

Lecturers

Prof. Corinne Veyrac

Department of Paediatric Radiology,
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Prof. Dorothy Bulas

Department of Paediatric Radiology,
The George Washington University Medical
Center, USA

Prof. Michael Riccabona

Department of Paediatric Radiology,
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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 at the Union of European Medical Specialists. 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.

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 - Firenze, Italy

Organizing Secretariat



AIM Group - AIM Congress Florence Office

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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

Monday, March 16

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, March 17

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
- 10.00-11.00 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, March 18

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 (First Part)
- 16.15-16.30 Coffee Break
- 16.30-17.30 PRACTICAL SESSION (Second Part)

Thursday, March 19

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
- 11.30-12.30 US in the assessment of congenital malformations of the urogenital tract: common entities, value of US, additional imaging and recommendations for imaging algorithms
12.30-13.00 *Questions and answers*
- 13.00-14.30 LUNCH
- 14.30-15.30 US in inflammatory conditions, cystic and parenchymal renal disease, trauma and tumors. Imaging recommendations
15.30-16.00 *Questions and answers*
- 16.00-16.15 Coffee Break
- 16.15-17.30 PRACTICAL SESSION