



EPIPED TREATMENT COURSES



REPORT ON THE FIRST 3 YEARS CYCLE (2017-2019) OF EPIPED-TREATMENT COURSE

EPIPED COURSE on Treatment Strategies in Paediatric Epilepsies is an educational activity of the European Reference Network EpiCARE in partnership with the Paediatric Epilepsy Department of the University Hospitals of Lyon, France (HCL) and the Sant Joan de Déu, Barcelona, Spain, Research Foundation (FSJD)



I found the course excellent, and even more satisfying than I could imagine. The interaction was fantastic, level of discussion just right, tutors extraordinary, location beautiful and all in all I will definitely come back!!!



Coming from ...

Belgium (1,5%), Canada (1,5%), Chile (4,5%), Colombia (4,5%), Croatia (1,5%), Egypt (1,5%), France (13,6%), Germany (6,1%), India (3%), Kazaksthan (1,5%), Moldova (1,5%), Morocco (3%), Norway (3%), Poland (1,5%), Portugal (1,5%), Romania (4,5%), Russia (6,1%), Senegal (1,5%), Spain (28,8%), Switzerland (1,5%), Tunisia (1,5%), United Arab Emirates (3%), Uruguay (3%)

OUR COURSES' DIRECTORS



ALEXIS ARZIMANOGLOU



JAUME CAMPISTOL



VICTORIA SAN ANTONIO

OUR TUTORS

2017 Faculty: Javier APARICIO (Spain), Mar CARRENO (Spain), Hans HOLTHAUSEN (Germany), Philippe KAHANE (France), Lieven LAGAE (Belgium), Cécilie LANDMARK (Norway), Gaetan LESCA (France), Rima NABBOUT (France), Emilio PERRUCA (Italy), Alia RAMIREZ (Spain), Rodrigo ROCAMORA (Spain), Nicola SPECCHIO (Italy), Federico VIGEVANO (Italy).

2018 Faculty: Javier APARICIO (Spain), Stéphane AUVIN (France), Fabrice BARTOLOMEI (France), Ingmar BLUMCKE (Germany), Natàlia Egea CASTILLO (Spain), Helen CROSS (UK), Giuseppe GOBBI (Italy), Hans HOLTHAUSEN (Germany), Lieven LAGAE (Belgium), Cécilie LANDMARK (Norway), Gaetan LESCA (France), Alia RAMIREZ (Spain), Jordi RUMIA (Spain), Nicola SPECCHIO (Italy), Federico VIGEVANO (Italy).

2019 Faculty: Javier APARICIO (Spain), Thais ARMANGUE SALVADOR (Spain), Stéphane AUVIN (France), Ingmar BLUMCKE (Germany), Kees BRAUN (The Netherlands), Helen CROSS (UK), Georg DORFMULLER (France), Carmen FONS (Spain), Hans HOLTHAUSEN (Germany), Lieven LAGAE (Belgium), Cécilie LANDMARK (Norway), Agathe LAURENT (France), Gaetan LESCA (France), Anna LOPEZ (Spain), Karine OSTROWSKY-COSTE (France), Ronit PRESSLER (UK), Georgia RAMANTANI (Switzerland), Alia RAMIREZ (Spain), Jordi RUMIA (Spain), Nicola SPECCHIO (Italy), Federico VIGEVANO (Italy).



Dear EPIPED organizers, all the tutors and participants! I was so excited about this course last year as it was really the best pediatric epilepsy course in the longest time! This year was even better, the discussions were very helpful and focused. The lectures were as always excellent, and the fact that so much reading material was available to us prior to the course was very good for our preparation. Thank you for creating a great reading database, and for making all the lectures available to us. The diversity of lectures and the different approaches to the same area of interest - pediatric epilepsy - was truly fabulous. Thank you for creating a warm and fun studying environment in which we all enjoyed! Looking forward to next year!





CME CREDITS

The 3 year-cycle EPIPED COURSE, has been granted 21 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®).



OUR LECTURES

2017

- Antiepileptic Drugs 1: Mechanisms, interactions and spectrum of action
- Focal genetic (idiopathic) epilepsies from neonates to children: diagnose and treat
- Diagnosing and treating metabolic epilepsies
- Antiepileptic Drugs 2: Pharmacokinetics of AEDS from neonates to adolescents
- FROM SYNDROMES TO LOCALIZATIONS: Posterior cortex epilepsies, Recognize them and decide your treatment strategy
- Seizures and Syndromes: New Classifications, New Clinical Challenges
- Genetics of the epilepsies
- Treatment strategies in Focal Cortical Dysplasias depending on FCD-subtypes - including considerations with respect to recent molecular-genetic findings
- New definitions for Status Epilepticus and how to treat prolonged convulsive seizures in children

2018

- EPILEPTIC SPASMS: electro-clinical characteristics and syndromes
- What is requested from regulatory trials versus post-marketing trials
- Surgical techniques for the clinician: Callosotomy, Hemispherectomy
- FROM SYNDROMES TO LOCALIZATIONS: Frontal epilepsies Recognize them and decide your treatment strategy
- The clinicopathologic spectrum of diffuse and focal cortical dysplasias
- Treatment of frequent comorbidities in pediatric epilepsies (ADHD; Anxiety; Depression; psychogenic events)
- KETOGENIC DIET: indications and state-of-the-art
- Recognizing and Treating Idiopathic (Genetic) Generalized Epilepsies
- Long-term epilepsy associated tumors: who should treat them and why

2019

- Genetic counselling and the impact of genetics on treatment approaches
- Towards a classification of seizures and epilepsies in the neonates
- Time to Stop (or not) AEDs following surgery
- Pharmacological challenges with new treatments in epilepsy
- Cerebral infections and Vascular lesions: when surgery is a treatment option?
- Clinically guided neuropsychological evaluation in children with epilepsy (including pre- and post-surgical)
- Surgical Techniques for the child neurologist: Lobectomy, Focal cortical resection
- FROM SYNDROMES TO LOCALIZATIONS: Temporal Epilepsies. Recognize them and decide your treatment strategy
- Hypothalamic Hamartomas: seizures, neuroimaging and treatment approaches
- DEBATE: To treat or not to treat ... the EEG!!

EPIPED-TREATMENT/ A THREE YEARS CYCLE OF INTENSIVE TRAINING



One of the main missions of the European Reference Network ERN EpiCARE, in close collaboration with the International League Against Epilepsy and the Paediatric Neurology Societies, is **training and education**. Complex epilepsies, particularly of childhood-onset, are those requiring multidisciplinary management through a care pathway or for associated comorbidities. Rare epilepsies with unknown etiology require a specific clinical and consequent diagnostic recognition utilizing a multidisciplinary approach. The correct and timely diagnosis of rare forms of epilepsy is crucial for a tailored, successful treatment.

During the last decade, the development of several new antiepileptic drugs and pre-surgical evaluation approaches have offered the chance for better care to an increasing number of children and adolescents with epilepsy. As an unavoidable result, best treatment choices become more and more complex, requiring a high level of expertise.

The aim of the 3-year cycle EPIPED-Treatment is to reduce the geographical and knowledge gap by providing child neurologists involved in epilepsy care the opportunity for a regular update on best treatment practices. The concept of EPIPED is based on a 3-year cycle of independent annual training courses, developed specifically for child neurologists and physicians caring for patients with epilepsy.

A limited number of plenary interactive sessions cover different aspects of treatment strategies in children with all types of epilepsies, particularly the rare and complex ones. Topics treated are related to pharmacology, pharmacodynamics, pharmacokinetics, genetics, analysis of AED trials, design of clinical trials, pre-surgical evaluation, optimal choice of AEDs, review of existing guidelines (ILAE, NICE, other), data on ketogenic diet, neurostimulation, indications for resective and palliative surgery, pharmacological treatments other than with AEDs, update on the development of targeted therapies.

An important number of interactive modules allow participants, limited to 10-15 per group, to discuss with experts regarding the best clinical practices and therapeutic strategies. Participants, limited to 40-45, are offered the opportunity to also bring their own clinical cases for discussion of optimal treatment approaches.

Seventy neurologists and neuro-pediatricians from several countries attended all or part of the first 3-year cycle, held in Girona, Spain. Girona proved to be an excellent hosting city facilitating interaction and networking. At the end of the daily sessions, participants had time to enjoy the city and discover some of the varied local gastronomic proposals.

The organization of EPIPED is also designed to facilitate networking, because we are convinced that it is only through collaborative working and sharing that an increased number of individuals with treatment-refractory epilepsy will have the cause of their epilepsy appropriately diagnosed and treated.

The success of the first 3-year cycle and the numerous requests from those that already participated, easily convinced us to renew the experience and to organize a second 3-year cycle (2020-2022) of intensive training and interaction.

We sincerely acknowledge the scientific societies and institutions that endorsed the first 3 years cycle (2017-2019) of EPIPED Treatment and all those that supported it with educational grants

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Hospices Civils de Lyon

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