

Education Council

Annual Report 2023

MEMBERS

Ingmar Blümcke, chair (until September 2023)

Gagandeep Singh, chair (after September 2023)

Alexis Arzimanoglou, co-chair

Elza Marcia Yacubian

Sam Wiebe

Cristina Giavasi

Jo Wilmshurst

Zarine Mogul

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Level 3 Program Task Force

Ingmar Blümcke, chair

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Jessica Fessler

Monika Eisermann

Andreas Brinklaus

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Primary Care Task Force

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Patricia Braga

Jaime Carrizosa

Man Mohan Mehndiratta

Chahnez Charfi Triki

Sam Wiebe

Jo Wilmshurst

Steering Committee for Adult Epilepsy Training Course

Helen Cross, chair

Colin Dunkley

MV Gule

Martin Kirkpatrick

Ley Sander

Arjune Sen

GOALS

The goal of Education Council is to work on the lines of the strategic mission and objectives of the ILAE and towards making available a curricular and competency-based educational portfolio for the benefit of a global audience among epilepsy care providers in different health care systems. The envisages to undertake this goal through several in-person, online and blended activities.

MEETINGS

The Education Council met four times in 2023.

HIGHLIGHTS

- The ILAE Education Council continued to work towards developing, providing, supporting, and endorsing educational activities aligned with existing and in-development ILAE epilepsy curricula.
- The Council created a comprehensive Level 2 package that is now available at the ILAE Academy for a nominal fee. It includes:
 - Adaptive learning courses adjust to the learner's level of proficiency to overcome knowledge gaps
 - E-semiology modules with seizure videos and exercises challenge learners to recognize and correctly classify the seizure
 - Patient cases guide advanced decision making about common and rare types of epilepsy, including the new integrated EEG and MRI readers
 - Neuroimaging course with MRI reading tool, exercises and cases to support the learner's proficiency in MRI diagnosis
 - EEG self-paced course including pre- and post-assessment (in collaboration with Emory University School of Medicine)
 - Tutorials introducing into various learning domains
- The Council also has a Level 1 package including case-based courses (English and Spanish), e-brain sessions and histopathology course at the ILAE Academy for a very nominal fee.

ACTIVITIES

ILAE Academy Level 1 Online Courses

The Level 1 courses continued to accumulate subscribers. There were about 281 new subscriptions in 2023. In all, 274 individuals completed Level 1 program and another 153 completed the self-assessment exam.

Level 2 Online Courses

The Level 2 course had a subscription count of 191 individuals, 98 of those were in the year 2023.

ILAE Schools

The following ILAE schools were supported by the Education Council in 2023:

- ILAE School on EEG in the First Year of Life
- ILAE School on Neuropathology (Brazil and Austria)

- ILAE School on Neuroimaging (AIME/SuSIE)
- ILAE San Servolo School on Epilepsy
- ILAE Summer School on Epilepsy for Latin America (LASSE)
- ILAE School on Pre-Surgical Evaluation for Epilepsy (EPODES)

ILAE Academy Primary Care Package

The first module for testing was created. Twenty-five more modules are in development. It will be piloted in India. It comprises 26 modules each based on One ILAE Primary care epilepsy competency. Each module will have a pre-test, a video mini-talk, a post-test with feedback. In addition, English slide sets and transcripts will be available for download.

Level 3 Task Force

The ILAE Level 3 Education Task Force was formed to conceptualize and implement the Level 3 offerings by the ILAE. The Task Force held its first meeting in December 2023. Formal announcements of Level 3 fellowships are imminent.

Adult Epilepsy Training Initiative

The Education Council began an initiative to develop a training course in adult epilepsy diagnosis and management. The course, which was piloted in Tanzania in 2023 will be structured like the British Pediatric Neurology Association PET courses and will include ‘training the trainers’ component. A steering committee to plan and implement the adult epilepsy training course has been constituted.

Curricula Development

The Education Council was involved in the ongoing development of the following curricula:

1. ILAE epilepsy nursing curriculum, which is currently gathering feedback from a global relevant audience.
2. ILAE epilepsy surgical curriculum, which has been initiated by the Surgical Education Task Force of the Neurosurgical Commission.
3. ILAE epilepsy neuropsychology curriculum
4. ILAE epilepsy neurobiology curriculum

Endorsed Meetings, Conferences and Courses

- STESS 2023
- EPIPED Treatment Girona 2023
- Integrating and Understanding the IGAP in Relation to Epilepsy Care in Africa
- Video-EEG monitoring and pre-surgical evaluation course, Thailand
- 19th Advanced San Servolo Epilepsy Course

- XVII Workshop on Neurobiology of Epilepsy (WONOE 2023)
- 5th Bologna EPIPED-EEG Course: EEG Interpretation In Pediatric Epilepsies
- Baltic Sea Summer School 2023
- 10th Eilat IEC
- Shiraz Annual Epilepsy School (Semiology-EEG)
- Nigeria- Epilepsy Workshop - Enugu State
- SEEG Course, Taipei
- CAAE, China
- EMR Epilepsy Course
- 4th AACE Epilepsy Surgery Workshop: MRI Negative Epilepsies
- Dreiländertagung 2023
- Management of Epilepsy in Resource-Limited Settings: A Practical Guide and Updates on Current Practice, Zambia
- Training Nurses, General Medical Officers (GMOs) and Allied Health Workers (AHW) on Epilepsy, Zimbabwe

Collaborations and Agreements

1. The ILAE Education Council entered a memorandum of understanding with Albert Einstein College of Medicine-Montefiore Medical Center for Continuing Professional Development to accredit the following CME activities:
 - Level 1 Patient Cases (15)
 - Level 2 Patient Cases (8)
 - Level 2 Courses (3): Diagnosis and Management of Depression, Antiseizure Medications in Adult Patients with Epilepsy and Neuroimaging
 - All VIREPA Courses
2. Agreements with the BPNA to support and run the International Paediatric Epilepsy Training course and with the Joint National Commission, UK to maintain e-brain sessions at the ILAE Academy

ACCOMPLISHMENTS

ILAE Academy Level 1 Online Courses

The Level 1 cases on common epilepsies were added in Spanish. The ebrain sessions are available in English. The histopathology in a nutshell program is available in English and Spanish. The level 1 program includes 15 patient cases, 50 ebrain sessions, and histopathology in a nutshell course.

ILAE Academy Level 2 Portfolio

The following modules are now available as part of the Level 2 package:

1. Eight interactive, self-paced online case studies advanced from Level 1
 - a. New cases added in 2023 include George (focal epilepsy), Ricardo (perinatal stroke), Family with epilepsy and Giselle (since January 2024, epilepsy with comorbidities)
 - b. An additional case will be available in early 2024
2. One advanced histopathology course Level 2
3. Nine EPICARE case studies on rare epilepsy syndromes, including Dravet syndrome, Autoimmune encephalitis, GLUT-1 Deficiency, Sturgeon Weber syndrome, ESES, Hypothalamic hamartoma, Ring chromosome 20, Epileptic spasms and tuberous sclerosis
4. Four semiology-based interactive, self-paced online case studies
5. Emory University online EEG course
6. Interactive, self-paced comprehensive online teaching session on MRI
7. Interactive, self-paced online session on antiseizure medications in adults
8. Interactive, self-paced online session on epilepsy comorbidities
9. Four interactive, self-paced online tutorials on general Level 2 knowledge

Report submitted by Lacey Schmeidler