

# MONDAY, 22 March 2021

9.30 **Dr. Antonio La Torre**  
Introduction to the Course  
Quality Assurance in US

## **Dr. Eoghan Laffan**

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

10.00-10.40 Neonatal Chest US Laffan

10.40-10.50 Tests and Questions

10.50-11.30 Neonatal lung US Laffan

11.30-11.40 Tests and Questions

11.40-12.20 Neonatal Spine US Laffan

12.20-12.30 Tests and Questions

12.30-13.30 BREAK

## **Prof. George A. Taylor**

Ultrasound Imaging of Neonatal Brain

13.30-14.10 Scanning technique: From basic to advanced

14.10-14.20 Tests and Questions

14.20-15.00 The spectrum of brain injury with advancing gestational age

15.00-15.10 Tests and Questions

15.10-16.00 Clinical applications of Doppler Hemodynamics

16.00-16.10 Tests and Questions

16.10-17.00 Instructive cases or Posterior fossa imaging

17.00-17.10 Tests and Questions

# TUESDAY, 23 March 2021

Morning

## **Dr. Eoghan Laffan** **Prof. Alan Daneman**

Ultrasound imaging of the urogenital tract in neonates and infants

*Dr. Eoghan Laffan*

9.30-10.10 Congenital malformations of the Urogenital Tract

10.10-10.20 Tests and Questions

10.20-11.00 Acquired Conditions of the Urogenital Tract

11.00-11.10 Tests and Questions

11.10-11.50 Other conditions of the Urogenital tract and suggested imaging algorithms

11.50-12.00 Tests and Questions

*Prof. Alan Daneman*

12.00-12.40 Sonography of the renal parenchyma and renal vessels in neonates

12.40-12.50 Tests and Questions

13.00-13.30 BREAK

# TUESDAY, 23 March 2021

Afternoon

## **Prof. Alan Daneman**

Topic - US of neonatal abdomen and pelvis

13.30-14.10 Optimizing ultrasound techniques for imaging of the neonatal abdomen and pelvis

14.10-14.20 Tests and Questions

14.20-15.20 Ultrasound of the neonatal gastrointestinal tract

15.20-15.30 Tests and Questions

15.30-16.10 Ultrasound of the neonatal Adrenal, Pancreas, Liver, Biliary Tract and Spleen

16.10-16.30 Tests and Questions

16.30-17.10 Ultrasound of neonatal abdominal and pelvic masses

17.10-17.20 Tests and Questions

17.20-17.30 Closing Remarks

## Lecturers

### Dr. Eoghan Laffan

Department of Radiology,  
Children's Hospital Ireland at Crumlin, 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

### 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 will be held in webinar mode, it will be addressed to paediatricians, neonatologists, paediatric radiologists and sonographers.

Case discussions and tests will be included in the program.

English is the official language.

### Registration fee

	by 15 February 2021	by 15 March 2021
Registration fee (VAT 22% included)	€ 450,00	€ 480,00

### Application

In order to submit your registration, please visit the website:

[web.aimgroupinternational.com/2021/ultrasound](http://web.aimgroupinternational.com/2021/ultrasound)

Registered participants will be sent a link to participate to the course.

### Cancellation

Cancellation must be sent in writing. In case of cancellation before **26 February 2021** a 75% refund of the participation fee will be provided. After this date no refunds will be provided.

## Organizing Secretariat



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# 2021 Neonatal Ultrasound Course. Why, how and when an ultrasound image?

Webinar Course 22-23 March 2021

## PROGRAMME

### DIRECTOR

#### Dr. Antonio La Torre

*Neonatology Department,  
AOU Careggi Hospital, Florence, Italy*