

Lecturers

Prof. Michael Riccabona

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Prof. George A. Taylor

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Department of Paediatric Radiology,
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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. 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)

CME credits, requested to Ministry of Health, will be given to the participants of the course by U. O. Formazione AOU Careggi.

Registration fee

Registration received by **15 January 2011**:
€ 760.00 (20% VAT included)

Registration received by **10 March 2011**:
€ 880.00 (20% VAT included)

No on site registration.

The fee includes course materials, a CD with the lessons, coffee break and lunch each day.

VAT rules will change from January 1st, 2011. The above registration fee is valid for all invoices issued within December 31st, 2010 (updating will be available on line shortly)

Accommodation

AIM negotiated preferential rates with Residence Palazzo Ricasoli Hotel.

Double room double use € 140.00 per room per night, taxes and breakfast included.

Double room single use € 105.00 per room per night, taxes and breakfast included.

Information

Make sure to have your reservation made by **15 January 2011**: 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 2011**. After this date no refunds will be possible.

Course venue

Palazzo Ricasoli Polihotels

Via delle Mantellate, 2 - Florence, Italy

Organizing Secretariat



AIM Group Florence Office

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2011 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 14-17 March 2011

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

Neonatology Department,
AOU Careggi Hospital, Florence

PRESIDENTS

Prof. C. Dani

Head of Neonatology Department,
AOU Careggi Hospital, Florence

Prof. G. Scarselli

Director of Maternal-Neonatal Department,
AOU Careggi Hospital, Florence

Monday, 14 March

Ultrasound imaging of neonatal urogenital tract

Prof. Michael Riccabona

- 09:00-09:45 Physics and basic requisites of US as important for conducting US in neonates, including established US methods and approaches in neonatal US
- 09:45-10:00 *Questions and answers*
- 10:00-10:45 Modern US techniques as applicable in the first year of life (Doppler US, harmonic imaging, image compounding, contrast enhanced US, sonographic hydrocolon, 3D/4DUS)
- 10:45-11:00 *Questions and answers*
- 11:00-11:20 Coffee Break
- 11:20-12:50 US in the assessment of congenital malformations of the urogenital tract: common entities, value of US, additional imaging and recommendations for imaging algorithms
- 12:50-13:00 *Questions and answers*
- 13:00-14:30 LUNCH
- 14:30-16:00 US in inflammatory conditions, cystic and parenchymal renal disease, vascular impairment, and tumours. Imaging algorithms
- 16:00-16:15 *Questions and answers*
- 16:15-16:30 Coffee Break
- 16:30-17:30 Case studies and individual case presentation and discussion

Tuesday, 15 March

Ultrasound imaging of neonatal abdomen

Prof. George Taylor

- 09:00-09:40 Doppler assessment of the Neonatal Abdomen
- 09:40-09:50 *Questions and answers*
- 09:50-10:50 Surgical disease of the chest: Prenatal and post natal correlation
- 10:50-11:00 *Questions and answers*
- 11:00-11:20 Coffee Break
- 11:20-11:50 Neonatal hepatobiliary Disease
- 11:50-12:00 *Questions and answers*
- 12:00-12:30 US of Neonatal Abdominal emergencies
- 12:30-13:00 Case studies and individual case presentation an discussion
- 13:00-14:15 LUNCH
- 14:15-14:50 Spinal US
- 14:50-15:00 *Questions and answers*
- 15:00-15:50 US of Neonatal Masses
- 15:50-16:00 *Questions and answers*
- 16:00-16:15 Coffee Break
- 16:15-17:30 Puzzling and Interesting Cases

Wednesday, 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*
- 11:00-11:20 Coffee Break
- 11:20-12:20 Haemorrhagic brain damage in the preterm neonate
- 12:20-12:30 *Questions and answers*
- 12:30-13:00 Puzzling and interesting cases
- 13:00-14:15 LUNCH
- 14:15-15:15 Hypoxic-ischemic encephalopathy in the term infant
- 15:15-15:25 *Questions and answers*
- 16:00-16:15 Coffee Break
- 16:15-17:30 Case studies and individual case presentation and discussion

Thursday, 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
- 10:00-11:00 Brain malformations and ultrasound
- 11:00-11:10 *Questions and answers*
- 11:10-11:30 Coffee Break
- 11:30-12:30 Intracranial infection and brain ultrasound
- 12:30-12:40 *Questions and answers*
- 12:40-13:00 Puzzling and interesting cases
- 13:00-14:30 LUNCH
- 14:30-15:00 Cerebral brain thrombosis, some aspects
- 15:00-15:10 *Questions and answers*
- 15:10-15:50 Extracerebral fluid collections
- 15:50-16:00 *Questions and answers*
- 16:00-16:15 Coffee Break
- 16:15-17:30 Case studies and individual case presentation and discussion