

Lecturers

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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 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 **18 January 2013**:
€ 795.00 (VAT included)

Registration received by **11 March 2013**:
€ 960.00 (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.

Please be informed that, a City Tax ("Tassa di soggiorno") has been applied for all Florentine hotels (but also to camping, guest houses, rooms for rent, residences, farm holidays with different taxation). Hotel Palazzo Ricasoli requires a fee of 4 Euros per person, per night, to be paid at the check out directly to the hotel.

Information

Make sure to have your reservation made by **18 January 2013**: 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 **18 February 2013**. After this date no refunds will be possible.

Course venue

Palazzo Ricasoli Polihotels

Via delle Mantellate, 2 - Florence, Italy

Organizing Secretariat



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2013 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 18-21 March 2013
Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

Neonatology Department,
AOU Careggi Hospital, Florence

Monday, 18 March

08:45-9:00 **Dr. Antonio La Torre**
Introduction to the Course

Prof. Michael Riccabona

Ultrasound imaging in neonates:
Introduction - the theory, basics
and requisites

9:00-10:15 US-Physics, US theory, handling issues and practical tips and other basic requisites as important for conducting US in neonates revisited

10:15-10:30 *Questions and answers*

10:30-10:45 COFFEE BREAK

10:45-11:45 Modern US techniques applicable in the first year of life (harmonic imaging, image compounding, contrast enhanced US, Doppler US, sonographic enema, 3D/4DUS)

11:45-12:00 *Questions and answers*

Ultrasound imaging of neonatal
urogenital tract

12:00-13:00 US in the postnatal assessment of fetal hydronephrosis: common entities, value of US, additional imaging and recommendations for imaging algorithms

13:00-14:15 LUNCH

14:15-15:15 US in the assessment of other congenital malformations of the urogenital tract: common entities, value of US, additional imaging and recommendations for imaging algorithms

15:15-16:15 US in neonatal inflammatory conditions, cystic and parenchymal renal disease, vascular impairment and tumours

16:15-16:30 *Questions and answers*

16:30-17:30 Case studies, individual case presentation and discussion

Tuesday, 19 March

Prof. Veronica Donoghue

Hip Ultrasound

9:00-10:25 Technique, Normal & Abnormal exam.
Who to image?

10:25-10:30 *Questions and answers*

10:30-11:15 Case studies, discussion & quiz

11:15-11:30 COFFEE BREAK

Spine Ultrasound

11:30-12:10 Technique, Normal & Abnormal exam.
When to image?

12:10-12:15 *Questions and answers*

12:15-13:00 Case studies, discussion & quiz

13:00-14:15 LUNCH

Prof. Alan Daneman

Ultrasound imaging of neonatal
abdomen (First part)

14:15-15:15 Unique ultrasound appearances of the neonatal abdomen

15:15-16:15 The role of ultrasound in imaging the liver, biliary tract, spleen and pancreas in neonates

16:15-16:30 Puzzling & interesting cases

16:30-17:30 The role of ultrasound in ADRENAL imaging in neonates

Wednesday, 20 March

Prof. Alan Daneman

Ultrasound imaging of neonatal
abdomen (Second part)

08:45-10:15 The role of imaging the GASTROINTESTINAL tract in neonates

10:15-11:15 The role of ultrasound in imaging ABDOMINAL and PELVIC masses in neonates

11:15-11:30 COFFEE BREAK

11:30-12:15 The role of imaging the major vessels in abdomen and pelvis of neonates

12:15-13:00 Puzzling & interesting cases

13:00-14:15 LUNCH

Prof. George Taylor

Ultrasound imaging of neonatal
brain (First part)

14:15-14:45 Basic scanning technique

14:45-14:50 *Questions and answers*

14:50-15:20 Normal brain and variants

15:20-15:25 *Questions & answers*

15:25-15:55 Advanced scanning approaches intracranial

15:55-16:00 *Questions and answers*

16:00-16:45 Doppler hemodynamics

16:45-16:50 *Questions and answers*

16:50-17:30 Puzzling & interesting cases

Thursday, 21 March

Prof. George Taylor

Ultrasound imaging of neonatal
brain (Second part)

9:00-10:00 Brain injury in the premature

10:00-10:05 *Questions and answers*

10:05-10:40 Sonographic evaluation of hydrocephalus

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

10:45-11:00 COFFEE BREAK

11:00-11:55 Brain injury in the term and near term infant

11:55-12:00 *Questions and answers*

12:00-13:00 Puzzling & interesting cases

13:00-14:30 LUNCH

14:30-15:15 Intracranial infections

15:15-15:20 *Questions and answers*

15:20-16:00 Brain malformations

16:05-16:10 *Questions and answers*

16:10-16:30 Additional clinical doppler applications

16:35-17:30 Case studies and discussion