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

Florence, 16-19 March 2009

PROGRAMME

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

PRESIDENTS
Prof. F.F. Rubaltelli
Head of Neonatology Department, AOU Careggi Hospital, Florence

Prof. G. Scarselli
Director of Maternal-Neonatal Department, AOU Careggi Hospital, Florence

Information

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 15 February 2009. After this date no refunds will be possible.

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

Organizing Secretariat
AIM Group - AIM Congress
Florence Office
Viale G. Mazzini, 70
50132 Florence, Italy
Ph. +39 055 233861
Fax +39 055 2490246
www.aimgroup.eu
ultrasound2009@aimgroup.it

Lecturers

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

Prof. Dorothy Bulas
Department of Paediatric Radiology, The George Washington University Medical Center, USA

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

Learning objectives of the Course

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 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 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. It is limited to 40 participants (2 registrations are reserved for AOU Careggi).

Practical sessions include tests for the participant 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)
The Ministry of Health will give the CME credits to the participants of the course.

Registration fee
Registration received by 15 January 2009: € 600.00 (VAT included)
Registration received by 10 March 2009: € 720.00 (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 € 130.00 per room per night; taxes and breakfast included
Double room single use € 100.00 per room per night; taxes and breakfast included

Make sure to have your reservation made by 15 January 2009: after this date rooms could not be guaranteed. A receipt will be sent as confirmation of your reservation.
Monday, 16 March

Ultrasound imaging of neonatal brain
(First Part)

Prof. Corinne Veyrac

09.00-09.30 Normal brain and variants
09.30-09.40 Questions and answers
09.40-10.10 Intracranial haemodynamics and Doppler US
10.10-10.20 Questions and answers
10.20-10.50 Periventricular leukomalacia
10.50-11.00 Questions and answers
11.00-11.30 Coffee Break
11.30-12.30 Haemorrhagic brain damage in the preterm neonate
12.30-13.00 Questions and answers
13.00-14.15 LUNCH
14.15-15.15 Hypoxic-ischemic encephalopathy in the term infant
15.15-15.25 Questions and answers
15.25-15.50 Neonatal stroke and US
15.50-16.00 Questions and answers
16.00-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

Tuesday, 17 March

Ultrasound imaging of neonatal brain
(Second Part)

Prof. Corinne Veyrac

09.00-09.30 Atypical haemorrhagic lesions in preterm or term infant
09.30-09.40 Questions and answers
09.40-10.00 Protocols of sonographic follow-up
10.00-11.10 Brain malformations and ultrasound
11.00-11.10 Questions and answers
11.10-11.40 Coffee Break
11.40-12.40 Intracranial infection and brain ultrasound
12.40-13.00 Questions and answers
13.00-14.30 LUNCH
14.30-15.00 Cerebral vein thrombosis, some aspects
15.00-15.10 Questions and answers
15.10-15.50 Extracerebral fluid collections
15.50-16.00 Questions and answers
16.00-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

Wednesday, 18 March

Ultrasound imaging of neonatal abdomen

Prof. Dorothy Bulas

09.00-09.45 Fetal abdominal anomalies - prenatal imaging with postnatal correlation. How does this impact postnatal care?
09.45-10.00 Questions and answers
10.00-11.00 Neonatal ultrasound imaging of bowel emergencies: Why? How? and When?
11.00-11.10 Questions and answers
11.10-11.30 Coffee Break
11.30-12.20 Neonatal ultrasound imaging of the liver, spleen and pancreas
12.20-12.30 Questions and answers
12.30-13.00 Neonatal spine imaging
13.00-14.30 LUNCH
14.30-15.00 Musculoskeletal ultrasound imaging in the neonate - when can it help?
15.00-15.10 Questions and answers
15.10-16.15 PRACTICAL SESSION
16.15-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

(Second Part)

Prof. Dorothy Bulas

09.00-09.30 Normal brain and variants
09.30-09.40 Questions and answers
09.40-10.10 Intracranial haemodynamics and Doppler US
10.10-10.20 Questions and answers
10.20-10.50 Periventricular leukomalacia
10.50-11.00 Questions and answers
11.00-11.30 Coffee Break
11.30-12.30 Haemorrhagic brain damage in the preterm neonate
12.30-13.00 Questions and answers
13.00-14.15 LUNCH
14.15-15.15 Hypoxic-ischemic encephalopathy in the term infant
15.15-15.25 Questions and answers
15.25-15.50 Neonatal stroke and US
15.50-16.00 Questions and answers
16.00-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

Thursday, 19 March

Ultrasound imaging of neonatal urogenital tract

Prof. Michael Riccabona

09.00-09.30 US basics, US requisites, practical considerations and general approach to imaging the urogenital tract in the first year of life
09.30-09.45 Questions and answers
09.45-10.30 Modern US methods: Doppler sonography, contrast enhanced voiding urosonography and 3D/4D US in the urogenital tract
10.30-11.00 Questions and answers
11.00-11.30 Coffee Break
11.30-12.20 Neonatal ultrasound imaging of the bladder and renal tract
12.20-12.30 Questions and answers
12.30-13.00 Neonatal spine imaging
13.00-14.30 LUNCH
14.30-15.00 Musculoskeletal ultrasound imaging in the neonate - when can it help?
15.00-15.10 Questions and answers
15.10-16.15 PRACTICAL SESSION
16.15-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

(First Part)

Prof. Michael Riccabona

09.00-09.30 US basics, US requisites, practical considerations and general approach to imaging the urogenital tract in the first year of life
09.30-09.45 Questions and answers
09.45-10.30 Modern US methods: Doppler sonography, contrast enhanced voiding urosonography and 3D/4D US in the urogenital tract
10.30-11.00 Questions and answers
11.00-11.30 Coffee Break
11.30-12.20 Neonatal ultrasound imaging of the bladder and renal tract
12.20-12.30 Questions and answers
12.30-13.00 Neonatal spine imaging
13.00-14.30 LUNCH
14.30-15.00 Musculoskeletal ultrasound imaging in the neonate - when can it help?
15.00-15.10 Questions and answers
15.10-16.15 PRACTICAL SESSION
16.15-16.30 Coffee Break
16.30-17.30 PRACTICAL SESSION

(Second Part)