

# 2nd Neuroradiology Workshop

*A two-day case-based interactive course*

This in-depth, practical and intensive course  
will cover most aspects of image interpretation  
that radiologists, neurologists and  
other clinicians will find useful in routine clinical practice.

organised by **Infomed Research and Training**  
on **Thursday 30 and Friday 31 January 2020**,  
at the Park Plaza County Hall Hotel,  
1 Addington Street, London SE1 7RY

## **COURSE DIRECTORS**

**Dr Sachit Shah,**  
Consultant Neuroradiologist  
National Hospital for Neurology  
and Neurosurgery, London

**Dr Gerardine Quaghebeur,**  
Consultant Neuroradiologist  
Oxford University Hospitals NHS Foundation Trust



# About the Course

## Course aims

This is a case-based neuro-radiology course with emphasis on clinical diagnosis, disease/pathology recognition and reporting style and content; concentrating on common pathology and further rare and eponymous cases that the clinician and radiologist might not see frequently but need to recognise on presentation. Key cases from years of neuroradiology experience in two days.

### To ensure that delegates are able to:

- identify the difference between CT and MRI scans of the brain and spine and their most appropriate use; identify important anatomic structures of the brain and spine; and identify and understand the use and value of basic MR sequences.
- identify basic patterns of disease on imaging so that delegates would feel comfortable when discussing the imaging findings of their patient using appropriate terminology.
- identify imaging characteristics of lesions to allow for narrowing of the differential diagnosis; and discuss the differential diagnosis. Very importantly, cases will focus on routine pathologies most relevant to day to day practice.
- understand the significance and appropriate use of imaging in helping to make the diagnosis.

## Target audience

- General radiologists and DGH radiologists who require further proficiency in neuroradiology;
- Consultant neurologists and senior neurology trainees
- Neuroradiology and general radiology trainees

## CPD Credits

This course provides **12 CPD credits** in accordance with the CPD Scheme of the Royal College of Radiologists.

## Learning outcomes

By the end of the course, delegates will:

- become more confident in their daily interpretation of neuroradiology imaging;
- have a more comprehensive understanding of brain and spine pathology and the relevant imaging findings;
- have a more in-depth understanding of appropriate use of imaging in differing pathologies and different diagnoses;
- have learned tips and tricks that would allow them to avoid common misses and pick up on subtle abnormalities, particularly in relation to topics that are often inconsistently reported.
- be confident and able to make a decision on when to refer.

## Course highlights

- Faculty of UK based Consultant Neuroradiologists who are experts in their fields and from different hospitals in the UK; they will concentrate on case-based learning without didactic lecturing
- Interactive case-based approach on iMac workstations to maximise learning, providing around 100 cases for you to interpret, and giving you immediate feedback following each case
- Excellent peer interaction and collaborative learning with 2 delegates per iMac workstation and a strict limit on the number of delegates

## Day 1: THURSDAY 30 January 2020

09.00 – 09.45 **Registration, tea and coffee**

09.45 – 10.00

### **WELCOME AND INTRODUCTION**

**including introduction to OsiriX**

**Dr Gerardine Quaghebeur, Dr Sachit Shah and  
Mr Jack Hodson**, Infomed Research & Training

10.00 – 10.50

### **ANATOMY, INCLUDING NORMAL VARIANTS, AND INTRODUCTION TO MR IMAGING SEQUENCES**

**Dr Charles Romanowski**, Consultant Neuroradiologist,  
Sheffield Teaching Hospitals NHS Foundation Trust

10.50 – 11.40

### **Paediatric pathologies (eg. specific on head injuries, tumours, strokes, etc.)**

**Prof Stavros Stivaros**, Honorary Consultant Paediatric  
Neuroradiologist in the department of Academic Department of  
Paediatric Radiology at the Royal Manchester Children's Hospital

11.40 – 12.00 **Tea and coffee**

12.00 – 12.50

### **TARGETED REGION-SPECIFIC ANATOMY AND DISEASES**

**Dr Jane Evanson**, Consultant Neuroradiologist,  
Barts Health NHS Trust

12.50 – 13.40 **Lunch**

13.40 – 14.30

### **NEURO OPHTHALMOLOGY**

**Dr Katherine Miszkiel**, Consultant Neuroradiologist,  
National Hospital for Neurology and Neurosurgery

14.30 – 15.20

### **OTHER VASCULAR DISORDERS**

**Dr Ata Siddiqui**, Consultant Neuroradiologist,  
King's College NHS Trust

15.20 – 15.40 **Tea and coffee**

15.40 – 16.30

### **BRAIN TUMOURS**

**Dr Samantha Mills**, Consultant Neuroradiologist,  
Walton Centre NHS Foundation Trust

16.30 – 17.20

### **NEUROINFECTIONS**

**(old, new and emerging)**

**Dr Chandrashekar Hoskote**, Consultant Neuroradiologist,  
National Hospital for Neurology and Neurosurgery

17.20 **Close**

## Day 2: FRIDAY 31 January 2020

08.45 – 09.30 **Registration, tea and coffee**

09.30 – 10.20

### **DEMENTIA**

**Prof Adam Waldman**, Chair of Neuroradiology,  
University of Edinburgh

10.20 – 11.10

### **EPILEPSY**

**Dr Jo Jarosz**, Consultant Neuroradiologist,  
King's College NHS Trust

11.10 – 11.30 **Tea and coffee**

11.30 – 12.20

### **MULTIPLE SCLEROSIS**

**Dr Gerardine Quaghebeur**, Consultant Neuroradiologist,  
Oxford University Hospitals NHS Foundation Trust

12.20 – 13.10

### **INFLAMMATORY DISEASES**

**Dr Indran Davagnanam**, Consultant Neuroradiologist,  
National Hospital for Neurology and Neurosurgery

13.10 – 13.50 **Lunch**

13.50 – 14.30

### **RARER PATHOLOGIES**

**(Metabolic and Neurodegenerative Disease)**

**Dr Gerardine Quaghebeur**, Consultant Neuroradiologist,  
Oxford University Hospitals NHS Foundation Trust

14.30 – 15.20

### **STROKE AND TRANSIENT ISCHAEMIC ATTACK**

**Dr Luke Dixon**, Consultant Neuroradiologist,  
National Hospital for Neurology and Neurosurgery

15.20 – 15.40 **Tea and coffee**

15.40 – 16.30

### **THE NEUROLOGICAL SPINAL CORD AND PLEXOPATHY**

**Dr Sachit Shah**, Consultant Neuroradiologist,  
National Hospital for Neurology and Neurosurgery

16.30 – 17.15

### **QUIZ**

**Dr Gerardine Quaghebeur and Dr Sachit Shah**

17.15 **Collection of Certificates of  
Attendance and close**

## The Faculty

A Faculty of established, practicing consultant radiologists, experts in their fields, with long and extensive experience in advanced Neuroimaging interpretation and reporting skills of peers nationally and internationally.



**Dr Gerardine Quaghebeur** is a diagnostic neuroradiologist with a subspecialty interest in paediatric neuroradiology. She has been a full time neuroradiologist in the neuroradiology department in Oxford, now based at the Oxford University Hospitals NHS Foundation Trust, for 21 years. Following medical training in South Africa she completed postgraduate training in London - initially in surgery and neurosurgery; and subsequently neuroradiology. She has a major interest in teaching and has lectured on and organised numerous courses. She is a past member of the Royal College of Radiologists Professional Learning and Development committee; and is the current Chair of the BSNR Standards Committee.



**Dr Sachit Shah** is a consultant in diagnostic neuroradiology at the National Hospital for Neurology and Neurosurgery at Queen Square. Dr Shah studied medicine at University College London, and undertook postgraduate training in medicine at Hammersmith and Guy's & St Thomas' Hospitals, and the National Hospital for Neurology and Neurosurgery. Following this, he trained in radiology at Imperial College Hospitals, before undertaking subspecialist training in neuroradiology on the Pan-London Neuroradiology Fellowship. In addition to wide ranging expertise including stroke, pituitary and dementia imaging, Dr Shah has a specialist interest in the imaging of peripheral nerve and muscle disorders. Dr Shah also holds an academic post at the UCL Institute of Neurology, and is a lecturer on the UCL Advanced Neuroimaging MSc programme.



**Dr Charles Romanowski** has been a Consultant Neuroradiologist in Sheffield since 1995. He trained in neuroradiology in Sheffield and Manchester. His clinical interest is in adult diagnostic neuroradiology, particularly neuro-oncology and the behaviour of low grade gliomas as well as imaging in dementia.

Charles is the organizer of the Sheffield Fundamentals of Neuroradiology Course, which is celebrating its 22nd year in 2019. He lectures nationally and internationally and is a faculty member on the Erasmus MRI Course and the European Course in Neuroradiology. He is an honorary member of the Polish Medical Society of Radiology. He has been closely involved in the development of the examination for the European Diploma in Neuroradiology (EDiNR). He is a section editor and author for the new European textbook – Clinical Neuroradiology.

Outside of work, he enjoys playing the piano, water-colour painting, exploring many aspects of his Polish heritage and renovating an eighteenth-century farmhouse in Derbyshire.



**Prof Stavros Stivaros** is Head of Paediatric Neuroradiology at the Royal Manchester Children's Hospital (RMCH), one of Europe's largest children's hospitals. As the Clinical Lead for the North of England Children's Epilepsy Surgery Service, which is commissioned across both RMCH and Alder Hey Children's Hospital (Liverpool), his clinical work covers a significant proportion of the paediatric population of the United Kingdom. He is Professor of Paediatric Neuroradiology and Translational Imaging at the University of Manchester, where he leads the paediatric multi-parametric imaging research group. He has a special interest in the imaging of the developing brain and the imaging of related disorders. His work on artificial intelligence techniques to fuse and analyse anatomical, physiological and functional imaging in specific disease groups, such as autism, Neurofibromatosis and children's brain tumours has won recognition as a winner of the Royal College of Radiology Crookshank Medal and at the International Society of Paediatric Neuro-oncology.



**Dr Jane Evanson** is the Lead Consultant Neuroradiologist at Barts Health NHS Trust having trained in Radiology at Charing Cross Hospital, the National Hospital for Neurology and Atkinson Morley's Hospital and also in Pittsburgh. She is a diagnostic Neuroradiologist with interests in Paediatric and Fetal MR, Neuro-Oncology, Skull Base imaging and Pituitary imaging.



**Dr Samantha Mills** has been a consultant diagnostic neuroradiologist since 2011. She previously did her radiology training as part of the North West Radiology Scheme and during her training undertook a joint RCR/CRUK funded PhD in Advanced Magnetic Imaging Technique for use in Neuro-oncology at the University of Manchester. She holds positions on the British Neuro-Oncology Society (BNOS) council and on the National Cancer Research Institute Brain Clinical subgroup. Her research interests include perfusion imaging in neuro-oncology (DCE-MRI) and she currently is involved with a number of collaborative neuro-oncology projects with the University of Liverpool, the University of Brighton and Sussex and Glasgow University.



**Dr Ata Siddiqui** was appointed as a Consultant Neuroradiologist in 2007. After his general radiology training, he undertook the Pan-London Neuroradiology fellowship, rotating across several major neuroscience centres/hospitals in London. His main interests are diagnostic neuroradiology and ENT (head and neck) imaging. He has authored several publications and regularly reviews manuscripts for journals such as Clinical Radiology and British Journal of Radiology. He has presented widely at national and international meetings. He regularly lectures at regional and national meetings. He is a member of the Royal College of Radiologists, British Society of Neuroradiologists and British Society of Head and Neck Imaging.

## About Infomed

[www.infomedltd.co.uk](http://www.infomedltd.co.uk)

Infomed has been organising medical conferences, courses and workshops for doctors (and other health professionals) since 2004. Most of its courses are for emergency physicians, intensivists, radiologists, anaesthetists, paediatricians and psychiatrists, and most are designed for Consultants. The events are approved for CPD by the appropriate College or Society where applicable.

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## Courses run by Infomed

Infomed runs over 50 courses per annum.

**Case-based imaging courses include:** MSK MRI Interpretation and Reporting, CT Imaging in Polytrauma, Head and Neck Imaging, Paediatric Radiology Update for the General Radiologist, Inflicted Injuries (NAI) for the Radiologist, The Stanmore Bone and Soft Tissue Tumours, The Stanmore In-depth MSK MRI Study Series and Emergency Radiology Workshops (in partnership with the British Society of Emergency Radiology).

Infomed is the leading company in the provision of a full range of courses in ultrasound, both introductory and advanced, for such specialists as emergency doctors, acute physicians, anaesthetists, intensivists, radiologists, orthopaedic surgeons, rheumatologists and sports physicians.

Other courses include:

- Emergency Radiology Update
- Practical Paediatrics Update
- Medical Update for the Psychiatrist
- Update for the General Anaesthetist
- Update on Paediatric Emergencies
- Paediatric Mental Health Update for the Consultant Paediatrician
- The First Critical Hours in the Emergency Department
- Anaesthesia for the Obese Patient
- The Resuscitation Symposium
- Regional Anaesthesia
- Neurology Update for the Psychiatrist
- Drugs for Medical Conditions: A Practical Update for the Psychiatrist
- Sedation and Regional Blocks in the Emergency Department

## Booking Form

### 2nd Neuroradiology Workshop

on **Thursday 30 and Friday 31 January 2020**,  
at the Park Plaza County Hall Hotel,  
1 Addington Street, London SE1 7RY

#### COURSE FEE

##### Doctors in Training [NHS]:

Early bookers discount until Mon 11 Nov 2019  
**£445**, then £495 (inc. VAT)

##### Consultants and SASGs [NHS]:

Early bookers discount until Mon 11 Nov 2019  
**£525**, then £575 (inc. VAT)

##### Private sector rate:

Early bookers discount until Mon 11 Nov 2019  
**£595** then, £695 (inc. VAT)

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

#### How To Book

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

Confirmation, venue map and receipt will follow by email.

General queries: tel. 020 3236 0810,  
e-mail [courses@infomedltd.co.uk](mailto:courses@infomedltd.co.uk)

#### DELEGATE DETAILS

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

Surname .....

Job Title .....

Hospital .....

Address .....  Home  Hospital

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

Tel .....

**Email \*** .....

\* Required for confirmation

Special needs and special dietary requirements

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## TERMS AND CONDITIONS

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.