dr Anish Raithatha**, ST in Radiology, Imperial College Healthcare NHS Trust
- **Dr Ana Nicolescu**, Consultant Radiologist, Barts Health NHS Trust
- **Dr Maureen Dumba**, Senior Neuroradiology Fellow, Imperial College Healthcare NHS Trust
- **Dr Emma Helm**, Consultant Radiologist, University Hospitals Coventry and Warwickshire NHS Trust
- **Dr Saipriya Ramji**, Consultant Neuroradiologist, Imperial College NHS Trust

About this unique Course

- ✓ **Numbers strictly limited. Two attendees per iMac workstation for peer interaction and learning**
 - ✓ Case based learning with short introductory lectures, offering guidance and practical knowledge
 - ✓ **Interactive discussions, what is relevant and significant, tips and take home messages that will change your interpreting practice**
- ### The Course will assist the Intensivist
- ✓ to understand **how radiological investigations can best be used** to assist in the management of critically ill patients (covering head and spine, chest, abdomen)
 - ✓ to **interpret** radiological investigations performed on critically ill patients
 - ✓ to acquire a **systematic approach** to image interpretation
 - ✓ to understand **what not to miss and why**, including life threatening problems, and **common errors to avoid**
 - ✓ to know **what investigation to ask** from the Radiologists and **when to ask for help!**
 - ✓ to understand the **key guidelines and protocols**
 - ✓ to understand the roles, advantages, disadvantages of modalities, i.e. Plain XR, US, CT and MR

Day 1: Monday 11 March 2019

08.30 – 09.30 **Registration, tea and coffee**

09.30 – 09.45

Introduction and OsiriX Briefing

- Aims of course
 - Understanding how radiological investigations can be used to aid management of critically ill patients
 - Interpreting radiological investigations performed on critically ill patients
- How to use OsiriX (for viewing DICOM images)

09.45 – 10.15

Introduction to CT

Dr Monica Arora, ST in Radiology,
Northwick Park

- Basic CT principles
- Tools for interpretation
- The 'language'
- Answering the clinical question
- Some example cases

Head and Spine

10.15 – 11.30

Cases: Trauma CT Head

Dr Saipriya Ramji, Consultant Neuroradiologist,
Imperial College NHS Trust

Cases including:

- Cranial vault and cranial base fractures
- Intracranial extra-axial injury
- Subarachnoid and intraventricular haemorrhage
- Cerebral contusion
- Brain herniation

11.30 – 12.00 **Tea and coffee**

12.00 – 12.30

Lecture: Acute Non-Traumatic CT Head

Dr Maureen Dumba, Senior Neuroradiology Fellow,
Imperial College Healthcare NHS Trust

- Normal variants
- CVA – timing of pathological changes
- When is it safe to LP?
- Role of perfusion CT

12.30 – 13.30

Cases: Acute Non-Traumatic CT Head

Dr Maureen Dumba, Senior Fellow, Radiology,
Imperial College Healthcare NHS Trust

Cases including:

- Meningitis
- Raised intracranial pressure
- Subarachnoid haemorrhage

13.30 – 14.15 **Lunch**

14.15 – 15.15

Lecture and Cases: C-Spine

Dr Anish Raithatha, ST in Radiology,
Imperial College Healthcare NHS Trust

- Key anatomy
- Clearing the C-Spine in the unconscious patient
- When to take off the collar – NICE guidelines?

Cases including:

- Differentiating between stable and unstable injuries
- Common injury patterns of the cervical spine
- Associated injuries, e.g. vascular dissection

Chest

15.15 – 15.30

Lecture: Chest Radiology

Consultant Radiologist [TBC]

- Key anatomy
- Synergism of CXR, USS and CT in chest diseases
- Systematic approach to interpretation
- Misplaced lines and tubes
- Supine CXR
 - Supine CXR vs. Erect
 - Lines and nodules
 - Life threatening problems

15.30 – 15.45 **Tea and coffee**

15.45 – 16.30

Cases: Supine CXR [compared to CT, US]

Dr Raj Das, Consultant Radiologist,
Glenfield Hospital, Leicester

Cases including:

- Collapse
- Heart failure
- Pleural effusions/empyema/Hx
- Px/tension Px
- Supine PTx
- Consolidation
- ARDS vs pulmonary oedema

16.30 – 17.30

Cases: CT Chest

Consultant Radiologist [TBC]

Cases including:

- Chest wall injury
- Trauma to the lung
- Mediastinal and vascular Injury
- Trauma to the heart and pericardium
- Diaphragm damage/dysfunction
- Aneurysms
- Fibrosis
- Bronchiectasis & airway disease
- ARDS
- Pulmonary embolism
- Barotrauma and ballistics
- Patterns of infections

17.45 **Close**

Day 2: Tuesday 12 March 2019

09.45 – 10.15 **Registration, tea and coffee**

10.15 – 12.00

Cases: CT Chest [CONTINUED]

Dr Emma Helm,

Consultant Radiologist,

University Hospitals Coventry and Warwickshire NHS Trust

12.00 – 12.20 **Tea and coffee**

Abdo

12.20 – 12.50

Lecture: Abdo Radiology

Dr Tim Yusuf, Consultant Radiologist,
King's College Hospital, London

- Key anatomy
- DD of gallstones/cholecystitis
- Renal tract
- Renal calculi – investigations
- AAA – stable/rupture
- Ovarian cysts and masses
- Uterus fibroids

12.50 – 13.30 **Lunch**

13.30 – 14.30

Cases: Abdo XR

Dr Tim Yusuf, Consultant Radiologist,
King's College Hospital, London

Cases including:

- Renal calculi
- Bowel obstruction/volvulus
- Faecal loading
- Bowel oedema and ascites

14.30 – 16.00

Cases: CT Abdo

Dr Ana Nicolescu,

Consultant Radiologist,

Barts Health NHS Trust

Cases including:

- Trauma:
 - Hepatobiliary and pancreatic trauma
 - Splenic trauma
 - Injuries to the urinary system and retroperitoneum
 - Vascular injuries
 - Bowel and mesenteric injury (the seat belt injury)
- Non-trauma:
 - Infections
 - Air in the wall
 - Abscesses/collections/ascites
 - Renal calculi
 - Renal problems
 - Bowel problems
 - Pancreatitis

16.00 – 16.15 **Tea and coffee**

Review

16.15 – 16.45

Further Cases:

Chest and Abdo Multi-Modality

Dr Tim Yusuf and Dr Ana Nicolescu

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

Course aim and learning outcomes

To provide the busy, 'hands-on' Consultant Intensivist with a practical, stimulating and comprehensive update on the best use of imaging in the assessment of the critically ill patient:

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

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

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

Comments by delegates at the previous courses

- Very good speakers running interactive sessions
- Two people to a computer, no big numbers in the room, good interaction throughout
- Relevant topics and very good cases
- Excellent computers – made the session
- Engaging speakers, each session was excellent
- Received very good formal teaching to give myself a quick start
- Lots of good images, all pitched at the right level
- Volume of images, CT head cases, CT chest cases
- Really good to be able to scroll through images ourselves
- I will not hesitate in going through details of images myself, of course, I will try to correlate with the report.
- I gained lots of new knowledge hence more confidence in reviewing
- I feel much more confident to review CT images (plus excellent revision of CXR and AXR)
- I am more likely to start interpreting for myself before getting radiology reports
- I will be more confident in CT imagery look for the subtle signs and how to describe them – understanding the radiologist view.
- Much more confidence in looking through images, fantastic course – thank you

Booking

Radiology in the Assessment of the Critically Ill Patient: What the Consultant Intensivist needs to know

on Monday 11 & Tuesday 12 March 2019, at the Holiday Inn London – Bloomsbury, Coram Street, London, WC1N 1HT

COURSE FEE (INC. VAT)

NHS: £525 (inc. VAT)

Fee includes lunch, refreshments and online access to lecture slides (pdf) in advance of the course. No printed material will be provided at the course.

HOW TO REGISTER

Book and pay ONLINE at www.infomedltd.co.uk or call us on 020 3236 0810.

Confirmation and receipt will be emailed to you.

Queries: 020 3236 0810

or e-mail: courses@infomedltd.co.uk

FOR TERMS & CONDITIONS VISIT WWW.INFOMEDLTD.CO.UK

Infomed Research and Training Limited. Registered in England No. 5200146. Registered Offices: Brooklands House, 4a Guildford Road, Woking GU22 7PX. VAT No. 887 8570 48

- 1) The subscription fee includes password protected web access to faculty 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.