

3rd Advanced Residential Course in Neonatal Epilepsy

October, 10 -11, 2022 - Catania





3 Advanced Residential Course in

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HONORARY PRESIDENTS

Giovanni Corsello
Lorenzo Pavone

PRESIDENT OF THE COURSE

Raffaele Falsaperla
Agata Polizzi
Martino Ruggieri

SCIENTIFIC BOARD

Piero Pavone
Francesco Pisani
Agnese Suppiej

REGIONAL SCIENTIFIC/ORGANISING COMMITTEE

Maria Giovanna Aguglia
Marianna Bussi
Carla Cimino
Giulia Cupitò
Maria Grazia Longo
Silvia Marino
Laura Mauceri
Carla Moscheo
Marco Andrea Nicola
SaporitoGregorio Serra

COURSE ATTENDEES

- Neonatologists
- Infantile Neuropsychiatrists
- Neurophysiopathology Technicians
- Pediatric Neurologist

PARTICIPANTS BASIC SKILLS

Participants must have the following basic expertises:

- Specialization in Pediatrics with orientation in Neonatology
- At least 6 months documented work experience in a Neonatal Intensive Care Unit
- Advanced knowledge of English language

EDUCATIONAL AIMS

Provide participants with the appropriate cultural tools in the management of infants with epileptic pathology, through interdisciplinary sessions with specialists in this field.

COURSE CONTENT

The course will consist of thematic sessions about the following topics:

- anatomical, neurophysiological, biochemical and pharmacological notions with advanced neurophysiological notions.
- interdisciplinary notions with specialists who revolve in sharing the epileptic infant with future “scenarios” of innovative therapies
- epileptic genetic diseases

JOB SKILLS ACQUISITION

With this course the participant will acquire the competence in the diagnostic-therapeutic management of the new epileptic infant.

DURATION

The course will last two days and will be divided into thematic sessions.

COURSE METHODS

- lectures in English and Italian language
- discussion and comparison between participants
- evening learning audits

LEARNING VERIFICATION

The course includes some evenings in which the participants, helped by a tutor, will discuss the topics debated during the day and will answer to questions asked by the tutor to verify the learning of the course contents.

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Dear Colleagues,

Participants must have the following basic expertises:

Our advanced course of Neonatal Epileptology and Neurophysiology is addressed to neonatologists, child neurologists, neuropsychiatrists, and clinical neurophysiology technicians to provide the appropriate cultural tools on the management of infants with epileptic disorders.

The course is based on anatomical,neurophysiological,biochemical and pharmacological notions together with advanced neurophysiological topics. The “gold” standard to diagnose epileptic diseases remains the EEG that in Neonatal Intensive Care Units has become a very useful tool for the diagnostic and therapeutic management of neonatal seizures.

The course includes practical interactive clinical sections on genetic epileptic encephalopaties with the intent to underlye the clinical clues for diagnosis and on practical use of EEG.

In addition, we also plan interdisciplinary sessions with multidisciplinary physicians specialist on different aspects of infant epilepsy, in order to provide future scenarios of innovative therapies. We will focus on the specific features of neonatal seizures, addressing special sessions on the diagnosis of subtle seizures and their early recognition. Moreover, we will address our attention on the autonomic signs and symptoms related to neurologic diseases, as early symptoms of epilepsy, when clinical and EEG signs are not still evident.

Finally, there will be also a session on genetic diseases, which are considered an important challenge to reduce mortality and morbidity of nenates with epileptic diseases.

All these sessions will be combined with the presentation of the most recent literature data, in order to provide topics for further multicenter research networks.

We hope you will enjoy our program.

FACULTY

Sebastiano Bandiera - Catania

Roberto Caraballo - Argentina

Giovanni Corsello - Palermo

Vita Antonella Di Stefano - Catania

Raffaele Falsaperla - Catania

Cristina Forest - Ferrara

Sebastian Fortini - Argentina

Soumya Ghosh - Australia

Cecil Hahn - Canada

Emilio Lomeo - Catania

Janette Mailo - Canada

Simona Marino - Catania

Eli Mizrahi - USA

Antonio Musolino - Locri

Lakshmi Naharajan - Australia

Xena Pappalardo - Catania

Piero Pavone - Catania

Francesco Pisani - Parma

Andrea Praticò - Catania

Georgia Ramantani - Svizzera

Claudio Romano - Messina

Martino Ruggieri - Catania

Agnese Suppiej - Padova

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SCIENTIFIC PROGRAM

OCTOBER 10

09.00 Welcome and Introduction

Section 1

Neonatal Onset: tra fattori predisponenti e mutazioni patogenetiche

Moderatore: Antonio Musolino

09.20 Fattori di rischio antenatali

Emilio Lomeo

09.40 Convulsioni fetali

Sebastiano Bandiera

10.00 NGS/exon-level array comparative genomic hybridization (aCGH)

Xena Pappalardo

Section 2

Epilessia: tra il sintomo e la syndrome

10.20 Screening metabolico

Piero Pavone

10.40 Alla ricerca della firma (Video EEG)

Francesco Pisani

11.00 *Focus*: Alimentazione di un neonato/lattante con Sindrome Epilettica

Claudio Romano

Section 3

Il modello “Encefalopatia Epilettica”: punti interrogativi

Moderatore: Vita Antonella Di Stefano

11.20 Quadri elettroclinici ad esordio neonatale: dalla sindrome elettroclinico alla terapia di precisione

Raffaele Falsaperla

- 12.00 Background EEG e malattie metaboliche: focus sulla malattia delle urine a sciroppo d'acero
Agnese Suppiej, Cristina Forest
- 12.20 I modelli “vecchi” sono ancora praticabili?
Georgia Ramantani
- 12.40 Dal modello biologico a quello gene-regolatore
Andrea Praticò
- 13.00 *Lettura:* Genesi epilettica: modello neurobiologico
Martino Ruggieri
- 13.30 Lunch
- Section 4**
Oltre le convulsioni neonatali: dal neonato all'adolescente
Moderatore: Martino Ruggieri
- 14.30 Evidenze nei pretermine versus termine
Janette Mailo
- 14.50 Outcome per patologia
Sebastian Fortini
- 15.10 Advances in diagnosis and management of neonatal seizures
Eli Mizrahi
- 16.00 End of the day

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OCTOBER 11

Section 5

Sindromi Epilettiche: gestione diagnostica terapeutica

09.00 Ruolo obiettività neurologica del paziente epilettico
Piero Pavone

09.20 Timing EEG
Simona Domenica Marino

09.40 Lettura: Dieta Chetogenica
Roberto Caraballo

International interactive session From the old

10.00 Update on Neonatal Seizures
Lakshmi Nagarajan

10.50 Movement disorders on neonatal age to be differentiate from the seizures
Soumya Ghosh

11.10 Lettura: La Sindrome Malformativa in epoca neonatale, nuove strategie molecolari
Giovanni Corsello

11.50 End of the course

REGISTRATION

To participate in the course, you must complete the application form available online at the website www.pediatriasicilia.it, submitting your resume.

Scientific committee will examine the requests received and will select the attendees. The selected participants, after receiving communication from the Organizing Secretariat, must complete their registration by paying the registration fee through the website, within 7 days from the date of communication.

Registration fees with Accommodation (VAT not included): € 700,00

Registration fees without Accommodation (VAT not included): € 450,00

Registration fee includes: Conference kit, access to ECM credits, 2 lunches, certificate of attendance. Hotel accommodation is intended for 2 nights in Catania.

ECM (Continuing Medical Education)

This educational activity is accredited by the Italian National Commission for Continuing Education, for the following professions: Doctors of the following branch of knowledge: Neonatology; Infantile Neuropsychiatry; Neurology; Pediatrics; Pediatricians; Neurophysiopathology Technician.

The course was accredited for 25 participants for 12 training hours. The event obtained 12 ECM credits. To issue credits attendee must: attend 90% of the total training hours of the event; register at the entrance and exit by scanning the barcode on his personal badge; pass the learning verification test at least 80% correct answers. In the event that the registration is offered by a company it is necessary that the participant deliver the invitation received from the company or fill out and sign a declaration that will be delivered at the time of registration. Servizitalia does not assume responsibility for any failure to award credits by the Ministry in case of incorrect or partial completion of the forms

EVENT VENUE

Aula Magna - Rettorato

Palazzo Centrale dell'Università degli Studi di Catania

Piazza dell'Università, 2

95131 Catania

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Un particolare ringraziamento alle aziende che sostengono in modo non condizionato questo evento formativo.

Società Italiana
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