

PROVIDER AIM EDUCATION SRL ID 93

TITOLO: 2026 NEONATAL ULTRASOUND COURSE. WHY, HOW AND WHEN AN ULTRASOUND IMAGE?

DATE DI SVOLGIMENTO: 16-19 MARZO 2026

LUOGO E SEDE DI SVOGIMENTO: FIRENZE _ GRAND HOTEL ADRIATICO– Via Maso Finiguerra, 9

TIPOLOGIA EVENTO: RESIDENZIALE

OBIETTIVO FORMATIVO TECNICO PROFESSIONALE NR 18 CONTENUTI TECNICO-PROFESSIONALI (CONOSCENZE E COMPETENZE) SPECIFICI DI CIASCUNA PROFESSIONE, DI CIASCUNA SPECIALIZZAZIONE E DI CIASCUNA ATTIVITÀ ULTRA-SPECIALISTICA, IVI INCLUSE LE MALATTIE RARE E LA MEDICINA DI GENERE (18)

RESPONSABILE SCIENTIFICO: ANTONIO LA TORRE

DESTINATARI DELL'ATTIVITÀ FORMATIVA:

PROFESSIONE: MEDICO CHIRURGO

DISCIPLINE: ANGIOLOGIA, CARDIOLOGIA; CHIRURGIA PEDIATRICA GINECOLOGIA E OSTETRICIA; NEFROLOGIA; NEONATOLOGIA; NEUROLOGIA; NEUROCHIRURGIA; NEURORADIOLOGIA; RADIODIAGNOSTICA; PEDIATRIA; PEDIATRIA (PEDIATRI DI LIBERA SCELTA); UROLOGIA

NUMERO PARTECIPANTI: NR 50 PARTECIPANTI

ORARIO INIZIO E FINE EVENTO

16 MARZO 2026 - INIZIO LAVORI: 08.30 -FINE LAVORI: 19.00

17 MARZO 2026 - INIZIO LAVORI: 08.30 -FINE LAVORI: 19.00

18 MARZO 2026 - INIZIO LAVORI: 08.30 -FINE LAVORI: 17.00

19 MARZO 2026 - INIZIO LAVORI: 08.30 -FINE LAVORI: 17.00

NR. ORE ATTIVITA' ECM 32H E 30 MINUTI (DI CUI 4 ore SESSIONI PRATICHE) INTERATTIVE)

N. CREDITI ASSEGNATI NR 33,2

LINGUA INGELSE SENZA TRADUZIONE SIMULTANEA

QUOTE DI ISCRIZIONE:

REGISTRATION ON SITE (EARLY): 983,60 + VAT 22%
REGISTRATION ON SITE (EARLY): 786€,88 + VAT 22%
REGISTRATION WEBINAR (REGULAR): 573,77 + VAT 22%
REGISTRATION WEBINAR (EARLY): 450,81 + VAT 22%

RAZIONALE SCIENTIFICO:

The neonatal ultrasound course is attended by neonatologists, pediatricians and pediatric radiologists from different countries around the world. The course is also open to another medical category present only abroad, the so-called sonographers. Therefore, the main element that

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Let's__together



belongs to this course is having an international connotation, in addition to the fact of possessing a high quality of the lecturers present. One of the most important aspects is the opportunity to directly and physically approach clinical cases that allow a comprehensive view of all the topics covered. The topics covered go through different stages respectively: US imaging of neonatal brain, chest, abdomen and the urogenital tract in neonates and infants. In the Course "US Physics" and "Quality and Safety in US" are other topics for definition of technological standards, that align with the best practices in the field. Another important topic is the "Neonatal Spine US" with the aim to learn the normal and pathological pictures of the neonatal spine. Indeed, the tool of urogenital tract ultrasound in infants and children offers participants the opportunity to come into direct contact with various pathological images not only of the neonatal urogenital tract itself, but also of renal hemodynamics. The neonatal chest ultrasound and the technique it presupposes require advanced skills. Neonatal abdominal ultrasound provides insight into the limitations and utility of ultrasound of the gastrointestinal tract, liver, spleen, and pancreas. Neonatal brain ultrasound allows participants to become familiar with various pathological images of the neonatal brain, including morphology and hemodynamics. Imaging tests thus help participants understand many practical aspects of diagnosis and the importance of ultrasound follow-up. The theoretical part of the course alternates gradually with an interactive and a practical part to enable the participants to have a complete overview.

OGGETTO DELLA TEMATICA TRATTATA:

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 the 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.

PROGRAMMA SCIENTIFICO:

MONDAY, 16 March 2026

Morning

08.30-08.50 INTRODUCTION TO THE COURSE: THE PROBLEMS AND THE FUTURE OF ULTRASONOGRAPHY

Dr. Antonio La Torre

08.50-09.30 THE CORNER OF US PHYSICS: WHAT IS USEFUL TO REMEMBER? (FIRST PART)

Dr. Antonio La Torre

09.30-09.35 QUESTIONS AND ANSWERS

Dr. Antonio La Torre

**09.35-10.25 THE CORNER OF US PHYSICS: WHAT IS USEFUL TO REMEMBER?
(SECOND PART)**

Dr. Antonio La Torre

10.25-10.30 QUESTIONS AND ANSWERS

Dr. Antonio La Torre

10.30-10.50 COFFEE BREAK

US IMAGING OF NEONATAL ABDOMEN-

**10.50-11.30 OPTIMIZING TECHNIQUE AND UNIQUE SONOGRAPHIC ANATOMY IN
THE NEONATAL ABDOMEN**

Prof. Alan Daneman

11.30-11.35 QUESTIONS AND ANSWERS

Prof. Alan Daneman

**11.35-12.20 US OF GASTROINTESTINAL TRACT: OBSTRUCTIONS AND OTHER
ANOMALIES**

Prof. Alan Daneman

12.20-12.25 QUESTIONS AND ANSWERS

Prof. Alan Daneman

12.25-12.55 US OF NEONATAL LIVER AND SPLEEN

Prof. Alan Daneman

12.55-13.00 QUESTIONS AND ANSWERS

Prof. Alan Daneman

13.00-14.00 LUNCH

Afternoon

**14.00-14.50 US OF NECROTIZING ENTEROCOLITIS: US APPEARANCES,
CLASSIFICATION AND PITFALLS**

Prof. Alan Daneman

14.50-15.00 QUESTIONS AND ANSWERS

Prof. Alan Daneman

15.00-15.50 US OF NEONATAL ABDOMINAL AND PELVIC MASSES

Prof. Alan Daneman

15.50-16.00 QUESTIONS AND ANSWERS

Prof. Alan Daneman

16.00-17.00 ABDOMEN US IN NEONATES-INTERACTIVE CASE DISCUSSION

Prof. Alan Daneman

**17.00-19.00 PRACTICAL SESSION WITH NEONATAL US SIMULATOR –
(INTERATTIVITÀ 3/50)**

Prof. Alan Daneman- Prof. George Taylor- Dr. Antonio La Torre

TUESDAY, 17 MARCH 2026

Morning

08.30-09.00 THE CORNER OF US PHYSICS: WHAT IS USEFUL TO REMEMBER? (THIRD PART)

Dr. Antonio La Torre

09.00-09.05 QUESTIONS AND ANSWERS

Dr. Antonio La Torre

US Imaging of Neonatal Brain (First Part)

09.05-09.45 Basic Scanning Technique

Prof. George Taylor

09.45-09.50 Questions and Answers

Prof. George Taylor

09.50-10.25 Normal Development and variants

Prof. George Taylor

10.25-10.30 Questions and Answers

Prof. George Taylor

10.30-10.50 COFFEE BREAK

10.50-11.35 ADVANCED SCANNING APPROACHES & TECHNIQUES

Prof. George Taylor

11.35-11.45 QUESTIONS AND ANSWERS

Prof. George Taylor

11.45-12.15 INTRODUCTION TO DOPPLER: VASCULAR ANATOMY AND HEMODYNAMICS

Prof. George Taylor

12.15-12.25 QUESTIONS AND ANSWERS

Prof. George Taylor

12.25-12.55 CEREBRAL DOPPLER IN CLINICAL PRACTICE

Prof. George Taylor

12.55-13.00 QUESTIONS AND ANSWERS

Prof. George Taylor

13.00-14.00 LUNCH

Afternoon

14.00-14.40 ANATOMIC AND HEMODYNAMIC EVALUATION OF HYDROCEPHALUS

Prof. George Taylor

14.40-14.50 QUESTIONS AND ANSWERS

Prof. George Taylor

14.50-15.30 BRAIN INJURY IN THE PREMATURE

Prof. George Taylor

15.30-15.40 QUESTIONS AND ANSWERS

Prof George Taylor

15.40-16.20 BRAIN INJURY IN THE TERM & NEAR-TERM INFANT

Prof George Taylor

16.20-16.30 QUESTIONS AND ANSWERS

Prof George Taylor

16.30-17.00 ULTRASOUND OF NEONATAL CNS INFECTIONS

Prof George Taylor

17.00-17.10 QUESTIONS AND ANSWERS

Prof George Taylor

**17.10-19.00 PRACTICAL SESSION WITH NEONATAL US SIMULATOR –
(INTERATTIVITÀ 3/50)**

Prof. Alan Daneman- Prof. George Taylor- Dr. Antonio La Torre

WEDNESDAY, 18 MARCH 2026

Morning

US Imaging of Neonatal Brain (Second Part)

08.30-09.10 INTERACTIVE CASES

Prof. George Taylor

09.10-09.20 QUESTIONS AND ANSWERS

Prof. George Taylor

09.20-10.00 X-RAY DIAGNOSIS: DIFFICULT CASES

Prof. George Taylor

10.00-10.20 A PERSONAL VIEW

Dr. Laffan

10.20-10.50 COFFEE BREAK

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

Prof. Michael Riccabona

11.30-12.00 SPECIAL INVESTIGATIONS IN THE NEONATAL UROGENITAL TRACT, SUCH AS DOPPLER-US, URETHROGRAPHY & CE-VUS/CEUS OR US GENITOGRAPHY

Prof. Michael Riccabona

12.00-12.10 QUESTIONS AND ANSWERS

Prof. Michael Riccabona

12.10-12.50 NORMAL FINDINGS IN NEONATES

Prof. Michael Riccabona

12.50-13.00 QUESTIONS AND ANSWERS

Prof. Michael Riccabona

13.00-14.00 LUNCH

Afternoon

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

Prof Michael Riccabona

14.30-15.10 URINARY TRACT DILATATION IN NEONATES - HOW TO ADDRESS AND HOW TO FOLLOW-UP

Prof Michael Riccabona

15.10-15.20 QUESTIONS AND ANSWERS

Prof Michael Riccabona

15.20-16.00 OTHER CONGENITAL, HEREDITARY OR GENETIC CONDITIONS AS RELEVANT FOR NEONATAL UGT IMAGING - WITH FOCUS ON CYSTIC KIDNEY DISEASE

Prof Michael Riccabona

16.00-16.10 QUESTIONS AND ANSWERS

Prof Michael Riccabona

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

Prof Michael Riccabona

16.50-17.00 QUESTIONS AND ANSWERS

Prof Michael Riccabona

THURSDAY, 19 MARCH 2026

Morning

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

Prof. Michael Riccabona

09.10-09.40 MISCELLANEOUS OTHER ACQUIRED CONDITIONS OF THE UROGENITAL TRACT, WITH SOME REMARKS ON IMPORTANT TUMOURS RELEVANT FOR NEONATES (AND INFANTS)

Prof. Michael Riccabona

09.40-09.50 QUESTIONS AND ANSWERS

Prof. Michael Riccabona

09.50-10.30 INTERACTIVE CASE DISCUSSION

Prof. Michael Riccabona

10.30-10.50 COFFEE BREAK

US imaging of Neonatal Spine and Chest

10.50-11.20 NEONATAL SPINE US (FIRST PART)

Dr. Eoghan Laffan

11.20-11.50 NEONATAL SPINE US (SECOND PART)

Dr. Eoghan Laffan

11.50-12.00 QUESTIONS AND ANSWERS

Dr. Eoghan Laffan

12.00-12.55 NEONATAL CHEST US

Dr. Eoghan Laffan

12.55-13.00 QUESTIONS AND ANSWERS

Dr. Eoghan Laffan

13.00-14.00 LUNCH

Afternoon

14.00-14.45 NEONATAL LUNG US (FIRST PART)

Dr Eoghan Laffan

14.45-14.50 QUESTIONS AND ANSWERS

Dr Eoghan Laffan

14.50-15.30 NEONATAL LUNG US (SECOND PART)

Dr Eoghan Laffan

15.30-15.40 QUESTIONS AND ANSWERS

Dr Eoghan Laffan

15.40-16.15 OTHER USES OF ULTRASOUND IN THE NEONATE

Dr Eoghan Laffan

16.15-16.20 QUESTIONS AND ANSWERS

Dr Eoghan Laffan

16.20-17.00 QUALITY ASSURANCE AND SAFETY IN US

Dr. Antonio La Torre

17.00 QUESTIONARIO ECM ONLINE

ECM _TABELLA FACULTY: I CV DELLA FACULTY SONO ARCHIVIATI E CONSULTABILI PRESSO L'ENTE

ACCREDITANTE: i cv della faculty sono archiviati e tenuti a disposizione del Ente ACCREDITANTE

COGNOME - NOME	RUOLO	LAUREA/PROFESSIONE	SPECIALIZZAZIONE/DISCIPLINA	AFFILIAZIONE/ENTE DI APPARTENENZA o LIBERA PROFESSIONE	DESCRIZIONE ATTIVITA' PROFESSIONALE/FORMATIVA	CODICE FISCALE
DANEMAN ALAN	SPEAKER	Medicine and Surgery (or similar)	Medical School at the University of Witwatersrand in Johannesburg, South Africa and trained in Radiology at the University of Sydney, Australia and was then a Fellow in Pediatric Radiology at The Hospital for Sick Children in Toronto	Department of Diagnostic Imaging - Hospital for Sick Children - University of Toronto.	Pediatric Radiologist	STRANIERO
LAFFAN EOGHAN	SPEAKER	Medicine and Surgery (or similar)	MB BCH BAO, Bachelor of Medicine, Bachelor of Surgery, Bachelor of Obstetrics and Gynaecology, with Honours, University College Dublin, National University of Ireland, June 1996 BMedSc, Bachelor of Medical Science Degree with 2nd class Honours (grade I) in 1995 MRCPI, Member of the Royal College of Physicians of Ireland, October 1999 Department of Radiology - Children's University - Hospital Dublin Dublin (Ireland) MSc, Master of Science (MSc) in Radiological Sciences Diploma with 2nd class Honours (grade I) in 2004 FFR, Fellow of the Faculty of Radiologists, the Royal College of Surgeons in Ireland	Children's Health Ireland at Crumlin Coombe Women's Hospital; Dublin, Ireland	PEDIATRIC RADIOLOGIST	STRANIERO

LA TORRE ANTONIO	SPEAKE R	Medicine and Surgery (or similar)	Pediatrics; Allergology and Clinical Immunology; Immunohematology	Neonatology Department - AOU Careggi Hospital in Florence	GIA' MEDICO OSPEDALIERO	LTRNTN57M11F1 58J
TAYLOR GEORGE A.	SPEAKE R	Medicine and Surgery (or similar)	Radiology	Department of Radiology - Children's Hospital in Boston – Harvard Medical school	Radiologist - Professor Emeritus of Radiology	STRANIERO
RICCABO NA MICHAEL	SPEAKE R	Medicine and Surgery (or similar)	Pediatrics; Radiology	Department of Radiology Division of Paediatric Radiology - University Hospital LKH in Graz	Prof. at the Medical University	STRANIERO

- Il provider, ai sensi dall' art. 47 del DPR n.445/2000, consapevole delle conseguenze previste dall'art. 76, dichiara:
- di aver fornito all'interessato l'informativa sul trattamento dei dati personali (art. 13 del Regolamento europeo 2016/679; artt. 68, 70, 76, 96 Accordo Stato-Regioni 2017 "La formazione continua nel settore salute" - Rep. Atti 14/CSR del 2.2.2017 - Par. 4.6, lett. j) Manuale Nazionale di Accreditemento per l'Erogazione di Eventi ECM);
 - di aver informato l'interessato che il programma dell'evento ECM, di cui le suddette informazioni contribuiscono a formarne il contenuto minimo, verrà inserito nel catalogo degli eventi E.C.M. tenuto dall'ente accreditante;