



**INTERACTIVE PEDIATRIC
EPILEPSY SURGERY COURSE**

SATURDAY, 7TH MARCH

*Discounted for EEG-EPIPED
course attendees*

2th BOLOGNA EPIPED COURSE EEG INTERPRETATION IN PEDIATRIC EPILEPSIES

*A 3 years' cycle, international advanced interactive training course
March 2-6, 2020*

Physicians, even when not specialized in epilepsy, have to face new-onset potentially rare, complex or drug-resistant epilepsies. EEG and Video-EEG (VEEG) are always the first diagnostic tools with history acquisition and clinical examination. Analysis of the EEG and VEEG recordings guide both the prescription of other diagnostic investigations (neuroimaging, genetic screening) and the first treatment choices. Follow-up and treatment strategies also highly depend upon EEG and VEEG.

This 3-year cycle on interactive interpretation of EEG and VEEG patterns is developed specifically for child neurologists, neurophysiologists and pediatricians caring for children with epilepsy. The 2020 course includes training modules covering different aspects of the electroencephalography in pediatric epileptic encephalopathies.

All aspects of surface interictal and ictal EEG will be covered, including recognition of basic rhythms, morphological and clinical significance of interictal epileptiform abnormalities and syndrome-specific EEG patterns.

Highly experienced mentors will lead the lessons: to privilege interaction each course will be limited to 40 participants. In addition, 5 additional inscriptions will be granted to neurophysiopathology technicians.

The course is designed in the format of practical training modules. To facilitate interaction during EEG interpretation the learners will be matched in groups of maximum 6 per 2 mentors.

Pre-acquired basic EEG knowledge is highly recommended, but if it will be necessary one basic group of 6 learners could be formed.

Registration will be offered on a first-come first-served basis.

[At the end of the course a Pediatric Epilepsy Surgery Course will be carried out. The attendance of the EEG-EPIPED course learners is discounted and strongly required.](#)

International Scientific Committee: Giuseppe Gobbi (Italy), Alexis Arzimanoglou (France), Michael Duchowny (USA), Prasanna Jayakar (USA), Hans Holthausen (Germany), Carlo Alberto Tassinari (Italy), Angelo Russo (Italy).

Local Organizing Committee: UOC Neuropsichiatria Infantile, IRCCS – Institute of Neurological Sciences of Bologna.

Faculty (TBC): Giuseppe Gobbi (Italy), Helen Cross (UK), Michael Duchowny (USA), Prasanna Jayakar (USA), Finbar O'Callaghan (UK), Victoria San Antonio (Germany), Hans Holthausen (Germany), Angelo Russo (Italy), Carlo Alberto Tassinari (Italy), Bernardo Dalla Bernardina (Italy), Federico Zara (Italy), Christian Korff (Switzerland), Lucia Fusco (Italy), Luca De Palma (Italy), Javier Aparicio Calvo (Spain), Melissa Filippini (neuropsychologist from Italy), Angelo Guerra (neurophysiopathology technician from Italy).

PRELIMINARY PROGRAM

Monday, March 2th, 2020

1:15 – 1:30 p.m. **Welcome and Course Introduction** (*Scientific Committee*)

1:30 – 2:15 p.m. **Lecture:** *The history of the concept of epileptic encephalopathy.*
(*Helen Cross, UK*)

2:15 – 3:00 p.m. **Lecture:** *EEG in the epileptic encephalopathies: physiopathological aspects.*
(*Prasanna Jayakar, USA*)

3:00 – 4:45 p.m. **Training Phase 1 (Case 1-2)**

4:45 p.m. coffee break

5:00 – 7:00 p.m. **Debriefing phase 1 (case 1-2)**

8:00 p.m. Welcome Buffet

Tuesday, March 3th, 2020

8:15 – 9:00 a.m. **Lecture:** *EEG evolution from Suppression burst to hypsarrhythmia and to 2.5Hz Spike and Wave pattern.* (*Michael Duchowny, USA*)

9:00 – 11:00 a.m. **Training Phase 1 (Case 3-4)**
Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 1 (case 3-4)**

1:00 – 2:00 p.m. Lunch

2:00 – 2:45 p.m. **Lecture:** *EEG features in the Infantile Spasms*
(*Finbar O'Callaghan, UK*)

2:45 – 4:45 p.m. **Training Phase 2 (Case 5-6)**
Coffee break included

4:45 – 6:30 p.m. **Debriefing phase 2 (case 5-6)**

6:30 – 7:30 p.m. **Genetic and neuropsychological considerations**

Free Evening

Wednesday, March 4th, 2020

8:15 – 9:00 a.m. **Lecture:** *EEG transition from Lennox-Gastaut Syndrome to Dravet Syndrome.*
(Giuseppe Gobbi, Italy)

9:00 – 11:00 a.m. **Training Phase 1 (Case 7-48)**

Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 1 (case 7-8)**

1:00 – 2:00 p.m. Lunch

2:00 – 4:00 p.m. **Training Phase 2 (Case 9-10)**

Coffee break included

4:00 – 6:00 p.m. **Debriefing phase 2 (case 9-10)**

6:00 – 7:00 p.m. **Genetic and neuropsychological considerations**

Free Evening

Thursday, March 5th, 2020

8:15 – 9:00 a.m. **Lecture:** *EEG features in Migrating focal seizures and Myoclonic encephalopathy in non progressive disorders* (Bernardo Dalla Bernardina, Italy)

9:00 – 11:00 a.m. **Training Phase 1 (Case 3-4)**

Coffee break included

11:00 – 1:00 p.m. **Debriefing phase 1 (case 3-4)**

1:00 – 2:00 p.m. Lunch

2:00 – 2:45 p.m. **Lecture:** *EEG features in the spectrum of CSWS pattern: when does the NREM sleep activation starts to impact over the network organization?* (Angelo Russo, Italy)

2:45 – 4:45 p.m. **Training Phase 2 (Case 5-6)**

Coffee break included

4:45 – 6:30 p.m. **Debriefing phase 2 (case 5-6)**

6:30 – 7:30 p.m. **Genetic and neuropsychological considerations**

8:30 p.m. *Dinner in Bologna Down Town*

Friday, March 6th, 2020

8:00 – 13:00 p.m. **Learners case presentation**

(Including coffee break)

Session closure with free time or Bologna tour (optional)

Saturday, March 7th, 2020

Pediatric Epilepsy Surgery Course

Link for the Program: <http://www.epiped-egg-course.com/Pediatric-Epilepsy-Surgery-Course>

EEG EPIPED Course *March 2-6, 2020*

Registration fee: 1,700.00 Euro in single room (VAT and Bank expenses included).

The registration fee includes:

- Accommodation from March 2 to 6 (4 nights)
- Coffee breaks, lunches, 1 welcome dinner-buffet and 1 dinner downtown
 - Course Syllabus
 - Free Bologna Tour (Optional)

Pediatric Epilepsy Surgery Course *March 7th, 2020*

The course is designed in the format of practical training modules and it will be accredited.

Registration fee: 200 Euro.

For young attendees, under 35 years and for the EEG-EPIPED course learners, it will cost 100 euros.

CON IL PATROCINIO DELLA LEGA ITALIANA CONTRO L'EPILESSIA