

3rd Neuro-MIG Training School
COST Action European Network on Brain Malformations CA16118

TRAINING SCHOOL ON CLINICAL MANAGEMENT OF BRAIN MALFORMATIONS
Diagnostics & Follow-up of patients with brain malformations
5-6 March 2020
BUCHAREST, ROMANIA

1st Day - March 5th 2020, Thursday

08:00 - 09:00 Registration
09:00 - 09:15 Welcome address

Plenary

09:15-10:00 Grazia Mancini
Cortical malformation disorders: classification and etiopathogenesis

10:00- 10:30 Coffee break

Session I Patient Arrives to the Clinic

10:30-11:00 Speaker (to be announced)
Symptom → epilepsy

11:00-11:30 Catrinel Iliescu
Symptom → Developmental delay

11:30-11:50 Maha Zaki
Symptom → Micro/macrocephaly

11:50-12:10 Maarten Lequin (to be confirmed)
Neuroimaging of brain malformations

12:10-12:30 Grazia Mancini
Wrap-up for the diagnosis - what is needed for final diagnosis

12.30 – 14.00 Lunch Break

Session II Diagnostic Puzzle (interactive)

Chair persons: Magdalena Budisteanu & Diana Barca

14.00 -15.30 Presentation of clinical cases with brain malformations
MRI scans - review and interpretation
Case presentations by six trainees (10 minute ppt)
Case presentations by Grazia Mancini & Anna Jansen

15.30-16.00 Coffee Break

Session III From Molecular Confirmation of a Clinical Diagnosis to Complex Diagnostic Algorithms

- 16.00- 17.30** Aurora Arghir and Sorina Mihaela Papuc
Laboratory visit: Medical Genetics and Molecular Pathology Lab Victor Babes National Institute
Chromosomal microarray profiles in patients with brain malformations
- Andrew Fry
Genetic and genomic technologies – principles and applications
- Martina Wilke
Next generation sequencing as diagnostic tool for malformations of cortical development.

2nd Day - March 6th, 2020, Friday

Session IV Patient at Follow-up

- 09:00- 09:30** Anna Jansen
Impact of MCD on development
- 09:30-10:00** Andrew Fry
Genetic counselling and its impact
- 10.00-10.30** Dana Craiu
Follow-up and management of patients with brain malformations
- 10:30 – 11:00** *Coffee Break*

Session V Clinical Care

- 11:00- 11:20** Batya Engel-YEGER
Neuromodulation in children with disabilities
- 11:20- 11:40** Naomi JOSMAN
Evaluation and Intervention on Occupational therapy
- 11:40- 12:00** Iliescu Adrian
Brain malformations → a neurosurgeon point of view
- 12:00-12:20** Özden Özyemişci Taşkiran
Rehabilitation and orthopedic interventions
- 12:20- 12:40** Hülya Kayserili
Gastrointestinal, Vision, Hearing problems
- 12:40 – 14:00** *Lunch Break*

Session VI Presentation of Clinical Cases with Brain Malformations (interactive session)

- 14;00-15:30** **Presentation of clinical cases with brain malformations**
Case presentations by six trainees (10 minute ppt)

15:30 – 16:00 ***Coffee Break***

Session VI **Wrap-up & Farewell**

Chairpersons: Hülya Kayserili & Magdalena Budisteanu & Aurora Arghir

16:00 –17:00 **Feedback of Trainers/Trainees
Farewell**

Local trainers

Dana Craiu “Prof. Dr Alex Obregia” Clinical Hospital of Psychiatry, Pediatric Neurology

Diana Barca “Prof. Dr Alex Obregia” Clinical Hospital of Psychiatry, Pediatric Neurology

Catrinel Iliescu “Prof. Dr Alex Obregia” Clinical Hospital of Psychiatry, Pediatric Neurology

Adrian Iliescu “Bagdasar- Arseni” Clinical Emergency Hospital, Neurosurgery

Magdalena Budisteanu “Prof. Dr Alex Obregia” Clinical Hospital of Psychiatry, Pediatric Neurology

Aurora Arghir “Victor Babes” National Institute of Pathology – Medical Genetics Lab.

Sorina Mihaela Papuc “Victor Babes” National Institute of Pathology – Medical Genetics Lab.