

Lecturers

Prof. Alan Daneman

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Dr. Antonio La Torre

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Prof. Michael Riccabona

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Division of Paediatric Radiology
University Hospital LKH
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Prof. George A. Taylor

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Learning objectives

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
- The imaging tests help the participants to 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 requires high skill.

Ultrasound imaging of neonatal abdomen

- To understand limits and usefulness of gastrointestinal tract, liver, spleen and pancreas ultrasound imaging
- The imaging tests help the participants to 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
- The imaging tests help the participants to understand many practical issues of diagnosis and the importance of ultrasound follow-up.

Basic concepts of US Physics and Quality Assurance

- To understand some basic elements of the US machine functioning and its Quality Assurance and Safety.

Information

Information

The Course is for paediatricians, neonatologists, paediatric radiologists and sonographers. It is limited to 50 on-site participants.
The language of the Course is English.

Course venue

GRAND HOTEL ADRIATICO
Via Maso Finiguerra, 9
50123 Florence, Italy

UEMS - European Union of Medical Specialist

*An application will be made to the EACCME for CME accreditation of this event.
Only for the on-site participants*

CME (ECM) – Continuing Medical Education

An application will be made to the CME accreditation of this event for the Italian participants.

REGISTRATION FEE FOR ON-SITE PARTICIPATION	Early bird fee by 25 February	Regular fee from 26 February*
Italian, European or Non European Individuals or Companies	€ 960,00 (VAT 22% included)	€ 1.200,00 (VAT 22% included)

* It is not possible to register on-site

The fee includes: course material, certificate of attendance, accredited certification, coffee break and lunch each day.

REGISTRATION FEE FOR ON-LINE PARTICIPATION	Early bird fee by 25 February	Regular fee from 26 February
Italian, European or Non European Individuals or Companies	€ 550,00 (VAT 22% included)	€ 700,00 (VAT 22% included)

* Online participants will receive a link to join the course

Information

Payment

The payment of the registration fee can be done as follows:

By Bank transfer to

AIM Italy Srl
Banca Intesa Sanpaolo (Milan – nr. 01882)
IBAN: IT57 D030 6909 4571 0000 0005 623
SWIFT/BIC: BCITITMM

Please state the name of the participant and the name of the Course and send a copy of the bank transfer by email:
ultrasound2026@aimgroup.eu

By Credit Card

All major credit cards are accepted (VISA, Mastercard).

Application

In order to submit your registration please visit the website:
web.aimgroupinternational.com/2026/ultrasound

Cancellation

The cancellation should be notified to the Organizing Secretariat (ultrasound2026@aimgroup.eu) in writing only. The registration fees less than 25% administrative charges will be refunded if the cancellation is announced before February 19, 2026. After this date no refund will be possible. Refunds will be processed and issued 60 days after the Course.

Accommodation

The Organizing Secretariat negotiated preferential rates with Grand Hotel Adriatico.
Individual participants can book directly on the hotel website (www.hoteladriatico.it) by entering the discount code NEONATALCOURSE2026. The booking deadline with the discount rate is February 20, 2026 or until availability lasts.

Provider

 **AIM EDUCATION**
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Organizing Secretariat

 **AIM GROUP INTERNATIONAL**
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2026 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Florence, 16-19 March 2026
Grand Hotel Adriatico

PROGRAMME

DIRECTOR

Dr. Antonio La Torre

*Neonatology Department
AOU Careggi Hospital
Florence, Italy*

MONDAY, 16 March 2026

Morning

Dr. Antonio La Torre

08.30-08.50	Introduction to the Course: the problems and the future of Ultrasonography
08.50-09.30	The corner of US Physics: what is useful to remember? (first part)
09.30-09.35	<i>Questions and Answers</i>
09.35-10.25	The corner of US Physics: what is useful to remember? (second part)
10.25-10.30	<i>Questions and Answers</i>
10.30-10.50	COFFEE BREAK

Prof. Alan Daneman

US imaging of Neonatal Abdomen

10.50-11.30	Optimizing technique and unique sonographic anatomy in the neonatal abdomen
11.30-11.35	<i>Questions and Answers</i>
11.35-12.20	US of the gastrointestinal tract: obstructions and other anomalies
12.20-12.25	<i>Questions and Answers</i>
12.25-12.55	US of neonatal liver and spleen
12.55-13.00	<i>Questions and Answers</i>
13.00-14.00	LUNCH

Afternoon

Prof. Alan Daneman

14.00-14.50	US of necrotizing enterocolitis: US appearances,classification and pitfalls
14.50-15.00	<i>Questions and Answers</i>
15.00-15.50	US of neonatal abdominal and pelvic masses
15.50-16.00	<i>Questions and Answers</i>
16.00-17.00	Abdomen US in neonates-interactive case discussion
17.00-19.00	Practical Session with neonatal US simulator.

TUESDAY, 17 March 2026

Morning

Dr. Antonio La Torre

08.30-09.00	The corner of US Physics: what is useful to remember? (third part)
09.00-09.05	<i>Questions and Answers</i>

Prof. George A. Taylor

US imaging of Neonatal Brain (First part)

09.05-09.45	Basic Scanning Technique
09.45-09.50	<i>Questions and Answers</i>
09.50-10.25	Normal Development and variants
10.25-10.30	<i>Questions and Answers</i>
10.30-10.50	COFFEE BREAK
10.50-11.35	Advanced Scanning Approaches & Techniques
11.35-11.45	<i>Questions and Answers</i>
11.45-12.15	Introduction to Doppler: vascular anatomy and hemodynamics
12.15-12.25	<i>Questions and Answers</i>
12.25-12.55	Cerebral doppler in clinical practice
12.55-13.00	<i>Questions and Answers</i>
13.00-14.00	LUNCH

Afternoon

Prof. George Taylor

14.00-14.40	Anatomic and Hemodynamic Evaluation of Hydrocephalus
14.40-14.50	<i>Questions and Answers</i>
14.50-15.30	Brain injury in the premature
15.30-15.40	<i>Questions and Answers</i>
15.40-16.20	Brain injury in the Term & near-term infant
16.20-16.30	<i>Questions and Answers</i>
16.30-17.00	Ultrasound of neonatal CNS infections
17.00-17.10	<i>Questions and Answers</i>
17.00-19.00	Practical Session with neonatal US simulator.

WEDNESDAY, 18 March 2026

Prof. George Taylor

US imaging of Neonatal Brain (Second part)

08.30-09.10	Interactive cases
09.10-09.20	<i>Questions and Answers</i>
09.20-10.00	X-Ray Diagnosis: difficult cases

Dr. Eoghan Laffan

10.00-10.20	A personal view of Firenze
10.20-10.50	COFFEE BREAK

Prof. Michael Riccabona

US of the urogenital tract in neonates & infants (First part)

10.50-11.30	How to do a good sonographic assessment of the neonatal urogenital tract, including special investigations such as ce-VUS or US genitography
11.30-12.15	Normal findings in neonates
12.15-12.20	<i>Questions and Answers</i>
12.20-13.00	Congenital conditions-CAKUT: the role of US in these conditions in neonates and common findings, with reference to additional or alternative imaging and follow-up
13.00-13.10	<i>Questions and Answers</i>
13.10-14.10	LUNCH

Afternoon

Prof. Michael Riccabona

14.10-15.00	Urinary tract dilatation in neonates - how to address and how to follow-up
15.00-15.10	<i>Questions and Answers</i>
15.10-15.50	Other congenital, hereditary or genetic conditions as relevant for neonatal UGT imaging - with focus on cystic kidney disease
15.50-16.00	<i>Questions and Answers</i>
16.00-16.40	Role of sonography in congenital malformations of the neonatal genitalia, particularly also addressing undetermined sexual development, as well as important acquired neonatal genital conditions
16.40-16.50	<i>Questions and Answers</i>

THURSDAY, 19 March 2026

Morning

Prof. Michael Riccabona

US of the urogenital tract in neonates & infants (Second part)

08.30-09.10	Common or important acquired urinary tract diseases in neonates and infants: urinary tract infection (and vesico-ureteric reflux), trauma, vascular impairment and others
09.10-09.20	<i>Questions and Answers</i>
09.20-09.50	Miscellaneous other acquired conditions of the urogenital tract, with some remarks on important tumours relevant for neonates (and infants)
09.50-10.30	Interactive case discussion
10.30-10.50	COFFEE BREAK

Dr. Eoghan Laffan

US imaging of Neonatal Spine and Chest

10.50-11.20	Neonatal Spine US (first part)
11.20-11.50	Neonatal Spine US (second part)
11.50-12.00	<i>Questions and Answers</i>
12.00-12.55	Neonatal Chest US
12.55-13.00	<i>Questions and Answers</i>
13.00-14.00	LUNCH

Afternoon

Dr. Eoghan Laffan

14.00-14.45	Neonatal Lung US (first part)
14.45-14.50	<i>Questions and Answers</i>
14.50-15.30	Neonatal Lung US (second part)
15.30-15.40	<i>Questions and Answers</i>
15.40-16.15	Other Uses of Ultrasound in the neonate
16.15-16.20	<i>Questions and Answers</i>

Dr. Antonio La Torre

16.20-17.00	Quality Assurance and Safety in US
17.00	Closing of the Course