

Lecturers

Prof. Michael Riccabona

Department of Radiology
Division of Paediatric Radiology
University Hospital LKH, Graz, Austria

Dr. Eoghan Laffan

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

Prof. Alan Daneman

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

Prof. George A. Taylor

Department of Radiology
Children's Hospital, Boston, USA

Learning objectives of the Course

Ultrasound imaging of the urogenital tract in neonates and infants

- 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 chest

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

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.

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 Specialist

An application has been made to the EACCME® for CME accreditation of this event.

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 "2017 First Steps in Neonatal Brain US: an amazing, adventurous Journey!" on Tuesday 14 March 2017.

Registration fee (VAT included)	by 20 January 2017 € 895,00	by 6 March 2017 € 1.050,00
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Reduced Registration fee (VAT included)	€ 795,00	€ 950,00
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No on site registration available.

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

Accommodation

AIM negotiated preferential rates with Hotel Palazzo Ricasoli.

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 for camping, guest houses, rooms for rent,

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residences, farm holidays with different taxation). Hotel Palazzo Ricasoli requires a fee of 4,5 Euros per person, per night, to be paid at the check out directly to the hotel.

Make sure to proceed with your reservation by **20 January 2017**: 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 **15 February 2017**. 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/2017/ultrasound
ultrasound2017@aimgroup.eu

2017 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 15-18 March 2017
Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

*Neonatology Department,
AOU Careggi Hospital, Florence*

Wednesday, 15 March

08.45-9.15 **Dr. Antonio La Torre**
Introduction to the Course
Neonatal ultrasound training:
does it need more?

Prof. Michael Riccabona

Ultrasound imaging of the
urogenital tract in neonates
and infants

9.15-9.45 Basics of US in neonates and infants –
revisiting important physics, applications,
tips and tricks

9.45-10.15 Doppler US and modern US methods – as
far as important and useful for diagnostic
US in neonates and infants

10.15-11.00 Urogenital tract US - normal US findings in
neonates and infants

11.00-11.15 COFFEE BREAK

11.15-13.00 Urogenital tract US – congenital
malformations and conditions in neonates
and infants

13.00-14.30 LUNCH

14.30-15.00 Urogenital tract US in neonates and infants
– genetic and hereditary conditions

15.00-16.00 Urogenital tract US – acquired disease in
neonates and infants

16.00-16.30 Urogenital tract US in infancy: what to do
with neonatally diagnosed conditions
for follow-up? Imaging algorithms and
beyond ...

16.30-17.30 Urogenital tract US in neonates and infants
– interactive case discussion

Thursday, 16 March

Dr. Eoghan Laffan

Ultrasound imaging
of neonatal chest

8.30-9.30 Neonatal Chest Ultrasound

9.30-9.45 *Questions & Answers*

9.45-10.30 Neonatal Spine Ultrasound

10.30-10.45 *Questions & Answers*

10.45-11.00 COFFEE BREAK

11.00-12.00 Practical notes of the technique by
teacher's exam of a baby.

12.00-13.00 Case studies, discussion, multiple choice
quiz with audience participation

13.00-14.15 LUNCH

Prof. George A. Taylor

Ultrasound imaging
of neonatal brain (first part)

14.15-14.45 Basic Scanning Techniques

14.45-14.50 Review of unknown case and questions &
answers

14.50-15.20 Normal brain and variants

15.20-15.25 Review of unknown case and questions &
answers

15.25-15.55 Advanced Intracranial Scanning
Approaches

15.55-16.00 *Questions & Answers*

16.00-16.45 Doppler Hemodynamics

16.45-16.50 *Questions & Answers*

16.50-17.30 Puzzling & interesting cases

Friday, 17 March

Prof. George A. Taylor

Ultrasound imaging
of neonatal brain (second part)

9.00-10.00 Brain Injury in the Premature

10.00-10.05 *Review of unknown case and
questions & answers*

10.05-10.40 Sonographic evaluation of Hydrocephalus

10.40-10.45 *Review of unknown case and
questions & 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 & Answers*

12.00-13.00 Puzzling & interesting cases

13.00-14.30 LUNCH

14.30-15.15 Cerebellar development and pathology

15.15-15.20 *Review of unknown case and
questions & answers*

15.20-16.00 Intracranial Infections

16.00-16.10 *Review of unknown case and
questions & answers*

16.10-16.30 Additional Clinical Doppler Applications

16.30-17.30 Case studies and discussion

Saturday, 18 March

Prof . Alan Daneman

Ultrasound imaging
of neonatal abdomen

8.30-10.00 Neonatal abdomen and pelvis: optimizing
US technique, review normal anatomy,
catheter positions and artefacts

10.00-11.15 *Unknown cases – Quiz*

11.15-11.30 COFFEE BREAK

11.30-13.00 Neonatal adrenal, pancreas, liver, biliary
tract and spleen-US appearance of
pathologic findings

13.00-14.00 LUNCH

14.00-15.30 Neonatal G.I. tract – review of normal
anatomy and emphasis on malrotation and
NEC

15.30-16.45 Neonatal abdominal and pelvic masses –
differential diagnosis, the role of US
relative to other modalities and
“disappearing masses”

16.45-17.30 Vascular abnormalities in the neonatal
abdomen and pelvis – vascular lesions and
catheter complications