

2016 First steps in Neonatal Brain Ultrasound: an amazing, adventurous journey!

Learning objectives of the Course

The Course is aimed at beginners in neonatal brain US scanning and it is organized offering both frontal lectures and practical sessions.

The aim of the Course is to give an introduction to the exciting world of ultrasound imaging.

During the day attendees will learn the fundamentals of US physics, the probe skills to optimize an US image and the different functionalities of the ultrasound system.

The Course will give each participants the opportunity to get "hands-on" sessions with the machines and to use it to scan and fix in an image the basic structures of the "normal" neonatal brain.

The main goal of the Course is to build an open "dialogue" between teachers and participants, in order to learn practically the guidelines for brain ultrasonography.

The theoretical lessons will be connected with the didactic programme of the following Course "2016 Neonatal Ultrasound Course. Why, how and when an ultrasound image?" which will be held on 15-18 March, 2016 in Florence, Italy, where many "pathologic" images of the neonatal ultrasonography will be treated extensively.

*The Director of the Course
Dr. Antonio La Torre*

Lecturers

Dr Antonio La Torre

Neonatology Department, AVO Careggi Hospital, Florence, Italy

Prof. Paul Govaert

Department of Pediatrics at Konigin Paola Kinderziekenhuis, Antwerpen, Belgium

Prof. Michael Riccabona

Department of Paediatric Radiology, Graz University, Austria

Organizing Secretariat



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Monday, 14 March

PROGRAMME

- 8.30-9.00 Introduction: the anatomy of brain
Dr. Antonio La Torre
- 9.00-9.30 The development of the preterm brain and the malformations
Prof. Paul Govaert
- 9.30-10.00 Physics of US.
Dr. Antonio La Torre
- 10.00-10.30 Transducers and their properties
Dr. Antonio La Torre
- 10.30-11.00 Brain haemorrhages
Prof. Paul Govaert
- 11.00-11.15 COFFEE BREAK
- 11.15-11.45 Colour Doppler in neonatal neurosonography: physics, basics and applications
Prof. Michael Riccabona
- 11.45-13.00 First practical session
- 13.00-14.00 LUNCH
- 14.00-14.30 The cerebral ventricles: the normal measurement and the pathology (hydrocephalus)
Prof. Michael Riccabona
- 14.30-15.45 Second practical session
- 15.45-17.00 Third practical session
- 17.00-17.30 Ischaemic encephalopathy and the normal hyperechodensity
Prof. Michael Riccabona
- 17.30-18.00 Inflammation of the brain
Prof. Paul Govaert

GENERAL INFORMATION

Course venue **Palazzo Ricasoli Polihotels**

Via delle Mantellate, 2 - Florence, Italy

Registration fee

	by 18 January 2016	by 7 March 2016
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Registration fee	€ 450,00	€ 550,00
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(VAT included)

No on site registration.

The fee includes: Course materials, a CD with the lessons, coffee break and light lunch.

The Course, that will be held on 14th March 2016, is limited to 18 participants. The Organizing Secretariat will confirm the registration to the first 18 participants that will send the attached Application Form to ultrasound2016@aimgroup.eu

UEMS, CME

UEMS – European Union of Medical Specialist

UEMS credits will be applied for. They are valid all over Europe, the United States and Canada (reciprocity agreement with the American Medical Association).

CME Continuing Medical Education

CME credits, requested to Ministry of Health, will be given only to the Italian participants of the Course.