

Lecturers

Prof. George A. Taylor

Department of Radiology
Children's Hospital, Boston, USA

Prof. Paul Govaert

Department of Pediatrics at
Koningin Paola Kinderziekenhuis
Antwerpen, Belgium

Prof. Alan Daneman

Department of diagnostic Imaging
Hospital for Sick Children
University of Toronto, Canada

Prof. Veronica Donoghue

Department of Radiology, Children's University
Hospital, Dublin - Ireland

Prof. Michael Riccabona

Department of Paediatric Radiology
Graz University, Austria

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-

Information

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

Viale G. Mazzini, 70 - 50132 Florence, Italy
Ph. +39 055 23388.1 - Fax +39 055 2480246
web.aimgroupinternational.com/2014/ultrasound
ultrasound2014@aimgroup.eu

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*