

MASTER CLASS FROM 2022 ONWARDS

Introduction:

The program of the Master Classes has been revised in 2020/2021 after a lot of discussion within the committee.

The main purpose was to offer a coherent program covering all main aspects of current child neurology.

Grossly all topics can be covered in any places, some local preferences for main subjects have been acknowledged and some fields were attributed accordingly. However, for some topics, expertise (or long-standing interest) also exists elsewhere in Switzerland. Rather than to remodel all the program, it is strongly recommended to invite *an external "guest speaker"* among the various speakers within the two-days local program (see below).

The 1st cycle after the revision began in 2022. After surveying the fellows, it was agreed that the training would continue to be held at different training hospitals. The selection and distribution of topics as well as the duration of a cycle (4 years) were also left unchanged. The next cycle will therefore begin in 2026.

Highlights of the program:

- 8 main teaching centres
- 3-4 main themes per centre
- Each centre can choose the way they want to approach each topic
 - o Illustrative cases studies/videos/ imaging and updated investigations are recommended
 - o Talks to be given either by senior staff (including Chef(fe) de Clinique or Oberarzt(in)) and collaborators within the hospital
 - o Program and slides in English

Ongoing Cycle 2022 - 2025

GENEVA (autumn 24)

- 1) Epilepsy and epilepsy surgery investigations,
- 2) Other paroxysmal disorders,
- 3) Neuro-oncology,
- 4) Hydrocephalus

BERN (spring 25)

- 1) Neuromuscular disorders including muscle biopsy, muscle imaging,
- 2) Neuro-ophthalmology
- 3) Intensive care paediatric neurology

LAUSANNE (autumn 25)

- 1) Cerebral palsy (causes, imaging, CP mimics.)
- 2) Methods in pediatric neuro- rehabilitation (including therapeutic interventions, orthopaedics for pediatric neurologists)
- 3) Spinal dysraphism, Neuro-urology

(Expected) **Cycle 2026 - 2029**

LUCERN/TICINO (spring 26)

- 1) Emergency child neurology, frequent requests for in-house consultations,
- 2) Ataxia (acute and chronic), movements disorders,
- 3) cerebrovascular dis. /stroke

AARAU/WINTERTHUR/CHUR (autumn 26)

- 1) Psychosomatic presentation and management, headache
- 2) Pain, palliative care,
- 3) Insurances concepts
- 4) Ethics in child neurology

BASEL (spring 27)

- 1) Imaging techniques/MRI
- 2) Prenatal and neonatal MRI, neonatal neurology, neonatal seizures and neonatal epilepsy syndrome,
- 3) Sleep
- 4) Phakomatosis

ST- GALLEN (autumn 27)

- 1) Genetics (including methods, nomenclature), genetic syndromes,
- 2) developmental disorders/ intellectual deficiency including necessary investigations,
- 3) Electrophysiology: evoked potentials and ENMG

ZH (spring 28)

- 1) Neurometabolic and neurodegenerative disorders,
- 2) laboratory investigations, Investigations of the CSF,
- 3) Neuroimmunology

GENEVA (autumn 28)

- 5) Epilepsy and epilepsy surgery investigations,
- 6) Other paroxysmal disorders,
- 7) Neuro-oncology,
- 8) Hydrocephalus

BERN (spring 29)

- 4) Neuromuscular disorders including muscle biopsy, muscle imaging,
- 5) Neuro-ophthalmology
- 6) Intensive care paediatric neurology

LAUSANNE (autumn 29)

- 4) Cerebral palsy (causes, imaging, CP mimics.)
- 5) Methods in pediatric neuro- rehabilitation (including therapeutic interventions, orthopaedics for pediatric neurologists)
- 6) Spinal dysraphism, Neuro-urology