

## Lecturers

### Prof. Alan Daneman

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

### Dr. Eoghan Laffan

Children's Health Ireland at Crumlin  
Coombe Women's Hospital  
Dublin, Ireland

### Dr. Antonio La Torre

Neonatology Department  
AOU Careggi Hospital  
Florence, Italy

### Prof. Michael Riccabona

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

### Prof. George A. Taylor

Department of Radiology  
Children's Hospital  
Boston, USA

## 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

## 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](mailto: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](http://web.aimgroupinternational.com/2026/ultrasound)

#### Cancellation

The cancellation should be notified to the Organizing Secretariat ([ultrasound2026@aimgroup.eu](mailto: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](http://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

AIM Education  
Viale Enrico Forlanini, 23 - 20134 Milan, Italy  
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[cme@aimgroup.eu](mailto:cme@aimgroup.eu)  
[www.aimeducation.it](http://www.aimeducation.it)

#### 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 *Questions and Answers*  
09.35-10.25 The corner of US Physics: what is useful to remember? (second part)  
10.25-10.30 *Questions and Answers*  
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 *Questions and Answers*  
11.35-12.20 US of the gastrointestinal tract: obstructions and other anomalies  
12.20-12.25 *Questions and Answers*  
12.25-12.55 US of neonatal liver and spleen  
12.55-13.00 *Questions and Answers*  
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 *Questions and Answers*  
15.00-15.50 US of neonatal abdominal and pelvic masses  
15.50-16.00 *Questions and Answers*  
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 *Questions and Answers*  
**Prof. George A. Taylor**  
US imaging of Neonatal Brain (First part)  
09.05-09.45 Basic Scanning Technique  
09.45-09.50 *Questions and Answers*  
09.50-10.25 Normal Development and variants  
10.25-10.30 *Questions and Answers*

#### 10.30-10.50 COFFEE BREAK

10.50-11.35 Advanced Scanning Approaches & Techniques  
11.35-11.45 *Questions and Answers*  
11.45-12.15 Introduction to Doppler: vascular anatomy and hemodynamics  
12.15-12.25 *Questions and Answers*  
12.25-12.55 Cerebral doppler in clinical practice  
12.55-13.00 *Questions and Answers*  
13.00-14.00 LUNCH

## Afternoon

### Prof. George Taylor

14.00-14.40 Anatomic and Hemodynamic Evaluation of Hydrocephalus  
14.40-14.50 *Questions and Answers*  
14.50-15.30 Brain injury in the premature  
15.30-15.40 *Questions and Answers*  
15.40-16.20 Brain injury in the Term & near-term infant  
16.20-16.30 *Questions and Answers*  
16.30-17.00 Ultrasound of neonatal CNS infections  
17.00-17.10 *Questions and Answers*

#### 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 *Questions and Answers*  
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  
11.30-12.00 Special investigations in the neonatal urogenital tract, such as Doppler-US, urethrography & ce-VUS/CEUS or US genitography  
12.00-12.10 *Questions and Answers*  
12.10-12.50 Normal findings in neonates  
12.50-13.00 *Questions and Answers*  
13.00-14.00 LUNCH

## Afternoon

### Prof. Michael Riccabona

14.00-14.30 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  
14.30-15.10 Urinary tract dilatation in neonates - how to address and how to follow-up  
15.10-15.20 *Questions and Answers*  
15.20-16.00 Other congenital, hereditary or genetic conditions as relevant for neonatal UGT imaging - with focus on cystic kidney disease  
16.00-16.10 *Questions and Answers*  
16.10-16.50 Role of sonography in congenital malformations of the neonatal genitalia, particularly also addressing undetermined sexual development, as well as important acquired neonatal genital conditions  
16.50-17.00 *Questions and Answers*

#### 17.00-19.00 Practical Session with neonatal US simulator.

# 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  
09.10-09.40 Miscellaneous other acquired conditions of the urogenital tract, with some remarks on important tumours relevant for neonates (and infants)  
09.40-09.50 *Questions and Answers*  
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 *Questions and Answers*  
12.00-12.55 Neonatal Chest US  
12.55-13.00 *Questions and Answers*  
13.00-14.00 LUNCH

## Afternoon

### Dr. Eoghan Laffan

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

### Dr. Antonio La Torre

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