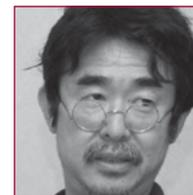


COMMISSION ON NEUROPSYCHIATRY



Kousuke Kanemoto

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Task Force on Education

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Alla Guekht (Russia)
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Hyang Woon Lee (South Korea)
Daliwonga Magazi (South Africa)
Çiğdem Özkara (Turkey)
Alfredo Thomson (Argentina)
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Task Force on Child Neuropsychiatry

David Dunn (USA), Chair
Frank Besag (UK)
Paula T. Fernandez (Brazil)
Jo M. Wilmshurst (South Africa)

Aims

The main aim of the commission is to develop, stimulate and coordinate research and medical education in the field of the neuropsychiatry of epilepsy.

Mission

The mission of the commission is to

1. Ensure that health professionals, as well as patients and their care providers, have educational and research resources essential

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for understanding, diagnosing, and treating various psychiatric manifestations in patients with epilepsy.

2. Reduce prejudice, as epilepsy patients with psychiatric comorbidities are easily exposed to a double prejudice that can affect medical personnel involved in their treatment.

Commission Activities November 2014 through December 2015

A) Achievements

- A-1) 6 December 2014 (Seattle Sheraton Hotel, Seattle, WA USA). The second meeting of Neuropsychiatric committee Attendees: Kousuke Kanemoto (Japan), Mike Kerr (UK), Markus Reuber (UK), Sung Pa Park (South Korea), Gerardo Filho (Brazil), David Dunn, (USA), José F. Téllez Zenteno (Canada), Mayu Fujikawa (Japan).
- A-2) 6 September 2015 (Hilton Istanbul Bosphorus, Istanbul, Turkey). Attendees: [Kousuke Kanemoto (Japan), (South Korea), Mike Kerr (UK), Markus Reuber (UK)]
- A-3) 29 October 2015 (Nagasaki Sinbun-Bunka Hall, Nagasaki, Japan). "PNES around the world: let's learn more about this neglected disorder and see how we might help. A joint meeting of the ILAE and the Japan Epilepsy Society (JES)". Speakers: [Kousuke Kanemoto (Japan), Yozo Miyake (Japan), Curt LaFrance (USA), Markus Reuber (UK), Kazutaka Jin (Japan), Rod Duncan (NZ), Tomohiro Oshima (Japan), Yukari Tadokoro (Japan), Etsushi Kat (Japan), Hiroko Goji (Japan), Hiroko Ikeda (Japan), Sung Pa Park (South Korea), Go Taniguchi (Japan), Dong Zhou (China), Ravi Paul (Zambia), David Gigineishvili (Georgia), Mike Kerr (UK)]
- A-4) 7 December 2015 (Marriott Philadelphia Downtown, Philadelphia, PA USA). Annual meeting of neuropsychiatric committee: Attendees: Kousuke Kanemoto (Japan), Mike Kerr (UK), Sung Pa Park (South Korea), Markus Reuber (UK), Marco Mula (UK), David Dunn (USA), José F. Téllez Zenteno (Canada)

Initiatives in Progress

- A-5) 9-10 October 2016 (Nagakute, Japan). A symposium titled "Depression in patients with epilepsy: how could neurologists, psychiatrists

and neurosurgeons co-work and how much do Asian colleagues acknowledge it?" is planned. The date and the venue may be changed because of financial reasons.

- A-6) 22 October 2016 (São Paulo, Brazil). A symposium on psychiatric issues before and after surgery waits for ILAE approval. Planned attendees and speakers are as follows: Gerardo Filho (Brazil), Jose Téllez Zenteno (Canada), Elza Marcia Yacubian (Brazil), Andres Kanner (USA), Mayu Fujiwara (Japan); Kousuke Kanemoto (Japan), Marco Mula (UK), Markus Reuber (UK), Steffi Koehstecker (Germany), Mike Kerr (UK)

B) Depression Task Force (chaired by Sung Pa Park) - Achievements

- B-1) NDDIE and GAD translations.
- 1) Validations of the NDDIE in Chinese (by Dongmei An) and French (by McGonigal) were completed and published.
 - Micoulaud-Franchi JA, Barkate G, Trébuchon-Da Fonseca A, Vaugier L, Gavaret M, Bartolomei F, McGonigal A. One step closer to a global tool for rapid screening of major depression in epilepsy: validation of the French NDDI-E. *Epilepsy Behav.* 2015;44:11-6.
 - Tong X, An D, Lan L, Zhou X, Zhang Q, Xiao F, Park SP, Kanemoto K, Kanner AM, Zhou D. Validation of the Chinese version of the Neurological Disorders Depression Inventory for Epilepsy (C-NDDI-E) in West China. *Epilepsy Behav.* 2015;47:6-10.
 - 2) McGonigal encouraged Hansen to validate a Danish version of NDDI-E. The results was published in *Seizure* (2015;33:41-45). A cut-off point was 13.
 - Hansen CP, Amiri M. Combined detection of depression and anxiety in epilepsy patients using the Neurological Disorders Depression Inventory for Epilepsy and the World Health Organization well-being index. *Seizure.* 2015;25;33:41-45.

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- 3) McGonigal exhibited the French version of NDDIE in the homepage of the French Epilepsy Society.
- 4) Sung Pa Park completed the study investigating the relationship between perceived stress and depression in PWE. It was presented in IEC, Istanbul. (Depression exerted direct effect on perceived stress regardless of seizure control).

Initiatives in Progress

B-2) NDDIE and GAD translations.

- 1) Thai version of the NDDIE is proposed. Chinvarun, Neurology division, Dept. of Medicine, Pramongkutklao Royal Army Hospital and Medical College, Bangkok, completed the translation of Thai version NDDI-E. Now he enrolls patients.
- 2) Considering the potential difference of cut-off points based on different cultural backgrounds, trials in Hong Kong and Taiwan are also proposed. Hong Kong: no reply. Taiwan: Hsiang-Yao Hsieh, Department of Neurology, from Chang-Gung Memorial Hospital, LinKou, replied how the validation is conducted.
- 3) Polish version of NDDIE is suggested to Jerzy Majkowska (a chief editor of *Journal of Epileptology*). Bartłomiej Gmaj, MD, PhD, Department of Psychiatry, Medical University of Warsaw may proceed with the process.
- 4) Dongmei An from China completed the validation study of GAD, and submitted it to *Epilepsy Research*. Dr. McGonigal enrolls patients for validation of GAD.

C) Psychosis TF (chaired by Bertrand de Toffol) - Achievements

- C-1) Awareness gap about psychosis in patients and medical personnel. A preliminary investigation is done on this matter and published.
- Kanemoto K, Tsuda H, Goji H, Tadokoro Y, Oshima T, Tachimori H, DeToffol B. *Delusional experience awareness gap between patients and treating doctors - Self-reported EPDS questionnaire. Epilepsy Behav.* 51: 60-4, 2015.

Initiatives in Progress

- C-2) Validation for EPDS as a simple screening tool for psychosis in patients with epilepsy. This initiative is now in progress.
- C-3) Special issue or positional paper for pharmacological treatment of psychosis in patients with epilepsy. This is planned by Bertrand and Kanemoto, then approved by Task Force members. Potential contributors are Michael Trimble (UK), Dale Hesdoreffer (USA), Perminder Sachdev (Australia), Kousuke Kanemoto (Japan), Andres Kanner USA, Maurice Clancy (UK), Naoto Adachi (Japan), Steffi Kochstoecker (Germany), José Augusto Bragatti (Brazil), Marco Mula (UK), Bertrand de Toffol (France).

Recommendation

- C-4) ILAE supported definition of psychoses in patients with epilepsy. A survey in order to evaluate the knowledge of psychiatrists in western countries about PIP is suggested.

D) Education Task Force (chaired by Marco Mula) - Achievements

- D-1) Highlighting psychiatric comorbidities in regional and local courses. Task force members have been very active in promoting information on psychiatric comorbidities in regional and local meetings and educational events.
- (1) The 9 Latin America Summer School on Epilepsy organized by Esper Cavalheiro (Brazil) and held in Sao Paulo was dedicated to comorbidities in epilepsy with several sessions dedicated to psychiatric comorbidities in children and adults with epilepsy.
 - (2) Alla Guekht (Russia) organized two workshops, one in Russia and one in Kazakhstan, and special attention was given to somatic and psychiatric comorbidities of epilepsy.

Initiatives in Progress

- D-2) VIREPA courses. The task force worked on two formats for VIREPA: (1) Psychiatric aspects in adults with epilepsy (co-chaired with Andy Kanner) and (2) Psychiatric Aspects in children (Co-Chaired with David Dunn). Course (1) was ready to run with all educational material already prepared but it is not adopted due to

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financial reasons. Accumulated material is worth disseminating, so efforts to publish it will be continued.

- D-3) Survey on educational needs. The task force has prepared a survey for neurologists and psychiatrists about psychiatric comorbidities of epilepsy. The survey is currently running. Apart from the usual ILAE pathways (regional commission chairs) the following societies have been contacted in order to disseminate the survey: World Federation of Neurology, European Academy of Neurology, European Society of Child Neurology, World Psychiatry Association, World Federation of Societies of Biological Psychiatry, European Psychiatry Association, Child and Adolescent Psychiatry Association. Results will be analyzed and disseminated during the first semester of 2016.

E) Task Force on Intellectual disability. Initiative in Progress

- E-1) The results of Tokyo presentations are amalgamated and being now processed by Mike Kerr and Christine Linehan, becoming soon ready for submission

Recommendation

- E-2) Transition from child care to adult care. This topic was suggested to be picked up intensively in the remaining tenure of this committee. Because this includes a variety of challenges ranging from simple misunderstanding to lack of appropriate institutes, the simple task such as a minimum requirement of referred letter is suggested as the first step. Collaboration with the child committee is strongly recommended.

F) Task Force on Psychogenic Non-Epileptic Seizure. Initiatives in Progress

- F-1) Survey about the treatment of PNES around the world. Two years ago the PNES Task Force decided to focus on the topic of "PNES around the world." The ultimate goal of this project was to allow more patients to gain access to appropriately trained and equipped diagnostic and treatment services. The core group involved in this project, task force members, was subsequently joined by Wissam El-Hage (France) and Coraline Hingray (France). An international ILAE PNES Task Force steering group met at the European Epilepsy Congress

in Stockholm on 30 June 2014. We heard presentations describing the challenges faced by patients with PNES in different countries and formulated our plans for two surveys:

- 1) a more detailed survey of health practitioners in a number of countries around the world and
 - 2) a brief survey of all ILAE chapters.
- The surveys were drafted, circulated and approved by the ILAE between August 2014 and February 2015. From February 2015 until November 2015 more detailed surveys were undertaken in Japan, UK, US, Canada, Chile, Georgia, France, Zambia, and South Africa. The ILAE chapter survey has been completed by 53 chapters. Some preliminary findings of the surveys were presented at a joint meeting of the PNES Task Force and the Japanese Epilepsy Society in Nagasaki, Japan, on 29 October 2015. Data analysis and preparation of a report are underway. Several of the coordinators of the more detailed national surveys are planning to publish reports focusing on the findings in their countries.

- F-2) A symposium on PNES at Nagasaki, Japan on 29 October 2015. The symposium ended with great satisfaction both to speakers and audience. A position paper is planned and now being processed as a result of this symposium.

Recommendations

- F-3) We have discussed that after completion of the report about the international surveys the ILAE Task Force may define different levels of PNES treatment, which would allow centers to identify themselves as providing an internationally comparable range of diagnostic and therapeutic options for people with PNES.
- F-4) An ILAE supported definition of PNES is recommended to be discussed. An international consensus is expected to come out of it.

G) Presurgical Psychiatric Evaluation. Initiative in Progress

- G-1) A symposium in Brazil. This is a prioritized initiative for our committee next year. By focusing our applications of budget to ILAE on this matter, we will try again to get approval for this initiative.
- G-2) Position papers from Brazil meeting. If this initiative is approved, several papers are expected to appear.

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G-3) Systemic review on presurgical assessment tools for depression. Mayu Fujikawa is in charge of this and processing.

H) Task Force on Child Neuropsychiatry. Initiatives in Progress

H-1) Special issues. The series of reviews have been submitted to *Epileptic Disorders* and Frank Besag has received editorial comments. Revisions are being completed and should be in to *Epileptic Disorders*. My assumption is that they will be accepted and publication will occur over the next year or two.

H-2) Collaboration with the pediatric commission. The pediatric commission of ILAE has established a Task Force on Comorbidities. For this coming year, I will work with them on a review of aspects of ADHD in children with epilepsy. Lead for this project is Stéphane Auvin.

H-3) Screener for epilepsy clinics. The psychosocial workgroup at AES is developing a screener for use in comprehensive epilepsy clinics. The screeners will be piloted and then presented to the AES membership.

I) Task Force on Discussion between Neurologist and Psychiatrist -

Recommendations

Collaboration with AES is proposed.

A symposium at the world neurology congress is proposed.