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

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Registration fee		
(VAT 22% included)	€ 910,00	€ 1.070,00

by 27 January 2020

by 16 March 2020

From the beginning of January 2020 the Italian Government could increase VAT from 22% to 25%, if it be so, the registration fee will be higher. No on site registration.

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

Accommodation

to the hotel.

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 4,8 Euros per person, per night, to be paid at the check out directly

Information

Make sure to proceed with your reservation by **27 January 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 **14 February 2020**. After this date no refunds will be possible.

Course venue

Palazzo Ricasoli Polihotels

Via delle Mantellate, 2 - Florence, Italy

Provider E.C.M.

AIM Education

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Organizing Secretariat



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

Florence, 24-27 March 2020 Palazzo Ricasoli Polihotels

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

Neonatology Department, AOU Careggi Hospital, Florence, Italy

Tuesday, 24 March

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, 25 March

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, 26 March

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, 27 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 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