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 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 theoretical-practical Course is for paediatricians, neonatologists and paediatric radiologists and it is limited to 42 participants.

Practical sessions include phantom US exam, tests for the participants and case discussions.

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 25 January 2019	by 8 March 2019
Registration fee		
(VAT included)	€ 900,00	€ 1.055,00

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 4,8 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 **25 January 2019** 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/2019/ultrasound

Cancellation

Cancellation must be sent in writing. You will receive a 75% refund of the participation fee in case of cancellation before **15 February 2019**. After this date no refunds will be possible.

2019 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 19-22 March 2019
Palazzo Ricasoli Polihotels

PROGRAMME

Course venue

Palazzo Ricasoli Polihotels

Via delle Mantellate, 2 - Florence, Italy

Organizing Secretariat



Viale G. Mazzini, 70 - 50132 Florence, Italy Ph. +39 055 23388.1 - Fax +39 055 2480246 web.aimgroupinternational.com/2019/ultrasound ultrasound2019@aimgroup.eu

DIRECTOR

Dr. Antonio La Torre

Neonatology Department, AOU Careggi Hospital, Florence

Tuesday, 19 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 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
- 17.30-18.45 Practical Session
 The paediatric abdomen US exam by training abdomen phantom

Wednesday, 20 March

Dr. Eoghan Laffan

Ultrasound imaging of neonatal chest

8.30-9.15 Neonatal Chest Ultrasound
9.15-10.00 Neonatal Lung Ultrasound
10.00-10.45 Neonatal Spine Ultrasound
10.45-11.00 COFFEE BREAK
11.00-11.30 Small Parts Ultrasound
11.30-12.30 Practical notes of the technique by teacher's exam of a baby
12.30-13.00 Case studies, multiple choice quiz with audience participation
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, artefacts, review of normal anatomy, catheter positions 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

17.30-19.00 Practical Session
The paediatric abdomen US exam by training abdomen phantom

Thursday, 21 March

Prof. Alan Daneman

Ultrasound imaging of neonatal abdomen (second part)

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8.30-9.30	The role of sonography in evaluation of the GI tract in neonates
9.30-10.30	The role of sonography in evaluation of neonates with NEC and the splanchnic circulation.
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)

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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, 22 March

Prof. George A. Taylor

Ultrasound imaging of neonatal brain (second part)

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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	Neonatal Imaging in Rwanda: Challenges and Clinical cases

Case studies and discussion

CME Test