

MASTERCLASS Program

The aim of the Masterclass is to create a functional network of Pediatric and Adult Neurologists in Romania to work together and discuss difficult cases, refer them to the centers of epilepsy evaluation, aiming the best and fastest therapeutic approach for each case and avoid unnecessary delays, or wrong choices and provide a favorable evolution of the cases with epilepsy.

The working modality will be:

- *Think, pair, share.* Lectures developed in an interactive manner, with examples and questions for students, sharing experience, comments from the literature
- *Make a vote.*
- *Small groups discussing a case.* Cases will be prepared by the tutors, students will discuss cases in small groups and will take decisions, and after that each case will be discussed together.
- *Case presentations by the students.* Students will be encouraged to bring cases to be discussed together

The 2019 Masterclass on resistant epilepsy is a 2 steps program (2019); can be followed by unsolved case-discussions in the next years, 2 times per year:

- **The first part (7 March 2019), LEVEL 1 course**, with basic and indispensable information on epilepsy and resistant epilepsy aims a correct epilepsy diagnosis and early recognition of intractability and also correct choice of the most appropriate and effective method of treatment for the resistant epilepsies, available today. Theoretical issues and case-based discussions will allow participants a good understanding of the current treatment methods and the right choice of each.
- **The second part (2 October 2019), LEVEL 2 course**, with more advanced and refined details of treatment in refractory epilepsy will reveal the audience successes and pitfalls of each method starting from literature (theoretical part) and case-based discussions (practical part)

Masterclass on resistant epilepsies (M1)

Faculty (preliminary list, alphabetic order): Dana Craiu, Lieven Lagae, Ioana Mindruta, Cristina Motoescu, Zvonka Rener Primec, Carmen Sandu, Oana Tarta-Arsene

9.00 – 10.30: Starting from scratch: what is epilepsy and resistant epilepsy (1)?

09.00 – 09.30: Dana Craiu - Epilepsy definition

09.30 – 10.00: Ioana Mindruta - Refractory epilepsy definition

10.00 – 10.30: Cristina Motoescu - Risk factors of intractability

10.30 – 11.00 – CB

11.00 – 12.30: Starting from scratch: what is epilepsy and resistant epilepsy (2)?

11.00 – 11.30: Cristina Pomeran - Apparent intractability

11.30 – 12.00: Alice Dica - Differential diagnosis of intractability

12.00 – 12.30: Oana Tarta-Arsene - When to consider epilepsy surgery?

12.30 – 13.00 – CB

13.00-14.00: Theoretical issues: how to choose the correct treatment?

13.00 – 13.30: Zvonka Renner Primec - When to consider VNS?

13.30 – 14.00: Carmen Sandu - When to consider KD?

14.00 – 15.00 – Lunch

15.00 – 16.30: Practical issues: Assessment and treatment decisions (1)

15.00 – 15.30: Ioana Mindruta - Epilepsy surgery indication – practical issues

15.30 – 16.00: Lieve Lagae - VNS indication – practical issues

16.00 – 16.30 : Diana Barca - KD indication – practical issues

16.30 – 17.00 – CB

17.00 – 18.00: Practical issues: Assessment and treatment decisions (2)

17.00 – 17.30: Lieve Lagae - VNS therapy – workup and indication decision

17.30 – 18.00: Zvonka Renner Primec - VNS therapy – monitoring issues

18.00 – 18.30: Dana Craiu - VNS therapy – when not to choose?

Masterclass on resistant epilepsies (M2): 2 Oct 2019

9.00 – 10.30: Advanced knowledge: epilepsy surgery evaluation

09.00 – 09.30: Speaker to be discussed - Common etiologies treatable by epilepsy surgery

09.30 – 10.00: Speaker to be discussed - Urgent pediatric etiologies treatable by epilepsy surgery

10.00 – 10.30: Speaker to be discussed - Pros and cons for epilepsy surgery – which are the etiologies?

10.30 – 11.00 – CB

11.00 – 12.30: Advanced knowledge: VNS treatment

11.00 – 11.30: Speaker to be discussed - The right etiologies

11.30 – 12.00: Speaker to be discussed - Is there a wrong etiology for VNS treatment? What not to implant VNS.

12.00 – 12.30: Speaker to be discussed - VNS monitoring: what is the correct way?

12.30 – 13.00 – CB

13.00-14.00: Advanced knowledge: Ketogenic diet

13.00 – 13.30: Speaker to be discussed - Choosing the patients and evaluation at initiation

13.30 – 14.00: Speaker to be discussed - KD calculation, follow up, complications

14.00 – 15.00 – Lunch

15.00 – 16.30: Practical issues: Assessment and treatment decisions (3)

15.00 – 15.30: Speaker to be discussed - Epilepsy surgery indication – practical issues

15.30 – 16.00: Speaker to be discussed - VNS indication – practical issues

16.00 – 16.30 : Speaker to be discussed - KD indication – practical issues

16.30 – 17.00 – CB

17.00 – 18.00: Practical issues: Assessment and treatment decisions (4)

17.00 – 17.30: Speaker to be discussed - VNS therapy – workup and indication decision

17.30 – 18.00: Speaker to be discussed - VNS therapy – monitoring issues

18.00 – 18.30: Speaker to be discussed - VNS therapy – when not to choose?