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 and spine

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

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

Information

The Course is for paediatricians, neonatologists and paediatric radiologists, sonographers and it is limited to 42 participants.
Tests for the participants and case discussions will be done.
The language of the Course is English.

UEMS/EACCME Accreditation:
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

	by 18 September 2020	by 20 October 2020
Registration fee (VAT 22% included)	€ 910,00	€ 1.070,00

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 soggiorno") has been applied for all Florentine hotels (but also for camping, guest houses, rooms for rent, residences, farm holidays with different taxation).
Hotel Palazzo Ricasoli requires a fee of 4,9 Euros per person, per night, to be paid at the check out directly to the hotel.

Information

Make sure to proceed with your reservation by **8 September 2020**: after this date rooms could not be guaranteed. A receipt will be sent as confirmation of your reservation.

Application
In order to submit your registration and/or hotel reservation, please visit the website

web.aimgroupinternational.com/2020/ultrasound

Cancellation
Cancellation must be sent in writing. You will receive a 75% refund of the participation fee in case of cancellation before **18 September 2020**
After this date no refunds will be possible.

Course venue

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

Provider E.C.M.

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2020 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 27-30 October 2020
Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre
Neonatology Department,
AOU Careggi Hospital, Florence, Italy

Tuesday, 27 October

08.45-9.15 **Dr. Antonio La Torre**
Introduction to the Course
Neonatal ultrasonography: training and safety

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 – genetic and hereditary conditions

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

16.00-16.45 Urogenital tract US in infancy: what to do with neonatally diagnosed conditions for follow-up? Imaging algorithms and beyond …

16.45-17.00 BREAK

17.00-17.30 Urogenital tract US in neonates and infants – interactive case discussion

Wednesday, 28 October

Dr. Eoghan Laffan

Ultrasound imaging of neonatal chest, spine, vascular access and other uses for US

8.30-9.15 Neonatal Chest US

9.15-10.00 Neonatal Lung US

10.00-10.45 Neonatal Spine US

10.45-11.00 COFFEE BREAK

11.00-11.30 US for vascular access

11.30-12.00 Case studies, multiple choice quiz with audience participation

12.00-13.00 Practical notes of the technique by teacher's exam of a baby

13.00-14.30 LUNCH

Prof. Alan Daneman

Ultrasound imaging of neonatal abdomen (first part)

14.30-16.00 Neonatal abdomen and pelvis: optimizing US technique, review of normal visceral and vascular anatomy, artefacts and catheter evaluations

16.00-17.00 Neonatal adrenal, pancreas, liver, biliary tract and spleen: US appearances of pathological findings

17.00-17.30 Interesting cases and tests for the participants

Thursday, 29 October

Prof. Alan Daneman

Ultrasound imaging of neonatal abdomen (second part)

8.30-9.30 Neonatal gastrointestinal tract: normal US appearances and the role of US in evaluating malrotation and other congenital G.I. obstrucions

9.30-10.30 Neonatal gastrointestinal tract: the role of US in evaluating intestinal perfusion and necrotizing enterocolitis

10.30-11.00 Neonatal abdominal and pelvic masses: differential diagnosis, the role of US relative to other modalities and "disappearing masses" (first part)

11.00-11.15 COFFEE BREAK

11.15-12.00 Neonatal abdominal and pelvic masses: differential diagnosis, the role of US relative to other modalities and "disappearing masses" (second part)

12.00-13.00 Interesting cases and tests for the participants

13.00-14.15 LUNCH

Prof. George A. Taylor

Ultrasound imaging of neonatal brain (first part)

14.15-14.45 Basic Scanning Technique

14.45-14.50 *Unknown case, questions and answers*

14.50-15.20 Normal Development and variants

15.20-15.25 *Unknown case, questions and answers*

15.25-15.55 Advanced scanning approaches and technique

15.55-16.00 *Questions and answers*

16.00-16.45 Introduction to Doppler Cerebral Hemodynamics

16.45-16.50 *Questions and answers*

16.50-17.30 Instructive cases and discussion

Friday, 30 October

Prof. George A. Taylor

Ultrasound imaging of neonatal brain (second part)

9.00-10.00 Brain Injury in the Premature

10.00-10.05 *Unknown case, questions and answers*

10.05-10.40 Anatomic and Hemodynamic Evaluation of Hydrocephalus

10.40-10.45 *Unknown case, questions and answers*

10.45-11.00 COFFEE BREAK

11.00-11.55 Brain Injury in Term and Near Term Infants

11.55-12.00 *Questions and answers*

12.00-13.00 Instructive cases and discussion

13.00-14.30 LUNCH

14.30-15.15 Posterior Fossa: Normal and Pathologic Findings

15.15-15.20 *Unknown case, questions and answers*

15.20-16.00 Intracranial Infections

16.00-16.10 *Unknown case, questions and answers*

16.10-16.30 Cerebral Doppler in Clinical Practice

16.30-17.30 Interesting cases and discussion

CME Test