

East European Course of Epilepsy

Programme: 11-13 June 2014

Description:

This course presents basic knowledge in epilepsy, starting from semiology, syndromes, terminology and etiological diagnosis, differential diagnosis. EEG and imaging aspects in epilepsy will be also presented at basic level. Treatment : when, to whom, what, how to introduce treatment, how to monitor and how to discontinue will be presented discussing drug treatment, alternative treatments (ketogenic diet and VNS) and epilepsy surgery methods.

The theoretical issues will be presented mostly starting from practice – presenting clinical cases, and involving audience in interactive discussions.

Faculty

Sandor Beniczky (Denmark), Meir Bialer (Israel), Dana Craiu (RO), Helen Cross (UK), Petia Dimova (Bulgaria), Kyriakos Garganis (Greece), Stanislav Groppa (Rep Moldova), Alla Guekht (Russia), Hrvoje Hecimovic (Croatia), Hans Holthausen (Germany), Catrinel Iliescu (RO), Volodymyr Karytonov (Ukraine), Ioana Mindruta (RO), Krassimir Minkin (Bulgaria), Lorella Minotti (France), Cristina Panea (RO), Adina Roceanu (RO), Walter van Emde Boas (Netherlands)

Venue – 10 June, departure 14 June

10.06.2014: VENUE

- 12:00 – 22:00 – Students and Faculty arrival (transport from Bucharest city center / airport to course venue will be organised for all participants and faculty)
- 19.00 – 22.00 - Welcome get-together dinner

Day 1: 11.06.2014

Epilepsy – clinical issues; EEG

08:30 – 09:00: Opening, faculty and students presentation

09:00 – 11:00: Seizure semiology depending on lobe. Chairs: Walter van Emde Boas, Dana Craiu.

Description: faculty will choose the most eloquent videos to allow students to learn to recognise lobe localization, lateralization (pattern recognition). Presentations of cases sent by participants. Discussions while watching videos and after – faculty and students (aim – to actively involve students for ad hoc description pointing to localization). Faculty will end every section with short theoretical summary.

Faculty: Walter van Emde Boas, Helen Cross, Petia Dimova, Hans Holthausen, Lorella Minotti.

- Frontal lobe seizures - H Holthausen
- Central area seizures – H Holthausen
- Temporal lobe seizures - W v Emde Boas
- Parietal lobe seizures – L Minotti
- Occipital lobe seizures – P Dimova, H Holthausen

11:00 – 11:30: Coffee break

11:30 – 13:30: Epileptic syndromes, organization and terminology in epilepsy

Chairs: Helen Cross, Volodymyr Karitonov

- 11.30 – 12.00 – TBD – Electroclinical epileptic syndromes – overview
- 12.00 – 12.30 – Helen Cross – Discussions on definitions, organization of epilepsies and terminology based on clinical cases
- 12.30 – 13.00 – Volodymyr Karitonov – Is it epileptic or non-epileptic?
- 13.00 – 13.30 – Oana Tarta-Arsene – Overview of non-epileptic phenomenon

13:30 – 15:00: Lunch

15.00 – 16.45: Status epilepticus, EEG in epilepsy

Chairs: Stanislav Groppa, Sandor Beniczky

- 15.0 – 15.45 – Stanislav Groppa – Status Epilepticus.
- 15.45 – 16.15 – Walter van Emde Boas – EEG – sensitivity, specificity, indications.
- 16.15 – 16.45 – Sandor Beniczky – Getting more info out of the conventional recordings.

16:45 – 17:15: Coffee break

17:15 – 18:45: EEG in epilepsy

Chairs: Thea Gutter, Bogdan Florea

- 17.15 – 17.45. – Thea Gutter – Practical issues in EEG in epilepsy (electrodes, montages, procedure – routine examination)
- 17.45 – 18.15 – TBD – Provocation methods in EEG
- 18.15 – 18.45 – Bogdan Florea – EEG in the intensive care setting

Day 2: 12.06.2014

Defining etiology in epilepsy; Treatment – when, how, what?

8.30 – 11.00. Defining etiology in epilepsy – emphasis on neuroimaging (whom, , when, what to recommend)

Chairs: Alla Guekht, Catrinel Iliescu

8.30 – 8.45: Defining etiology in epilepsy (etiological categories – terminology, concepts) (with examples – interactive) – Helen Cross

8.45 – 9.30 – Catrinel Iliescu. Imaging epilepsy: whom, when and what to recommend

9.30 – 11.00 – Dana Craiu, Catrinel Iliescu, Oana Tarta-Arsene, Diana Barca, Cristina Motoescu, Carmen Burloiu, Alice Dica, Carmen Sandu, Nina Butoianu, Cristina Pomeran – Structural etiology in epilepsy.

During this part there will be small – 10 min interactive presentations starting from clinical cases with different etiologies aiming:

- Pattern recognition while imaging epilepsy
- Understanding what type of imaging, when to recommend and what for
- Understanding causality lesion – epilepsy
- Thinking cases in day to day practice (TSC, vascular, trauma, inflammatory, immune, infectious, malformative + migration disorders, tumoral, metabolic, HS, HH) .

11.00 -11.30: Coffee break

11.30 -13.00 Treatment – when, how, what?

Chairs: Carmen Burloiu, Ioana Mindruta

11.30 – 12.00 – Alla Guekht – First seizure management

12.00 – 13.00 – Catrinel Iliescu, Dana Craiu – General issues concerning treatment in epilepsy (When and whom to introduce, what to choose, what to avoid – variables to discuss: syndrome, etiology, sex, age)

13.00 – 13.30 – Cristina Panea – Resistant epilepsy – definition and management

13.30 – 15.00 – Lunch

15.00 – 16.30: Antiepileptic drug treatment management

Chairs: Dana Craiu, Meir Bialer

15.00 – 15.30 – Adina Roceanu – Monitoring the patient with antiepileptic drug treatment (How often? How? If/when to perform lab tests?)

15.30 – 16.00 – Dana Craiu. Compliance to antiepileptic drug treatment

16.00 – 16.30 – Meir Bialer – Drug interactions in patients with epilepsy (antiepileptic drugs interactions – which are the best/worst combinations and why; interactions of antiepileptic medication with other drugs in patients with other diseases; interactions with contraceptive medication).

16.30 – 17.00 – Coffee break

17.00 – 18.30 – Antiepileptic drug treatment and alternative treatments

Chairs: Carmen Sandu, Mircea Gorgan

17.00 – 17.30 – Meir Bialer – Original versus generic AEDs

17.30 – 18.00 – Dana Craiu – Drug treatment discontinuation – when, how and to whom to stop?

18.00 – 18.30 – Carmen Sandu – Alternative treatments – Ketogenic diet

18.30 -19.00 – Mircea Gorgan – Vagus nerve stimulation (what is it, how does it work, how to implant, results)

Day 3: 13.06.2014

Treatment – epilepsy surgery

Invited Speakers: Petia Dimova, Kyriakos Garganis, Hans Holthausen, Lorella Minotti, Krassimir Minkin

09:00 – 11:00 – General issues concerning epilepsy surgery.

Chairs: Ioana Mindruta, Jean Ciurea

09.00 – 09.30 – Hrvoje Hecimovic – Presurgical evaluation – what is this about? Steps, team, organization.

09.30 – 10.00 – Petia Dimova (BG), Alice Dica (RO), Dana Craiu (RO) – The lesion is always the site of epilepsy?

10.00 – 10.30. – Timing in presurgical evaluation in childhood – Hans Holthausen

10.30 – 11.00. – Ioana Mindruta – Invasive vs non-invasive presurgical evaluation in epilepsy surgery

11.00 -11.30 – Coffee break

11.30 -13.00 – FCD - the most frequent cause of surgically remediable epilepsy?

Chairs: Kyriakos Garganis, Petia Dimova

11.30 – 12.00 – Lorella Minotti - Presurgical evaluation in adult patients centered on FCD

12.00 – 12.30 – Hans Holthausen – Presurgical evaluation in pediatric patients centered on FCD

12.30 – 13.00 – Kyriakos Garganis – Frontal lobe epilepsy related to FCD

13:00 – 14:00: Lunch

14:00 – 15:30 - Epilepsy surgery in East European countries – were are we?

Chairs: Lorella Minotti, Hrvoje Hecimovic

14.00. – 14.30 - Ioana Mindruta – Survey – Epilepsy surgery in East European countries – past and present (Survey participants Petia Dimova (Bulgaria), Kyriakos Garganis (Greece), Stanislav Groppa (Rep Moldova), Alla Guekht (Russia), Hrvoje Hecimovic (Croatia), Volodymyr Karytonov (Ukraine), Dana Craiu (RO), Ioana Mindruta (RO).

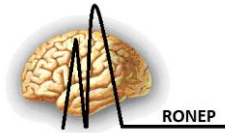
14.30 – 15.00 – Krassimir Minkin – Bitemporal epilepsy – how did we solve it?

15.00 – 15.30 – Ioana Mindruta - Epilepsy related to FCD in functional areas

15:30 – 16.00 : Coffee break

16:00 – 17:20 – Epilepsy surgery - Learn from mistakes – are there such cases as easy cases?

Chairs: Krassimir Minkin, I Mindruta



16.00 – 16.30 – Mihai Maliia, Ioana Mindruta, Andrei Barborica, Jean Ciurea, Cristian Donos, Alin Rasina, Ana Ciurea – Clinical Case – adult epilepsy surgery

16.30 – 17.00 – O Tarta-Arsene, D Craiu, C Motoescu, C Iliescu, C Pomeran, A Dica – Clinical Case – Pediatric epilepsy surgery

17:00 – 17:20 – Course closure – conclusions, final remarks, course evaluation results

17:30 – 19:00 – Visit to Bran Castle/ vs Dambovicioara cave

19:00 – 24:00 – Fare well party at Vila Bran with fire outside, barbeque, dancing

14.06.2014

Breakfast and departure of participants – transport to the airport