



**Thursday 22<sup>nd</sup> November and Friday 23<sup>rd</sup> November 2018**

**Venue: Manor House (22<sup>nd</sup> November) and George Pickering Education Centre (23<sup>rd</sup> November), John Radcliffe Hospital, Oxford**

This two-day course is aimed at pediatric trainees, pediatric consultants, clinical fellows and specialist associates. It will provide the essential skills to perform and interpret neonatal cranial ultrasound on the neonatal unit. The course will cover:

- The use of the ultrasound machine, normal cerebral anatomy, standard and supplemental views
- Normal and abnormal brain development
- Preterm brain lesions
- Hypoxic-ischemic encephalopathy, perinatal stroke
- Central nervous system infections
- Diagnosis – Prognosis: How to tell the parents?

Lectures by local and invited speakers will be complemented with practical workshops. Endorsed by RCPCH.

#### **Testimonials on Previous Editions**

*Excellent course with good speakers, who were incredibly knowledgeable*

*Essentially the most clinically useful and relevant course I have attended, which was very reasonably priced. Thank you so much*

#### **Course Organisers**

Dr Fran O'Brien, Dr Ana Alarcon, Dr Neelam Gupta, Dr Eleri Adams

#### **Faculty**

Dr Ana Alarcon, Consultant Neonatologist, Sant Joan de Deu Hospital, University of Barcelona  
Dr Nuria Carreras, Neonatal Fellow, Sant Joan de Deu Hospital, University of Barcelona  
Prof Frances Cowan, Honorary Clinical Senior Lecturer, Imperial College London  
Dr David Evans, Consultant Neonatologist, North Bristol NHS Trust, Vicepresident RCPCH  
Prof Alfredo García-Alix, Consultant Neonatologist, Sant Joan de Deu Hospital, University of Barcelona  
Dr Neelam Gupta, Consultant Neonatologist, University Hospital Southampton  
Dr Cornelia Hagmann, Consultant Neonatologist, University Hospital of Zurich  
Prof Axel Heep, Consultant Neonatologist, Southmead Hospital, Bristol and University of Munich  
Dr Miriam Martinez-Biarge, Honorary Consultant Neonatologist, Imperial College London  
Dr Fran O'Brien, Consultant Neonatologist, Oxford University Hospitals (OUH)

## Day 1

08:30-09:00	Registration
09:00-09:15	Welcome and aims of the day (FOB)
09:15- 09:45	Role of cranial ultrasound in neonates (FOB)
09:45 -10:45	Practical lecture: Ultrasound machine (NG)
10:45-11:00	Coffee
11:00- 12:30	Practical lecture: Basic anatomy and ultrasound views (AA)
12:30- 13:00	Normal brain development (NC)
13:00-13:45	Lunch
13:45- 14:15	Case studies: warming up (NG)
14:15-15:00	Intraventricular haemorrhage and periventricular haemorrhagic infarction in the preterm infant (FC)
15:00-15:15	Coffee
15:15-15:45	Diagnosis and management of post haemorrhagic ventricular dilatation (AH)
15:45-16:30	White matter injury in the preterm infant (FC)
16:30-17:00	Case studies/live video: bringing it together (AH)

## Day 2

08:30-08:35	Welcome back and aims of the day (FOB)
08:35-09:15	Extended cranial ultrasound views and Doppler (CH)
09:15-10:00	Neonatal brain MRI: the basics (MMB)
10:00-10:45	The cerebellum (CH)
10:45-11:00	Coffee
11:00-11:45	Abnormal brain development (AGA)
11:45-12:45	Hypoxic-ischemic encephalopathy and perinatal stroke (MMB)
12:45-13:30	Lunch
13:30-14:15	Central nervous system infections (AA)
14:15-15:00	Case studies: consolidating knowledge (NG & CH)
15:00- 15:30	Cranial ultrasound protocol and how to report on cranial ultrasound findings (DE)
15:30-15:45	Coffee
15:45-17:00	Workshop: Communicating with parents about cerebral ultrasound findings (DE/FOB/EA/AA)
17:00-17:15	Certificates and feedback

**Registration:** Bookings taken through email and payment to be made after confirmation of place. Places would be allocated on a first come, first served basis. Registrations will be confirmed in writing through email.

**Registration fees:** Two-day course..... £210

Registration fees include all course materials, lunch and refreshments during the course. Accommodation is not included, but a list of local hotels is available.

Places are limited to 50, early booking is advised. Registration closes on 15<sup>th</sup> November 2018.

To register, please complete the application form overleaf and return with payment to the course administrator:

Ms Sue Hobson  
Neonatal Unit, Level 2,  
John Radcliffe Hospital, OX3 9DU  
Tel: 01865 221356  
Email: [Sue.Hobson@ouh.nhs.uk](mailto:Sue.Hobson@ouh.nhs.uk)

Payment can be made by cash or cheque (payable to Oxford University Hospitals NHS Foundation Trust)

**Cancellation:** Cancellations received in writing up to one calendar month before the course will be refunded less an administration fee of £5. Refunds will not be issued after that time unless the place can be refilled when the above conditions will apply.

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## THAMES VALLEY & WESSEX NEONATAL CRANIAL ULTRASOUND COURSE

**PLEASE COMPLETE THE FORM IN BLOCK CAPITALS AND RETURN WITH PAYMENT:**

Name.....  
Job title.....  
Work location .....  
Preferred mailing address .....  
.....Post code.....  
Tel ..... e-mail address.....