

ILAE-Asia and Oceania

2022 Annual Report

MEMBERS

John Dunne (Australia), chair
Sanjeev Thomas (India), treasurer
Akio Ikeda (Japan), past chair
Kheng-Seang Lim (Malaysia), secretary
Seung Bong Hong (South Korea), information officer
Ajay Asranna (India), YES representative
Kensuke Kawai (Japan)
Weiping Liao (China)
Zarine Migal (Pakistan)

ACTIVITIES

Asian Epilepsy Academy (ASEPA): Shang Yeong Kwan, chair

- Uploading of 21 pre-recorded EEG and Epilepsy teaching video presentations to website
- Epilepsy Society of Australia Clinical Epilepsy Teaching Course-virtual, 11 February 2022
- ANZANEEG Course-virtual, 12-13 February 2022
- Epilepsy Summer School, Sri Lanka-India-Pakistan-Bangladesh-virtual, 19-20 March 2022
- ASEPA joint paediatric EEG Master workshop, Malaysia-Singapore-Taiwan, 3 September 2022
- MSN-ASEPA Epilepsy pre-congress workshop, Kuala Lumpur, 30 September 2022
- Malang Integrated Education in Neurology Meeting-X, Malang, Indonesia's faculty, co-organizing support-hybrid, 1 October 2022
- ASEPA-CAAE Epilepsy Syndromes Workshop, Shenzhen, China-hybrid, 21-22 October 2022
- ASEPA translation symposium (Malaysia, Singapore, and Taiwan), Taipei, 29 October 2022
- 18th Asian and Oceanian Congress of Neurology and 29th Annual Conference of the Indian Academy of Neurology, ASEPA faculty and support of full-day Epilepsy CME course, face-to-face, New Delhi, India, 2-6 November 2022
- 14th Asian and Oceanian Epilepsy Congress-virtual meeting, 17-19 November 2022, including ASEPA activities: Seino memorial lecture, 5 didactic lectures and 3 workshops
- ASEPA and Taiwan Epilepsy Society 2022 EEG Masterclass Taipei, Taiwan-hybrid, 10 December 2022

ASEPA EEG Certification Examinations, ongoing since 2005: Shih Hui Lim, director

- Malaysia Part 1 written examination, Kuala Lumpur, 29 October 2022
- Part 2 examination, Adelaide, Australia, 25 October 2022
- Parts 1 and 2 examinations Taipei, Taiwan, 10-11 December 2022

Epilepsy Surgery Task Force: Sarat P. Chandra and Kensuke Kawai, co-chairs

Organization of webinar series on epilepsy surgery

“Epilepsy Surgery Case by Case Step by Step”:

- 29 January, Session 6, Red flags for MTLE and temporal plus epilepsy
- 27 February, Session 7, Semiology differences between pediatric and adult TLE and summary of the TLE section
- 25 March, Session 8, Overview of FLE
- 28 May, Session 9, Dorsolateral FLE
- 13 August, Session 10, Basal FLE
- 15 October, Session 11, Medial and cingulate FLE

Paediatric Task Force: Jithangi Wanigasinghe, chair

- Established a four-member working group on paediatric epilepsy
- Creation of the research group "South Asia Working group on Infantile Epileptic Spasm Syndrome"

Research Task Force: Kheng-Seang Lim, chair

- Expansion of 2 Task Force members, including YES representatives
- ILAE-YES partnership: Regular research meeting, starting October 2022
- ILAE-EpiNet collaboration: The first project is on infantile spasm
- Mentor-Mentee Program: 3 active projects on genetics, stigma, epilepsy surgery and ASM affordability, with presentations of the results during 14th AOEC 2022

Training Task Force (epilepsy fellowships): Chong Tin Tan, coordinator

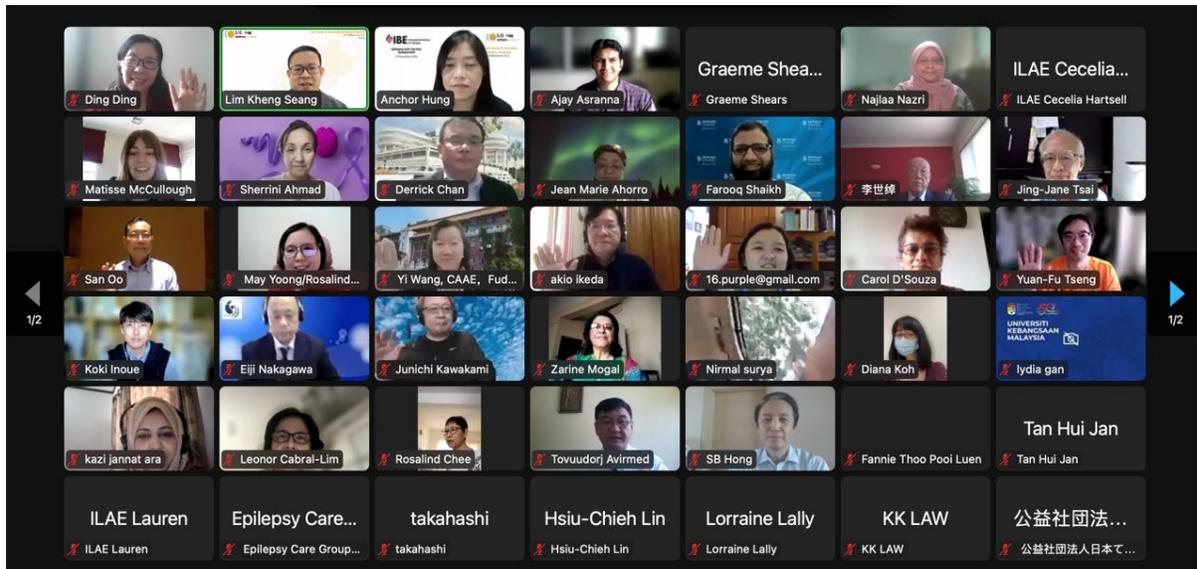
- Limited by travel restrictions from the pandemic
- For 2022, Dr Vo Thi Hanh Vi from HCMC, Vietnam was awarded the fellowship for epilepsy training at the Veteran General Hospital, Taipei.

YES-Asia and Oceania Region: Ajay Asranna, regional representative

- Journal Club: Commenced in January 2022 and every three months, with a multicountry roster: YES-Japan in January 2022, YES-India in April 2022, YES-Australia in August 2022, and YES-Malaysia in December 2022
- YES-Asia and Oceania newsletter initiated to create a shared space to communicate regional updates, notify exciting opportunities, and showcase achievements and talents of members from the region. The first Asia and Oceania newsletter was released in November 2022.
- ILAE- Asia and Oceania Research task force, YES- Asia and Oceania research collaboration: The first virtual meeting was held on 1 October 2022 on the topic “Genetic research in epilepsy, current perspectives and challenges.”
- The 14th Asian Oceanian Epilepsy Congress, 17-19 November 2022: YES sessions planned and executed-brainstorming, career development x2, data blitz
- YES activities at national meetings in the region: Malaysia, India, Australia

ACCOMPLISHMENTS

- 14th Asian and Oceanian Epilepsy Congress: virtual, 17-19 November 2022.
 - The virtual format allowed more people to participate given current difficulties and expense of travelling.
 - The program focused on practical epilepsy diagnosis, investigation, and management, living with epilepsy, as well as covering new diagnostic and treatment options and cutting-edge research.



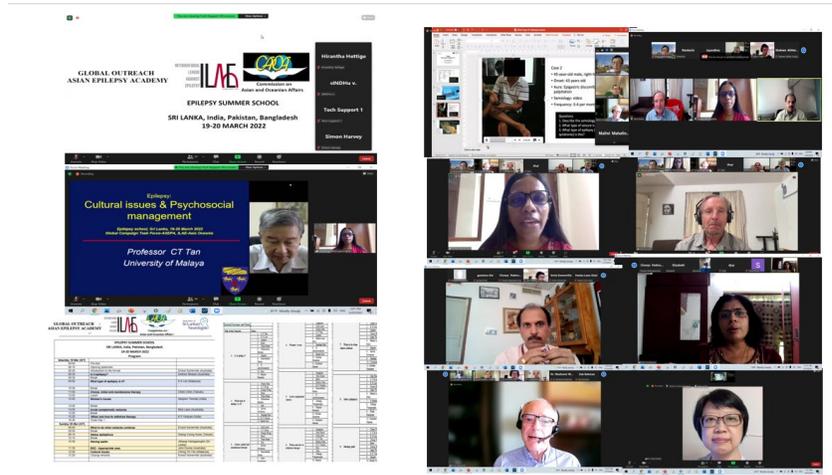
14th AOEC, 17-19 November 2022, IBE Epilepsy and Society Symposium



14th AOEC Tadokoro prize presentation, 19 November 2022

- ASEPA (Asian Epilepsy Academy)
 - Educational courses continue to be delivered in conjunction with local faculty to match the needs of the local community.
 - Epilepsy fellowships are provided future epilepsy specialists for the region.

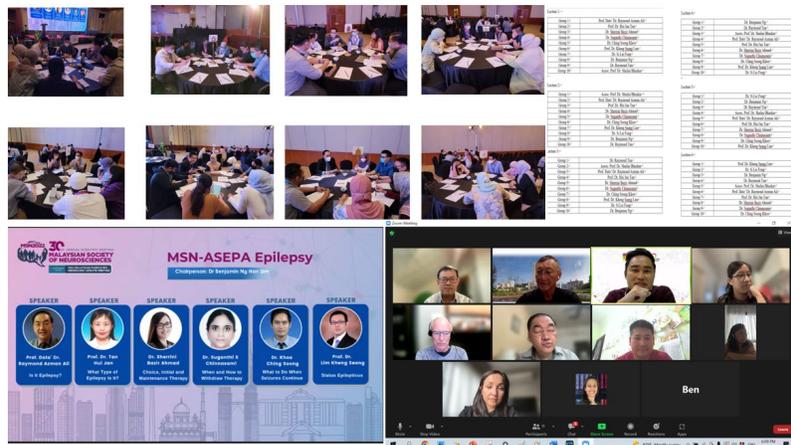
- The EEG certification examinations (written then oral), commenced in 2005, and continue to enhance the standard of EEG recording and interpretation skills.



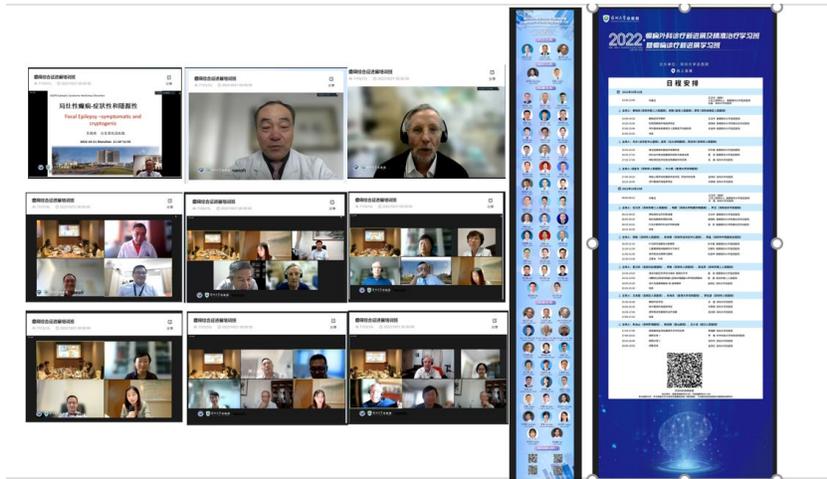
Sri Lanka ASEPA Summer School, 19-20 March 2022



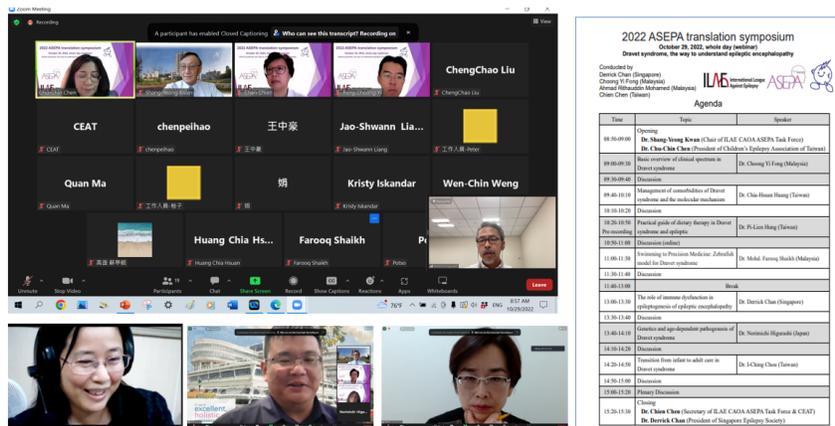
ASEPA Joint Pediatric EEG Master Workshop (Malaysia, Singapore, Taiwan), 3 September 2022



MSN-ASEPA Epilepsy pre-congress workshop, Kuala Lumpur, 30 September 2022



CAEE-ASEPA Epilepsy syndrome workshop, Shenzhen, China, 21 October 2022



ASEPA translation symposium (Malaysia, Singapore, Taiwan), 29 October 2022



ASEPA EEG Master class, 10 December 2022



Taiwan ASEPA EEG Examinations Part 1 and 2, Taipei, 10-11 December 2022

- Epilepsy Surgery Task Force
 - Epilepsy surgery online database development
 - Support development of epilepsy surgery programmed in resource poor countries, including Mongolia, Nepal, and Bhutan. Kensuke Kawai is assisting in Mongolia, visiting Mongolian National University of Medical Sciences on 28 September, organizing the acceptance of a Mongolian young epileptologist to Shizuoka Epilepsy Center for training, and planning an epilepsy symposium in Ulaanbaatar next June.
 - Collaboration with Asian Epilepsy Surgery Conference. Sarat Chandra has been appointed secretary general of AESC. AESC was successfully held online on 4-5 November 2022.
- Paediatric Task Force: Establishment of partnership with Epinet for creating a registry on Infantile Epileptic Spasm Syndrome, now available to be used by any researcher who wishes to participate
- Research Task Force: The research collaboration and network are promoted on a larger scale, and individual mentoring on a smaller scale.
- YES-Asia and Oceania
 - Membership: National liaisons from 14 countries, 138 Asia and Oceania members on the regional slack channel
 - WhatsApp group was created in April 2022 for better reach and coordination. The group has >90 members and has seen more active participation.
 - Global Presence: Increased participation of YES- Asia and Oceania members in ILAE and YES activities worldwide. Three YES members from the region are currently leading and participating in various task forces.

Journal Club

Barriers to telemedicine among physicians in epilepsy care during the COVID-19 pandemic: A national-level cross-sectional survey in Japan.
Kubota et al, *Epilepsy & Behavior*, 26:108487
DOI: <https://doi.org/10.1016/j.yebeh.2021.108487>

Friday, 28th Jan 2022
19:00 JST & KST, 15:30 IST, 17:00 WIB, 18:00 MYT & HKT, 21:00 AET, 23:00 NZ

Zoom link
<https://us1.zoom.us/j/96187115255?pwd=SHRlL2hwaU5LbVkrbG5mZVRvZVp1dU99>

Meeting ID: 961 8711 5255
Passcode: 631066



Presenter: Dr. Hirokazu Takeuchi
Invited Author #1: Dr. Takafumi Kubota
Invited Author #2: Dr. Izumi Kuremochi

Moderator: Dr. Daichi Sone, ILAE-YES liaison - Japan



The first YES-Asia and Oceania journal club presented by YES-Japan

EDITORIAL BOARD



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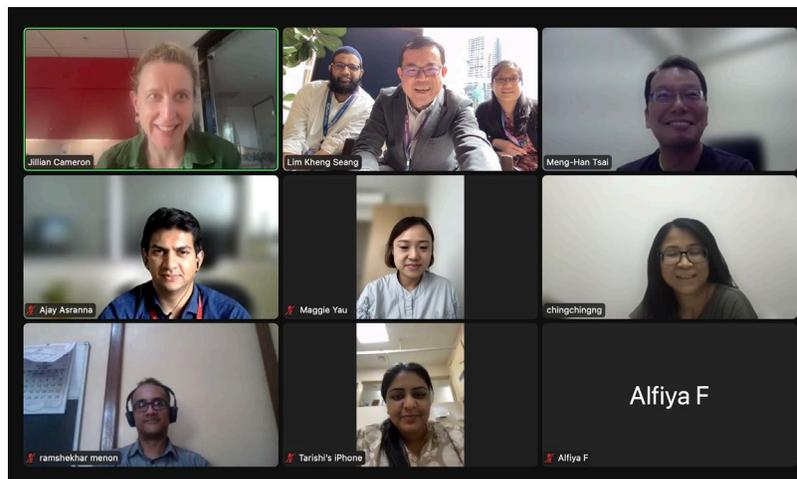
ILAE-YES CHAPTERS

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First YES-Asia and Oceania newsletter released in November 2022



First ILAE-YES Research Meeting on Genetics, 1 October 2022

HIGHLIGHTS

- 14th Asian and Oceanian Epilepsy Congress: virtual, 17-19 November 2022
 - The virtual format allowed more people to participate given current difficulties and expense of travelling.
 - The program focused on practical epilepsy diagnosis, investigation, and management, living with epilepsy, as well as covering new diagnostic and treatment options and cutting-edge research.
- ASEPA (Asian Epilepsy Academy) and ILAE-Asia and Oceania Task Forces educational activities
 - Different countries of our region have different priorities, depending on local needs and resources. ASEPA and ILAE-Asia and Oceania Task Forces continue to deliver fit-for-purpose regional education initiatives including didactic courses, Interactive case-based courses, and small group teaching, providing language specific educational materials, with visiting professors and ongoing online mentoring and support of local educators.
 - The target audience varies but is primarily healthcare providers. Secondary audiences include patients and their families, the community, educational institutions, and policy makers.
 - Epilepsy and epilepsy surgery fellowships are provided to nurture future epilepsy specialists for the region.
 - The EEG certification examinations, commencing in 2005, enhance the standards of EEG recording and interpretation skills, and have been increasingly adopted by many countries in our region.
- Intersectoral Global Action Plan on Epilepsy and other Neurological Conditions (IGAP).
 - Since the Intersectoral Global Action Plan on Epilepsy and other Neurological Conditions (IGAP) was passed in 2022, ILAE-Asia and Oceania wishes to obtain a clearer picture of epilepsy services in the different countries of our region to best target our cooperative efforts to deliver both ILAE/IBE and IGAP goals.
 - IGAP was highlighted by unopposed sessions on at the 14th AOEC, and a preliminary survey in December 2022 was completed by 13 of the 21 chapters to assist in strategic regional planning in 2023, including delivering more effective regional communication.

RESEARCH AND PUBLISHED ARTICLES

- Affordability of newer antiseizure medications in Asian resource-limited countries (under authors' review). Le, Viet-Thang; Thuy Le, Minh-An; Nguyen, Duc; Tang, Ngoc Phuong Loc; Nguyen, Anh; Pham, Tuan; Ngo, Tan; Nguyen, Minh; Tran, Thanh; Le, Tuan; Jallon, Pierre; Lim, Kheng Seang. Epilepsy surgery program in a resource-limited setting in Vietnam: a multicentered collaborative model" *Epilepsia Open*, Sep 2022. Doi:10.1002/epi4.12650
- Kubota T, Kuroda N, Horinouchi T, Ikegaya N, Kitazawa Y, Kodama S, et al. Barriers to telemedicine among physicians in epilepsy care during the COVID-19 pandemic: A

national-level cross-sectional survey in Japan. *Epilepsy & Behavior*. 2022 Jan; 126:108487.

- Epilepsy-Innovations and Advances: chapters authored by multiple ILAE-Asia and Oceania members. In Sylaja PN (ed) (2022). IAN Reviews in Neurology 2022: Epilepsy-Innovations and Advances. Jaypee Brothers Medical Publishers, New Delhi/London.

MEETINGS

- ILAE-Asia and Oceania Executive: 9
- AOEC Scientific and Organizing Committee: 17
- ASEPA: 15
- Epilepsy Surgery Task Force: 8
- Paediatric Task Force: 2
- Research Task Force: 3
- YES-Asia and Oceania: 11

FUTURE PLANS

Further support and development of regional communications and fit-for-purpose regional programmes will deliver the best outcomes for people with epilepsy, including supporting IGAP, and strategic planning is underway.

Report submitted by John Dunne