Lecturers

Prof. Brian D. Coley
Department of Paediatric Radiology, Children's Hospital Medical Center, Cincinnati, USA

Prof. George A. Taylor
Department of Radiology, Children's Hospital, Boston, USA

Prof. Michael Riccabona
Department of Paediatric Radiology, Graz University, Austria

Prof. Corinne Veyrac
Department of Paediatric Radiology, Montpellier University, France

Learning objectives of the Course

Ultrasound imaging of neonatal abdomen
- To understand limits and usefulness of gastrointestinal tract, liver, spleen and pancreas ultrasound imaging
- In the practical session, imaging tests will be made to help participants understand many practical issues of diagnosis

Ultrasound imaging of neonatal brain
- To become familiar with the different pathologic images of neonatal brain: morphology and haemodynamics
- In the practical session, imaging tests will be made to help participants understand many practical issues of diagnosis and the importance of ultrasound follow-up

Ultrasound imaging of neonatal urogenital tract
- To become familiar with the different pathologic images of neonatal urogenital tract and with renal haemodynamics
- In the practical session, imaging tests will be made to help participants understand many practical issues of diagnosis and the importance of ultrasound follow-up

Information

The theoretical-practical course is for paediatricians, neonatologists and paediatric radiologists and it is limited to 42 participants.
Practical sessions include tests for the participants and case discussions without direct examination of a baby.
The language of the course is English.

UEMS – European Union of Medical Specialists
UEMS credits will be applied for. They are valid all over Europe, the United States and Canada (reciprocity agreement with the American Medical Association).

CME – Continuing Medical Education (for Italian Participants only)
CME credits, requested to Ministry of Health, will be given to the participants of the course.

Registration fee
Registration received by **15 January 2012**:
€ 795.00 (VAT included)
Registration received by **10 March 2012**:
€ 930.00 (VAT included)
No on site registration.
The fee includes course materials, a CD with the lessons, coffee break and lunch each day.

Accommodation
AIM negotiated preferential rates with Residence Palazzo Ricasoli Hotel.
Double room double use € 150.00 per room per night, taxes and breakfast included.
Double room single use € 120.00 per room per night, taxes and breakfast included.

Information

Make sure to have your reservation made by **15 January 2012**: after this date rooms could not be guaranteed. A receipt will be sent as confirmation of your reservation.

Application
To make a registration and/or hotel reservation, please return the attached application form duly filled in to the Organizing Secretariat.

Cancellation
Cancellation must be sent in writing. You will receive a 75% refund of the participation fee in case of cancellation before **14 February 2012**. After this date no refunds will be possible.

Course venue

Palazzo Ricasoli Polihotels
Via delle Mantellate, 2 - Florence, Italy

Organizing Secretariat

AIM GROUP INTERNATIONAL

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2012 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 19-22 March 2012
Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre
Neonatology Department, AOU Careggi Hospital, Florence

Monday, 19 March

Ultrasound imaging of neonatal abdomen

Prof. Brian Coley
Prof. George Taylor

09:00-09:40 US basics, US requisites for abdomen US,
09:40-09:45 *Questions and answers*

09:45-10:50 Doppler assessment of the neonatal abdomen
10:50-10:55 *Questions and answers*

10:55-11:10 COFFEE BREAK

11:10-11:40 Neonatal hepatobiliary disease
11:40-11:45 *Questions and answers*

11:45-12:15 US of Neonatal Abdominal emergencies

12:15-13:00 Case studies and individual case presentation on discussion.

13:00-14:15 LUNCH

14:15-15:00 US of Neonatal Masses
15:00-15:05 *Questions and answers*

15:05-15:40 Spinal US
15:40-15:45 *Questions and answers*

15:45-17:30 Puzzling and Interesting cases

Tuesday, 20 March

Ultrasound imaging of neonatal thorax and urogenital tract

Prof. Michael Riccabona

9:00-10:30 US in the assessment of congenital malformations of the urogenital tract: requisites, common entities, value of US, additional imaging and recommendations for imaging algorithms
10:30:10:35 *Questions and answers*

10:35-10:50 COFFEE BREAK

10:50-11.50 US in neonatal urinary tract infection, cystic and parenchymal renal disease, including respective imaging algorithms
11:50-11:55 *Questions and answers*

11:55-12:55 US in vascular impairment, tumours, and miscellaneous other neonatal urogenital tract conditions, including respective imaging algorithms
12:55-13:00 *Questions and answers*

13:00-14:30 LUNCH

14:30-16:00 US in the neonatal chest

16:00-17:30 Questions, Discussion, and Case studies

Wednesday, 21 March

Ultrasound imaging of neonatal brain (First Part)

Prof. Corinne Veyrac

09:00-09:30 Normal brain and variants
09:30-09:35 *Questions and answers*

09:35-10:05 Intracranial haemodynamics and Doppler US
10:05-10:10 *Questions and answers*

10:10-10:40 Periventricular leukomalacia
10:40-10:45 *Questions and answers*

10:45-11:00 COFFEE BREAK

11:00-12:00 Haemorrhagic brain damage in the preterm neonate
12:00-12:05 *Questions and answers*

12:05-13:00 Puzzling and interesting cases

13:00-14:30 LUNCH

14:30-15:30 Hypoxic-ischemic encephalopathy in the term infant
15:30-15:35 *Questions and answers*

15:35-17:30 Case studies and individual case presentation and discussion

Thursday, 22 March

Ultrasound imaging of neonatal brain (Second Part)

Prof. Corinne Veyrac

09:00-09:40 Other haemorrhagic and Ischemic lesions in preterm or term infant
09:40-09:45 *Questions and answers*

09:45-10:05 Protocols of sonographic follow-up

10:05-11:05 Brain malformations and ultrasound
11:05-11:10 *Questions and answers*

11:10-11:25 COFFEE BREAK

11:25-12:25 Intracranial infection and brain ultrasound
12:25-12:30 *Questions and answers*

12:30-13:00 Puzzling and interesting cases

13:00-14:30 LUNCH

14:30-15:00 Cerebral vein thrombosis, some aspects
15:00-15:05 *Questions and answers*

15:05-15:45 Extracerebral fluid collections
15:45-15:50 *Questions and answers*

15:50-17:30 Case studies and individual case presentation and discussion