

Lecturers

Prof. George A. Taylor

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Prof. Paul Govaert

Department of Pediatrics at
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Prof. Alan Daneman

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Prof. Veronica Donoghue

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Prof. Michael Riccabona

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

Ultrasound imaging of neonatal spine and hip

- To understand the technique of the exam which needs high skill

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

A reduced registration fee will be applied for the participants who will register also to the "First Steps in Neonatal Brain US: an Amazing, adventurous Journey!" on Tuesday 18 March 2014.

Registration fee	by 20 January 2014	by 12 March 2014
(VAT included)	€ 895,00	€ 1.050,00

Reduced Registration fee	
(VAT included)	€ 795,00 € 950,00

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 sog-

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giorno") 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.

Make sure to have your reservation made by **20 January 2014**: 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 **19 February 2014**. After this date no refunds will be possible.

Course venue

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

Organizing Secretariat



AIM Group International
Florence Office

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2014 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 19-22 March 2014
Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

Neonatology Department,
AOU Careggi Hospital, Florence

Wednesday, 19 March

08.45-9.00 **Dr. Antonio La Torre**
Introduction to the Course
Neonatal ultrasound training:
does it need more?

Prof. George Taylor

Ultrasound imaging of neonatal brain (First part)

- 9.00-9.40 Advanced techniques
- 9.40-9.45 *Questions & Answers*
- 9.45-10.30 Cranial Doppler hemodynamics
- 10.30-10.45 *Questions & Answers*
- 10.45-11.00 COFFEE BREAK
- 11.00-11.55 Brain injury in the premature
- 11.55-12.00 *Questions & Answers*
- 12.00-12.55 Puzzling and Interesting cases
- 12.55-13.00 *Questions & Answers*
- 13.00-14.30 LUNCH
- 14.30-15.25 Brain injury in the term and nearterm infant
- 15.25-15.30 *Questions & Answers*
- 15.30-16.25 Posterior Fossa lesions
- 16.25-16.30 *Questions & Answers*
- 16.30-17.30 Puzzling and Interesting cases

Thursday, 20 March

Prof. Paul Govaert

Ultrasound imaging of neonatal brain (Second part)

- 9.00-9.40 Intracranial infections
- 9.40-9.45 *Questions & Answers*
- 9.45-10.30 Brain malformations
- 10.30-10.45 *Questions & Answers*
- 10.45-11.00 COFFEE BREAK
- 11.00-11.55 Advanced cranial doppler
- 11.55-12.00 *Questions & Answers*
- 12.00-13.00 Case studies and discussion
- 13.00-14.00 LUNCH

Prof. Alan Daneman

Ultrasound imaging of neonatal abdomen (First part)

- 14.00-15.00 Normal sonographic anatomy of the viscera and vessels of the neonatal abdomen and pelvis
- 15.00-16.30 Sonography of the liver, spleen, biliary tract, pancreas and adrenals in neonates
- 16.30-17.00 *Multiple choice questionnaire*
- 17.00-17.30 Abdominal and pelvic masses in neonates (First part)

Friday, 21 March

Prof. Alan Daneman

Ultrasound imaging of neonatal abdomen (Second part)

- 9.00-10.00 Abdominal and pelvic masses in neonates (Second part)
- 10.00-11.15 Sonography of the gastrointestinal tract in neonates
- 11.15-11.30 COFFEE BREAK
- 11.30-12.30 Sonography of vascular abnormalities and vascular access in neonates
- 12.30-13.00 *Multiple choice questionnaire*
- 13.00-14.00 LUNCH

Prof. Veronica Donoghue

Ultrasound imaging of neonatal spine

- 14.00-15.00 Technique, normal and abnormal exam. When to image?
- 15.00-15.30 *Case studies, discussion and quiz*

Ultrasound imaging of neonatal hip

- 15.30-16.30 Technique, normal and abnormal exam. When to image?
- 16.30-17.30 Practical aspects of the hip US, what mistakes ?

Saturday, 22 March

Prof. Michael Riccabona

Ultrasound imaging of neonatal urogenital tract

- 8.45-10.00 US tools and requisites essential for imaging the neonatal urogenital tract ? Including modern imaging approaches (Doppler US in the urogenital tract, ce-VUS,3DUS.)
- 10.00-11.15 US in the postnatal assessment of fetally detected hydronephrosis: common entities, value of US, additional imaging and recommendations for imaging algorithms
- 11.15-11.30 COFFEE BREAK
- 11.30-13.00 US in the assessment of other congenital malformations of the urogenital tract: common entities, value of US, additional imaging and recommendations for imaging algorithms
- 13.00-14.30 LUNCH
- 14.30-16.00 US in other neonatal conditions: inflammatory, cystic, parenchymal, vascular and tumorous renal disease, as well as miscellaneous other queries.
- 16.00 -16.15 *Questions & Answers*
- 16.15-17.30 *Case studies, individual case presentation, questions and answers, and discussion*