

COMMISSION ON NEUROPSYCHIATRY



Kousuke Kanemoto

Chair

Kousuke Kanemoto (Japan)

Members

Mike Kerr (UK)

Marco Mula (Italy)

Andres Kanner (USA)

José Francisco Téllez-Zenteno (Canada)

Sungpa Park (South Korea)

Markus Reuber (UK)

Robert Kuba (Czech Republic)

David Dunn (USA)

Gerardo Filho (Brazil)

MC Liaison

Tatsuya Tanaka (Japan)

Subcommission Members

TF on Intellectual Disabilities

Mike Kerr (UK), Co-chair

Kousuke Kanemoto (Japan), Co-chair

Christian Brandt (Germany)

Vicente Villanueva (Spain)

Christine Linehan (UK)

Yukari Tadokoro (Japan)

Sarah Wilson (Australia)

TF on Psychiatric Aspects of Epilepsy Surgery

Gerardo Filho (Brazil), Chair

Steffi Kochstoecker (German)

Mike Kerr (UK)

Kousuke Kanemoto (Japan)

Mayu Fujiwara (Japan)

José F. Téllez-Zenteno (Canada)

Sara Wilson (Australia), Diagnostic Commission liaison

TF on Psychogenic Non-Epileptic Seizures

Markus Reuber (UK), Chair

Kette de Valente (Brazil)

Chrisma Pretorius (South Africa)

Masharip Atadzhanov (Zambia)

Zhou Dong (China)

Yogesh Patidar (India)

David Gigineishvili (Georgia)

Ibrahim Hakki Bora (Turkey)

Aliakbar Asadi-Pooya (Iran)

Alejandro De Marinis (Chile)

Rod Duncan (New Zealand)

Curt LaFrance (USA)

Kousuke Kanemoto (Japan)

TF on Psychoses

Robert Kuba (Czech Republic), Chair

Tomohiro Oshima (Japan)

Yukari Tadokoro (Japan)

Bertrand de Toffol (France)

TF on Depression

Sungpa Park (South Korea), Chair

Andy Kanner (USA)

Kousuke Kanemoto (Japan)

Aileen McGonigal (France)

Dongmei An (China)

TF on Discussion between Neurologists and Psychiatrists

Andres Kanner (USA), Chair

TF on Education

Marco Mula (Italy), Chair

Alfredo Thomson (South America)

Sara Wilson (Australia)

Çigdem Özkara (Turkey)

Alla Guekht (Europe)

Andres Kanner (USA)

Esper Abrao Cavalheiro (South America)

Hyang Woon Lee (South Korea)

TF on Child Neuropsychiatry

David Dunn (USA), Chair

Paula T. Fernandez (Brazil)

Jo M. Wilmshurst (South Africa)

Frank Besag (UK)

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.

Missions

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 for understanding, diagnosing, and treating various psychiatric manifestations in patients with epilepsy.
2. Reduce prejudice, as epilepsy patients with psychiatric co-morbidities are easily exposed to a double prejudice that can affect medical personnel involved in their treatment.

COMMISSION ON NEUROPSYCHIATRY *(continued)*

Commission Activities July 2013 through October 2014

A) Face to face meetings and symposia
7 December, 2013 (Washington, D.C.).
The first meeting of the Neuropsychiatric
Committee. Attendees: Kousuke Kanemoto
(Japan), Mike Kerr (UK), Andres Kanner (USA),
José Francisco Téllez-Zenteno (USA), Sungpa Park
(South Korea), Markus Reuber (UK), David Dunn
(USA), Curt LaFrance (USA). One additional
member (Gerardo Filho) sent a presentation,
which was shared with the attendees.

8 December 2013 (Washington, D.C.). Psychosis
Task Force small meeting. Attendees: Robert Cuba
(Czech Republic), Kousuke Kanemoto (Japan).

29 June, 2014 (Stockholm). PNES Task Force
meeting, PNES around the world. Attendees:
Markus Reuber (UK), Kette de Valente (Brazil),
Chrisma Pretorius (South Africa), David
Gigineishvili (Georgia), Aliakbar Asadi-Pooya
(Iran), Alejandro De Marinis (Chile), Curt LaFrance
(USA), Kousuke Kanemoto (Japan), Mike Kerr (UK)
as treasurer. One additional member (Ravi Paul,
Zambia) sent a presentation, which was shared
with the attendees.

At Stockholm, Mike Kerr attended the meeting of
the Task Force on Syndromes & the Diagnostic
Manual as liaison.

30 September, 2014 (Tokyo). Surgery task force
small meeting. Attendees: Mayu Fujikawa (Japan),
Kousuke Kanemoto (Japan), Sarah Wilson
(Australia).

1 October, 2014 (Tokyo). Epilepsy, behavior and
intellectual disability: A time for change. Joint
symposium of the ILAE and the Japan Epilepsy
Society. Christine Linehan (Ireland), Mike Kerr (UK),
Kenji Sugai (Japan), Christian Brandt (Germany),
Sara Wilson (Australia), Kousuke Kanemoto
(Japan), Jun Kawasaki (Japan), Hirano Keiji &
Yukai Tadokoro (Japan), Jo Wilmshurst
(South Africa).

B) NDDIE translations.
The translation of NDDIE is currently in progress.
Aileen McGonigal is translating the French version
and Dongmei An the Chinese version.

C) Presurgical psychiatric evaluation.
A draft of systemic review on presurgical
assessment tools for depression is being made by
Mayu Fujikawa. This draft was reviewed and
examined at the Tokyo meeting and commented
on through e-mail from TF members.

D) Awareness gap about psychosis in patients and
medical personnel. Preliminary inquiry was made
about the awareness gap between medical
personnel and patients about psychosis, applying
the Emotions with Persecutory Delusions Scale
(EPDS) to 80 Japanese patients.

E) VIREPA e-learning (completed in 2013).

Accomplishments July 2013 through October 2014

A) Task Force on Intellectual Disability.
The symposium, "Epilepsy, behavior and
intellectual disability: A time for change. An
international ILAE conference," was successfully
held in Tokyo 1 October, 2014, in association
with the annual meeting of the Japan Epilepsy
Society (1 to 3 October, 2014). The purpose of
the meeting was to discuss key areas of need,
and solutions to these, to reduce the burden of
psychological and behavioral problems especially
in adult people with an intellectual disability
and epilepsy.

The program was as follows.

10:00-10:05 Opening remarks.

Kousuke Kanemoto (Japan)

Session I (10:05-12:25)

Christian Linehan & Jo Wilmshurst (chairs)

10:05-10:40 The burden of disease, a public health
perspective: epidemiology measurement of impact.

Christine Linehan (Ireland)

10:40-11:15 Challenging behavior & psychological
distress in people with EP and ID including the role of
seizures. Mike Kerr (UK)

COMMISSION ON NEUROPSYCHIATRY *(continued)*

11:15-11:50 Understanding behavior and mental health: the impact of causation. Kenji Sugai (Japan)
11:50-12:25 Autism, behavior and epilepsy: challenges in adolescence. Jo Wilmshurst (South Africa)
Session II (13:15-15:00) Kousuke Kanemoto and Sara Wilson (chairs)
13:15-13:50 Understanding behavior and mental health: the impact of AED. Christian Brandt (Germany)
13:50-14:25 Treatment: psychological approaches. Sara Wilson (Australia)
14:25-15:00 Treatment: role of medication. Kousuke Kanemoto (Japan)
Session II (15:20-17:30) Mike Kerr and Christian Brandt (chairs)
15:20-15:50 Characteristic behavioral problems in patients with intellectual disability with and without epilepsy. Jun Kawasaki (Japan)
15:50-16:20 Social change: policy and family burden UK and Ireland. Christine Linehan (Ireland)
16:20-16:50 Social change: policy and family burden Japan. Hirano Keiji and Yukai Tadokoro (Japan)
16:50-17:30 Overall discussion and future direction of the task force
17:30-17:35 Closing remarks Mike Kerr (UK)

The last speech delivered by Kenji Hirano, vice-president of IBE Japanese branch and father of a 26-year-old daughter with Dravet syndrome, symbolized this fruitful symposium, which strongly supported the need to pay attention to this group of patients. Speakers noted in particular the difficulty in transition from pediatric care to the adult care in people with an intellectual disability and epilepsy.

B) Task Force on Psychogenic Non-Epileptic Seizure
A meeting titled "PNES around the world" was held in Stockholm in association with the annual meeting of ECE. The purpose of the meeting was to promote awareness of PNES around the world. A cross-cultural PNES study that compares diagnosis and treatment approaches is planned, because PNES may vary according to different social and cultural backgrounds. The program was as follows.

11.00-11.15: Welcome and Introductions - Kousuke Kanemoto, Markus Reuber and Mike Kerr
11.15-11.45: PNES, PNES services & research in Brazil – Kette Valente
11.45-12.15: PNES, PNES services and research in the USA - Curt LaFrance
12.15-12.45: PNES, PNES services and research in Chile – Alejandro De Marinis
13.00-13.30: PNES, PNES services and research in Iran – Aliakbar Asadi Pooya
13.30-14.00: PNES, PNES services and research in Georgia - David Gigineishvili
14.00-14.30: PNES, PNES services and research in Zambia – Ravi Paul
15.30-16.00: PNES, PNES services and research in Japan – Kousuke Kanemoto
16.00-16.30: PNES, PNES services and research in South Africa – Chrisma Pretorius
16.30-17.00: PNES surveys conducted in the UK: a possible model for surveys elsewhere? – Markus Reuber
17.15-19.00: Design of research plans for global PNES Task Force.

Although there is no universally agreed upon definition of PNES, the phenomenon of PNES is recognized around the world, and there is currently no evidence of major differences in terms of prevalence or semiology of PNES in different cultures. Current evidence suggests that PNES presenting to medical settings is as disabling as epilepsy. Worldwide, the experience of the Task Force members and the available evidence suggests that only a small minority of patients with PNES have access to experts capable of making the diagnosis, appropriate diagnostic facilities and treatment modalities.

Recommendations for Future Work

- A) TF on Intellectual disability:
- 1) A task force paper on epilepsy intellectual disability and epilepsy, focusing on management recommendations and research gaps will be produced as an outcome of the Tokyo symposium. This is already being planned and in progress, which will be preferably submitted to *Epilepsia*.
 - 2) The strong statements made by the father of the patient at the end of Tokyo symposium will be published in *Epilepsy & Seizure* (official English Journal of JES).

COMMISSION ON NEUROPSYCHIATRY *(continued)*

- 3) The difficulty in transition from pediatric care to the adult care should be specially addressed and collaboration between child and neuropsychiatric committee should be further promoted. This link will be pulled up during the AES in Seattle 2014.
- B) TF on PNES
- 1) Two questionnaires about the treatment of PNES have been produced and approved by committee members as well as the executive committee. One questionnaire will be distributed by PNES TF members to people involved in the care of patients with PNES in their respective countries. The other questionnaire will be sent to all chapters of the ILAE and is intended to be completed by each chapter.
 - 2) A symposium on PNES is planned to be held at Nagasaki, Japan on 29 October, 2015. We will soon begin with financial planning and approval procedure for ILAE.
 - 3) Papers will be produced as a fruit of these activities.
- C) TF on depression
- 1) French version and Chinese version of NDDIE, should be completed
 - 2) Thai version is proposed
 - 3) Considering the potential difference of cut-off points based on different cultural backgrounds, trials in Hong Kong and Taiwan are also proposed
 - 4) Translation of GAD is suggested by the TF chair.
- D) TF on Psychiatric Aspects of Epilepsy Surgery
- 1) A systemic review in the making should be completed and published
 - 2) Other psychiatric issues other than depression should be addressed after scales for depression have been accomplished.
- 3) A face to face meeting should be held to promote discussions preferably in South America. Funding to support this key endeavor of the group will be sought through the ILAE.
- E) TF on Psychosis
- 1) Candidates for possible screening tools for psychosis in patients with epilepsy will be reviewed.
 - 2) Awareness gap on this matter between patients with medical personnel will be identified on the basis of preliminary work.
- F) TF on Child Neuropsychiatry
- Collaboration with child committee will be intensified especially concerning transition between child and adult care.
- G) TF on Education
- 1) A comprehensive textbook on neuropsychiatric issues will be published.
 - 2) VIREPA course on psychiatric aspects in adult patients with epilepsy.
 - 3) VIREPA course on psychiatric aspects in children with epilepsy.
 - 4) Survey on educational needs of neurologists and psychiatrists.
- H) TF on Discussion between Neurologists and Psychiatrists. The collaboration with AES is proposed.