**ASEPA Pre-congress Workshop**

08:30 - 12:00

**Tabanan Room**

**EPILEPSY: A PRACTICAL GUIDE TO DIAGNOSIS AND MANAGEMENT**

Please note that a separate registration fee applies: [http://epilepsybali2018.org/registration-fees](http://epilepsybali2018.org/registration-fees)

**Chairs:**
Co-chair: Seung Bong HONG (Korea, Republic of)
Co-chair: Yotin CHINVARUN (Thailand)

**Introduction**

**Clinical features of different seizures types (and why it matters)**
Speaker: Seung Bong HONG (Korea, Republic of)

**Differential diagnosis: common non-epileptic events**
Speaker: Yotin CHINVARUN (Thailand)

**What tests are needed, if any?**
Speaker: Kurnia KUSUMASTUTI (Indonesia)

**Coffee Break**

**First seizure - when to treat and when not to treat?**
Speaker: Josephine CHAN (Australia)

**Newly diagnosed epilepsy - providing essential education and advice**
Speaker: P. SATISHCHANDRA (India)

**Newly diagnosed epilepsy - factors guiding AED treatment**
Speaker: Martin BRODIE (United Kingdom)

---

**ASEPA Pre-congress Workshop**

08:30 - 12:00

**Singaraja Room**

**WHY AM I STILL HAVING SEIZURES? (THE PATIENT WITH CONTINUING SEIZURES)**

Please note that a separate registration fee applies: [http://epilepsybali2018.org/registration-fees](http://epilepsybali2018.org/registration-fees)

**Chairs:**
Co-chair: Andrew BLEASEL (Australia)
Co-chair: Emilio PERUCCA (Italy)

**Introduction**

**Is the diagnosis correct?**
Speaker: Andrew BLEASEL (Australia)

**Problems with AED usage and possible solutions**
Speaker: Emilio PERUCCA (Italy)
Scientific Programme

AED polytherapy - factors guiding selection
Speaker: Martin BRODIE (United Kingdom)

Coffee Break

Managing acute seizure exacerbations at home
Speaker: Anannit VISUDTIBHAN (Thailand)

Managing a progressive underlying process
Speaker: Derrick CHAN (Singapore)

Epilepsy surgery - when to consider?
Speaker: Byung-In LEE (Korea, Republic of)

Main Session
14:00 - 15:30
Griya Agung Ballroom

CHAIRMEN'S SYMPOSIUM: PERSONALIZED MEDICINE IN EPILEPSY

Chairs:
Co-chair: Byung-In LEE (Korea, Republic of)
Co-chair: P. SATISHCHANDRA (India)
Co-chair: Kurnia KUSUMASTUTI (Indonesia)

Introduction
The concept and scope of personalized medicine in epilepsy
Speaker: Sam WIEBE (Canada)

Diagnostic models in the era of personalized medicine
Speaker: Patrick KWAN (Australia)

Precision therapies through genomics
Speaker: Sam BERKOVIC (Australia)

Precision medicine through stem cells
Speaker: Shinichi HIROSE (Japan)

Seino Memorial Lecture
15:30 - 16:15
Griya Agung Ballroom

EPILEPSY CARE: ISSUES RELATED TO WORK, LEISURE, UPBRINGING AND CULTURE

Chairs:
Chair: John DUNNE (Australia)

Introduction
Epilepsy care: issues related to work, leisure, upbringing and culture
Speaker: Chong Tin TAN (Malaysia)
Scientific Programme

ASEPA Workshop
16:30 - 18:00
Denpasar Room

SHARING YOUR RESEARCH: PARTICIPATION AND PRESENTATION

Chairs:
Chair: Sam WIEBE (Canada)

How to write an abstract
Speaker: Sam WIEBE (Canada)

How to make a platform presentation
Speaker: John DUNNE (Australia)

How to prepare a poster
Speaker: Shang-Yeong KWAN (Taiwan, Republic of China)

General
18:30 - 19:30
Griya Agung Ballroom

Welcome Ceremony
Details will be announced in April.
Scientific Programme

Friday, 29 June 2018

ASEPA Didactic Lecture
07:30 - 08:15
Denpasar Room

FIRST SEIZURE EVALUATION AND MANAGEMENT: FACTS AND FICTION

Chairs:
Chair: Howan LEUNG (Hong Kong)

Introduction
First seizure evaluation and management: facts and fiction
Speaker: Nicholas LAWN (Australia)

ASEPA Didactic Lecture
08:15 - 09:00
Denpasar Room

THE CLINICAL UTILITY OF EEG IN EPILEPSY CARE

Chairs:
Chair: Muzharul MANNAN (Bangladesh)

Introduction
The clinical utility of EEG in epilepsy care
Speaker: Kurupath RADHAKRISHNAN (India)

Main Session
09:00 - 10:30
Griya Agung Ballroom

EPILEPSY SURGERY IN PATIENTS WITH NORMAL MRI

Chairs:
Co-chair: Kheng-Seang LIM (Malaysia)
Co-chair: Tatsuya TANAKA (Japan)

Introduction
Approach in resource-limited countries: to refer or to start?
Speaker: Yotin CHINVARUN (Thailand)

Advances in MRI: is normal MRI really normal?
Speaker: Graeme JACKSON (Australia)

When can non-invasive monitoring be sufficient?
Speaker: Byung-In LEE (Korea, Republic of)

Invasive monitoring: SDE ± depth or Stereo EEG?
Speaker: Chong WONG (Australia)
Scientific Programme

Post Main Session
11:00 - 12:30
Griya Agung Ballroom

LOCALIZATION OF FOCAL EPILEPSY ZONE AND NETWORK

Chairs:
Co-chair: Ding DING (China)
Co-chair: Suryani GUNADHARMA (Indonesia)

Introduction

Epileptogenic zone vs epileptic network: competitive or complementary?
Speaker: Kheng-Seang LIM (Malaysia)

Understanding focal epilepsy zone via seizure semiology
Speaker: Suryani GUNADHARMA (Indonesia)

Understanding focal epilepsy zone via source imaging
Speaker: Jean GOTMAN (Canada)

Understanding epileptic network via connectivity analysis (in both neurophysiology and imaging)
Speaker: Yuping WANG (China)

Parallel Session
11:00 - 12:30
Denpasar Room

IMAGING IN EPILEPSY

Chairs:
Co-chair: Graeme JACKSON (Australia)
Co-chair: Endang KUSTIOWATI (Indonesia)

Introduction

Assessing white matter tracts in the brain: advances in mapping tract-specific white matter fibre density and morphology
Speaker: Alan CONNELLY (Australia)

Imaging (PET SPECT and MRI) in the preoperative assessment of the patient with epilepsy
Speaker: Masaki IWASAKI (Japan)

Preoperative assessment of cortical function using fMRI
Speaker: Manjari TRIPATHI (India)

Application of image-processing techniques in MRI-negative epilepsy
Speaker: Yee-Leng TAN (Singapore)

Parallel Session
11:00 - 12:30
Tabanan Room

ADVANCES IN THE TREATMENT OF EPILEPSY

Chairs:
Co-chair: Martin BRODIE (United Kingdom)
Co-chair: Kurnia KUSUMASTUTI (Indonesia)
**Scientific Programme**

**Introduction**

*Early employment of polytherapy in PWE*
Speaker: Byung-In LEE (Korea, Republic of)

*Neuromodulation*
Speaker: Sarat CHANDRA (India)

*Repurpose drugs in epilepsy*
Speaker: Piero PERUCCA (Australia)

*Antiepileptogenic therapy; is it possible?*
Speaker: Emilio PERUCCA (Italy)

---

**Parallel Session**
11:00 - 12:30
Singaraja Room

**RECENT ADVANCES IN PSYCHOGENIC NON-EPILEPTIC SEIZURES**

Chairs:
Co-chair: Kousuke KANEMOTO (Japan)
Co-chair: Machlusil HUSNA (Indonesia)

**Introduction**

*Epidemiology*
Speaker: Seung Bong HONG (Korea, Republic of)

*Imaging studies (Neuroimaging in patients with psychogenic non-epileptic seizures)*
Speaker: Dong ZHOU (China)

*Diagnosis*
Speaker: Hsiang-Yu YU (Taiwan, Republic of China)

*Treatment (Alternative intervention in the absence of CBT therapists)*
Speaker: Kousuke KANEMOTO (Japan)

---

**Poster Session**
12:30 - 13:30
Negara Room

**ADULT EPILEPTOLOGY**

*Hippocampal sclerosis in temporal lobe epilepsy*

*Differentiating myoclonic jerk on reflex seizure from juvenile myoclonic epilepsy*

*Incidence and characterization of post gliotic seizures among the elderly: a cross-sectional study*

*Post stroke epilepsy in relation with solar activity*

*Acute symptomatic seizure due to non-ketotic hyperglycaemia: a case report*

*A homozygotic mutation with severe benign adult familial myoclonus epilepsy (BAFME)*
 Scientific Programme

Symptomatic epilepsy and pure motor monoparesis due to reactivation of neurocysticercosis
Clinical and electroencephalography features in clinically suspected vertiginous epilepsy in Cipto Mangunkusumo Hospital
Anti-GABA B receptor encephalitis with adenocarcinoma colon: a rare association of autoimmune encephalitis - a case report
Essential oil induced (EOIS) and provoked seizures (EOPS) - a multicentric prospective observational study from south India
A rare case of anti-GABA B receptor encephalitis associated with prostate cancer - case report
Benign mesial temporal sclerosis, clinical characteristics and association
Stroke outcome and post stroke epilepsy in India - an observational study
Sleep profile in drug resistant temporal lobe epilepsy (TLE) due to hippocampal sclerosis (HS): a sleep questionnaire based follow-up study after anterior temporal lobectomy with amygdalo-hippocampectomy
Characteristics of patients with epilepsy who perceived stress as a seizure precipitant
Only a minority of mesial temporal sclerosis had surgery - the clinical and sociocultural factors
Primary of empty sella syndrome presenting status epilepticus - a case report
Epilepsy in neurocysticercosis
The application of electroencephalogram on the disease assessment of the patients with anti-NMDA receptor encephalitis

Poster Session
12:30 - 13:30 Negara Room

AED ISSUES

Need of immediate drug reduction after epilepsy surgery
Depression in patients with epilepsy: a cross-sectional study in North Indian population
Perampanel as monotherapy for focal seizures: real world experienced
Minimal observation duration necessary to determine "treatment failure" in epileptics
Effect of sodium valproate therapy on body mass index, serum leptin, adiponectin and insulin levels in patients with epilepsy: a cross-sectional study in Indian population
Long term efficacy and safety of Rufinamide in children aged 1-4 years with Lennox-Gastaut syndrome
Effect of zonisamide as a monotherapy on bone mineral density and bone metabolism in epilepsy patients
The effect of sodium valproate in improving developmental delay in seizure free children with abnormal electroencephalograph
Is anti-epileptic-medication (AED) prescription a confusing note?
Secondary amenorrhea as uncommon adverse effect of levetiracetam
Epileptic patients received monotherapy have better quality of life than epileptic patients received polytherapy
Characteristics of phenytoin-induced peripheral neuropathy patients at Neurology Polyclinic in Mohammad Hoesin Hospital Palembang Indonesia
Prevalence of adverse events of antiepileptic drugs and related factors in patients with epilepsy at Cipto Mangunkusumo General Hospital using the Indonesian version of Liverpool Adverse Events Profile
Title effects of cerebrospinal fluid AMPA receptor levels on the clinical efficacy of lamotrigine in the treatment of epilepsy
Response to placebo in randomized clinical trials of antiepileptic drugs
Comparison of cognitive function between epilepsy patients using phenytoin, carbamazepine, valproate and polytherapy of AED
Visual evoked potential and Ishihara test in use of oral antiepilepsy in RSUP Prof. Dr. R.D Kandou
Efficacy and tolerability of moderate dose of Oxcarbazepine as adjunctive therapy in partial temporal lobe epilepsy
Regulation of new antiepileptic drugs on brain function network in children with benign epilepsy with central temporal spikes
Clinical relevance of therapeutic drug monitoring of perampanel
Efficacy of perampanel on primary generalized epilepsy
Effect of AEDs on serum lipid level in adult patients with epilepsy

NEUROPSYCHOLOGY
Evaluation of mood states/anxiety/depression in surgical patients with drug-resistant epilepsy
Relationship between epileptic seizures with headaches, depression and anxiety in Haji Adam Malik General Hospital Medan, North Sumatera
Cognition and emotion in children with epilepsy
Prevalence and predictors of verbal learning and memory dysfunction in patients with epilepsy - a cross-sectional study in a tertiary centre
Mindfulness-based interventions for epilepsy: does paying attention really work?
A comparative study of tandospirone and Wuling capsules in treating epileptic patients with anxiety
Psychogenic non-epileptic seizure: a case report
Executive dysfunction in frontotemporal epilepsy due to traumatic brain injury
Scientific Programme

Enhanced beta rhythm synchronization of amygdala-hippocampal circuit during fear memory retrieval in humans

Manifestations of neurocognitive disorders in temporal lobe epilepsy

Neural processes of auditory perception on Heschl’s gyrus for upcoming acoustic stimuli in human

Poster Session
12:30 - 13:30
Negara Room

BASIC SCIENCE

Evaluation of the neurogenesis and neurodegeneration process after long term treatment with a new potent anticonvulsant hybrid compound derived from 2-(2,5-dioxopyrrolidin-1-yl) propanamide in mice

The novel effect of immunomodulator-glatiramer acetate on epileptogenesis and epileptic seizures

Study of the neuroprotective effect of ketone body on KA induced neuron injury

Downregulation of peripheral PTGS2 by valproic acid: a potential biomarker for determining drug efficacy in patients with epilepsy

Whole brain c-Fos mapping in multiple chemical drug-induced epilepsy rat models

Ketone bodies inhibits the opening of acid-sensing ion channels in hippocampal neurons of rats

The role of Pregnane X receptor in the development of drug-resistant epilepsy

Abnormal retinal thickness in epilepsy patients with hippocampal sclerosis

The residual expression of truncated NaV1.1 mutants is correlated with the phenotype severity: a potential new pathogenic mechanism

Effects of an acetylcholinesterase inhibitor, donepezil, on seizure-induced hippocampal neuronal death

Poster Session
12:30 - 13:30
Negara Room

CLINICAL NEUROPHYSIOLOGY

Infra slow oscillations in atypical and typical absences

Efficacy of oxcarbazepine in SCN2A-related neonatal-onset epileptic encephalopathy

Computational model-based paradigm for detection of epileptogenic systems

Somatosensory evoked potential: is it different between genders?

Comparison between spontaneous and evoked high frequency oscillations in localizing epileptogenic zone
Scientific Programme

Poster Session
12:30 - 13:30
Negara Room

EEG

The correlation of seizure semiology and location of epileptogenic discharge appeared on long term - monitoring electroencephalography in epilepsy patient at Kariadi General Hospital, Semarang, Indonesia

Patterns of abnormalities and yield of electroencephalogram (EEG) in young adults in a tertiary medical center

Focal abnormalities are the main abnormal EEG features of symptomatic epilepsy (brain tumor) in neurology clinic Sanglah General Hospital Denpasar 2016

The relationship between electroencephalography examination with cognitive function examination in epilepsy patients who went to neuro poly in Dr. Kariadi Hospital, Semarang, Central of Java, Indonesia in 2017

Electroencephalographic characteristics in adult patients with MELAS

Fp-O spikes phenomena

Pattern of EEG change in infants with West syndrome: a retrospective study

Real time prediction and detection of seizures from EEG recordings

Multifocal epileptic discharges as uncommon electroencephalography features in prolonged nonconvulsive status epilepticus in temporal epileptic encephalopathy

Temporal change of electroencephalogram in benign adult familial myoclonus epilepsy (BAFME)

The correlation of sleep or awake, photic and hyperventilation with epileptogenic discharge showed in EEG examination of seizure patients

Electroencephalography findings in tuberculous meningitis with acute symptomatic seizures

SEEG in the evaluation of challenging medically refractory epilepsy cases in India

Understanding electroencephalogram findings of epileptic patients in a tertiary care hospital in Indonesia: a preliminary study

The diagnostic yield of video-electroencephalography monitoring in a comprehensive epilepsy center

Altered resting-state functional connectivity in patients with idiopathic generalized epilepsy: a graph theoretical electroencephalography analysis

Staging slow wave sleep without high voltage rule of EEG in elderly patients

Association between EEG patterns and short-term clinical outcome in metabolic encephalopathy

Video EEG of seizures in children with Angelman syndrome

Normal routine EEG results are a common feature found in anti-NMDAR encephalitis patients with psychiatric symptoms

AC amplifier with long time constant or DC amplifier for ictal DC shift recording, is it a matter?: A simulation study

Scalp-EEG could record both ictal DC shift and HFO even with time constant 2 sec: a case report
Scientific Programme

Rational cortical mapping algorithm for epilepsy surgery: non-stimuli, multi-intrinsic brain activities without cortical stimulation

Rapid diagnostic value of early electroencephalography in stroke mimics: a case series

Usefulness of long term Video EEG monitoring in epilepsy patient at epilepsy monitoring unit (EMU)

Efficacy of short term video electroencephalography (SVEEG) in detecting psychogenic non-epileptic seizures

Variation in spectrum of EEG relating to epilepsy in and around Kanchipuram

EEG profile of children with febrile seizure in Saiful Anwar General Hospital, Malang, Indonesia

Overview of clinical manifestation and brain imaging in patients who conducted long term EEG examination at the Kariadi Hospital in 2017

Electroencephalography (EEG) findings in children with epileptic cerebral palsy at DR. Moewardi Hospital Surakarta: a retrospective study

Utility of routine in-patient Electroencephalography - experience for a tertiary care center of Pakistan

The correlations of the age of onset, MRI and seizure focal point of EEG LTM in epileptic patients

Poster Session
12:30 - 13:30
Negara Room

EPIDEMIOLOGY

Factors that influence of post stroke epilepsy in Hasan Sadikin Hospital Bandung, January 2014 - December 2016

Acute symptomatic seizures - incidence, etiological spectrum and prognosis: a prospective hospital-based study from Central Java, Indonesia

Is there a delay in seeking medical care after the first seizure in “resource limited settings”: a perspective from Sri Lanka

Seizure-like activities in patients with head-up tilt test induced syncope

Quality of life in epileptic patients - a comparative study

A prospective study of early seizure in stroke patients in a tertiary care center

Prevalence and incidence of epilepsy patients in some hospitals in the city of Medan

Profile of epileptic patients in a hospital cohort in Lubumbashi, Democratic Republic of Congo

Characteristic of epilepsy patients at Anutapura and Undata General Hospital Palu City, Central Sulawesi, Indonesia

Presence of iron deficiency anemia in children 6 months to 5 years old with febrile seizure: a cross-sectional study

Sleep quality and sleep disorder profile of epilepsy patients in neurology polyclinic Sanglah General Hospital Denpasar, Bali
Scientific Programme

Quality of life of epileptic patients - a population based study

Characteristic of sleeping disorders in patients with epilepsy in RSUP Prof. Dr. R. D Kandou Manado

Poster Session
12:30 - 13:30
Negara Room

GENETICS

GABRA1 and GABRG2 gene mutations in epilepsy patients in Tamil Nadu population

Gene mutation analysis in Thai children with Dravet syndrome phenotype at Siriraj hospital

Two cases of 1q44 deletion syndrome with epileptic encephalopathy

Association of MDR1 gene polymorphism with refractory epilepsy in children

Evaluating the pathogenic potential of genes with de novo mutations in epileptic encephalopathies

De novo homozygous mutation of the SCN1A gene in a patient with Dravet syndrome complicated by acute encephalopathy

CLN6 mutation in a child with progressive myoclonic epilepsy

Efficient strategy for the molecular diagnosis of intractable early-onset epilepsy using targeted gene sequencing

Novel hotspot HCFC1 mutations in idiopathic focal epilepsy and genic sub-regional implications

Screening LGI1 and RELN mutations in a cohort of 25 lateral temporal lobe epilepsy patients with auditory aura from China

Comorbidity of Myhre syndrome and Moyamoya disease: a case report

Novel mutations and phenotypes of DEPDC5 gene and correlations between genotype and phenotype

Quantitative functional analysis of splicing mutations in SCN1A cause epilepsies with febrile seizures: mechanisms and correlations with clinical severity

Familial idiopathic generalized epilepsies: diagnosis challenge in limited resources setting

Molecular genetic characterization of patients with focal epilepsy using a customized targeted resequencing gene panel

Dermatoglyphic indexes in children with febrile seizure

Potential role of CHD2 in juvenile myoclonic epilepsy

Phenotypic heterogeneity of CHD2 mutations in patients with epilepsy and paroxysmal dyskinesia

Genetic causes of epileptic encephalopathies identified by targeted sequencing and evaluation of the pathogenicity of mutations
Scientific Programme

Poster Session
12:30 - 13:30
Negara Room

NEUROBIOLOGY

Association of GABAA receptor gene polymorphisms with juvenile myoclonic epilepsy (JME) and Lennox-Gastaut syndrome (LGS)

Long-term effects of NADPH-oxidase inhibitor treatment on seizure-induced hippocampal neurogenesis

Sphingolipid -endothelin pathway modulates P-glycoprotein activity in phenobarbital resistant model of PTZ kindling induced epilepsy in rats

Poster Session
12:30 - 13:30
Negara Room

NEUROIMAGING

Ulegyria cases accompanied with EEG monitoring in epilepsy etiology

Utility of FDG PET-CT in the work-up of refractory childhood epilepsy: a case series & pictorial essay
Speaker: Derrick CHAN WEI SHIH (Singapore)

Alteration of betweenness value in brain network and function connectivity among patients with refractory epilepsy

Ictal SPECT on speech arrest as motor seizure in non-ketotic hyperglycemic patient

The perplexity of Rasmussen’s encephalitis: case series

Analyzing language association network utilizing functional MRI and diffusion MRI in Japanese-English bilinguals

Alterations of brain network efficiency in patients with refractory epilepsy

Altered attention networks in refractory epilepsy: a resting-state functional and causal connectivity study

Evaluation of multimodal brain imaging data fusion method in discrimination of hot water epilepsy subjects using fusion of sMRI, DTI and resting State fMRI data with N-way MCCA + jICA model

Morphometric abnormality in mesial temporal sclerosis

Cortical thickness abnormalities in epilepsy patients with postictal generalized electroencephalographic suppression

Comparison between simultaneously acquired 18F-FDG PET and arterial spin labeling in localizing mesial temporal lobe epilepsy with a PET/MR system

Regulation of oxcarbazepine on brain function network in children with Benign epilepsy of childhood with centrotemporal spikes (BECTS)

Effects of carbamazepine and lamotrigine on fMRI cognitive networks
Seizure management for adult patients presenting to the emergency department at tertiary hospital in Oman

Spontaneous resolution of seizures in early infantile epileptic encephalopathy post-measles infection

Metabolic disturbances in the first seizure with fever: study of children in Thai hospital

Socio-demographic and clinical profiles of pediatric Japanese encephalitis cases in a tertiary hospital: a cross-sectional study

Antiepileptic drugs and quality of life in patients with epilepsy: a tertiary care hospital-based study

Right-to-left shunts and interictal epileptiform discharges: a case-control study

A rare case of hypercalcemic encephalopathy from ectopic secretion of parathyroid hormone

Factors affecting the occurrence of early-onset seizure of hospitalized stroke patients In Mohammad Hoesin General Hospital Palembang

Clinico-demographic, Investigation and outcome profiles of subacute sclerosing panencephalitis (SSPE) patients in a referral Neurology Hospital in Bangladesh

Anti-N-methyl-D-aspartate receptor (NMDAR) antibody encephalitis coexists with autoimmune thyroiditis

Telephone-induced seizure and epilepsy in Teaching Hospital Manado: a pilot study

Implementing epilepsy transition clinic to improve transfer of care from paediatric to adult services

Spontaneous and reflex movements in brain death patients

The effect of applying self- and family-oriented written education on the management of medicamentose, clinical exposure and quality of life of patient with epilepsy

Anti-LGI1 encephalitis: treatment and long-term follow-up

Description of fatigue and sleep disorders in epilepsy patients at Central General Hospital Haji Adam Malik Medan

Changing type of seizure in patient with delayed cerebral ischemia: a case report

The correlation between sleep quality with the frequency of seizures in epilepsy patients at Dr. Kariadi Central General Hospital Semarang

A prospective study of a ketogenic diet in 20 patients with Dravet syndrome

Refractory epilepsy secondary to Anti-Ma-2-encephalitis: report of case series from a tertiary neurology centre in Malaysia

The role of extracellular potassium in focal seizures - insight from computational model

Delayed diagnosis of tuberculous meningitis in a young immunocompetent Filipino female with concomitant herpes simplex virus encephalitis and right frontal bacterial abscess: a case report
Scientific Programme

Onset of epilepsy and its impact on quality of life: a cross-sectional study in Bethesda Hospital Yogyakarta

Preoperative localization of refractory cingulate epilepsy: 4 cases report

Poster Session
12:30 - 13:30 Negara Room

PAEDIATRIC EPILEPTOLOGY

Response and adverse effects of ACTH therapy in West syndrome: in a tertiary care centre of Bangladesh

Response to oral prednisolone in infantile spasms: Myanmar experience

Efficacy and safety of the ketogenic diet for the treatment of epileptic encephalopathy

Efficacy of methylprednisolone in continuous spike and waves during slow-wave sleep evaluated by scalp-recorded high-frequency oscillations

Neurological complication of children with respiratory syncytial virus infection who manifested as seizures

A retrospective study to compare the effectiveness, tolerability and side effect profile of different medical treatment modality intravenous immunoglobulin, pulse intravenous methylprednisolone, oral prednisolone and ketogenic diet/ modified Atkin in a case of Landau Kleffner syndrome / acquired epileptic aphasia in Tuen Mun Hospital a tertiary referral center in HKSAR

A retrospective study of the seizure outcome and side effect profile of paediatric refractory epilepsy patient after ketogenic diet/ modified Atkin siet in Tuen Mun Hospital, a tertiary referral center in HKSAR

Clinical features of epilepsy in patients with Rett syndrome

Permapanel real world experience in pediatrics epileptic syndromes at Chulalongkorn University, Bangkok, Thailand

Etiology, clinical course and outcome of infant epilepsy: experience of a tertiary center in Thailand

Myoclonic absance epilepsy, is it idiopathic, symptomatic or cryptogenic?

Tele-health for health disparities: a clinical and educational model for epilepsy

Few individuals with Lennox-Gastaut syndrome have autism spectrum disorder: a comparison with Dravet syndrome

Epileptogenic network of generalized paroxysmal fast activities in Lennox-Gastaut syndrome

15q11q13 duplication syndrome in a boy with refractory epileptic spasm and global developmental delay

Epileptic encephalopathy associated with mutations in voltage-gated sodium channels

Outcome of treatment protocol for infantile spasms using vigabatrin and high-dose prednisolone

Partial epilepsy in an infant with focal cortical dysplasia
Scientific Programme

Moyamoya disease presented with intermittent insanity and white matter lesion in a 3-year-old girl - a case report

The corelation between ADHD and brain MRI findings in children with epilepsy

Misdiagnoses in juvenile myoclonic epilepsy

Efficacy of the ketogenic diet in Chinese children with Dravet syndrome

Behavioral problems and psychosocial functioning in adolescents with epilepsy

Health-related quality of life in adolescents with epilepsy at Siriraj hospital

Early clinical features influencing the neurodevelopmental outcome and antiepileptic drugs efficacy in 106 Chinese patients with Dravet syndrome

Comparative study of efficacy of ACTH and prednisolone in the treatment of West syndrome: a retrospective study in Bangladesh

Epilepsy with eyelid myoclonias: the Arab Gulf experience

Early response to monotherapy antiepileptic drugs in patients with newly diagnosed epilepsy

Children born very preterm with necrotizing enterocolitis increase risks to epilepsy

The factors of epilepsy to memory impairment in childhood epilepsy patients

Epilepsy in early - onset multiple sclerosis: a case report

Drug-resistant epilepsy and hypocalcemia: a case report

Anti-epileptic treatment in anti-NMDA receptor encephalitis: a case series of varying seizure severity and outcomes

Incidence of neonatal seizures in babies born in a low income country

SCN2A mutation with initial Migrating Partial Epilepsy of infancy after developing West syndrome

AARS gene mutation in a child with subcortical myoclonus, epileptic encephalopathy and global developmental delay

CHD2 mutation in epilepsy with myoclonic-atactic seizures

Thyroid dysfunction in children with epilepsy taking anticonvulsant

Poster Session
12:30 - 13:30
Negara Room

PRE CLINICAL YEAR RESEARCH

Optimal duration of long-term video-EEG monitoring (VEEG) in patients with epilepsy

Effect of Withania Somniferra on seizure susceptibility in twin rodent model of autism spectrum disorder (ASD)
Scientific Programme

Poster Session
12:30 - 13:30

**PROGNOSIS**

Seizure as a bad predictor in subarachnoid hemorrhage (SAH) patient with recurrent bleeding: the urgency of early prophylactic seizure management. A case report study

Predictors for poor prognosis in patients with juvenile myoclonic epilepsy: a systematic review and meta-analysis

Seizure outcome of cerebral cavernoma after surgical management

Prognostic factors of status epilepticus: comparing first presentation of epilepsy with the others

Impact of the drug application timing on postoperative seizure freedom in patients with AEDs-resistant epilepsy in China

Incidence, predictors and outcomes of seizures among Filipino children with brain tumors

Juvenile myoclonic epilepsy: impact of clinico-electroencephalographic characteristics on early outcome and number of anti-epileptic drugs required - an ambispective cohort study

**PSYCHIATRY**

Depression in people with epilepsy: how much do Asian colleagues acknowledge it?

(18F)florbetapir PET detected amyloid β deposition in a late onset temporal lobe epilepsy patient with a history of ECT for psychiatric symptoms (case report)

Psychosis in the setting of epilepsy

Psychological distress among patients with epilepsy: evidence from India

Acute symptomatic seizure secondary to psychogenic polydipsia in a patient with bipolar disorder

**SEIZURE SEMIOLOGY**

Pilomotor seizures: report of 5 cases

Seizure arising from ventral motor cortex and DEPDC5 mutation

The correlation between aura type and epilepsy temporal lobe patient at Dr. Kariadi Central General Hospital Semarang

Epilepsy with myoclonic absences EMA: A case series from a tertiary care hospital in South India

Semiology of hyperkinetic seizures of temporal versus frontal lobe origin
Scientific Programme

Poster Session
12:30 - 13:30

SOCIAL ISSUES

Estimating the risk of fatal traffic accidents posed by drivers with epilepsy in Japan: a comparison with traffic accidents caused by the sudden death of occupational drivers

The impact of drug-resistant epilepsy on family dynamics

Epilepsy-related concerns among epilepsy patients in West China

Action against treatment gap in Mongolia

Anxiety, depression, life quality, psychosocial and economic problems faced by caregivers of patients with epilepsy in rural western India

Balinese traditional beliefs and epilepsy

Difference of knowledge and attitude toward epilepsy between medical workers and non-medical workers in Dr. Soetomo General Hospital, Surabaya

Knowledge, attitude and perception toward epilepsy among high school I student in Padang Panjang, Indonesia

A survey of nursery schooling and parental employment of children with infantile-onset intractable epilepsy in Japan

Development of the University of Washington Caregiver Stress Scale for caregivers of children with epilepsy

Psychosocial impacts of long standing epilepsy in adults

FLNA associated periventricular nodular heterotopia and epilepsy in Chinese patients

Safety and effectiveness of a novel epilepsy management system delivered by epilepsy field workers

Succeeding professionally despite uncontrolled seizures today - takes psychological strength

Competing traditional and medical treatment in Africa and implications for the Asia-Pacific and other regions of the world

Epilepsy-related knowledge among Public Health Midwives (PHMs): a study from a semi-urban province of Sri Lanka

Knowledge, attitudes and perception among primary school teachers in Padang Indonesia

Epilepsy treatment gap: a community-based survey in Delhi-NCR, India

Epilepsy in people with mental retardation

Quality of life patient with epilepsy, using QOLIE-31 inventory in North Sulawesi, Manado

Depression scale in caregiver patient with epilepsy in Prof. R. D Kandou Hospital, North Sulawesi, Manado

Multiplex and multilayered epilepsy care network in Japan: a pilot study

Revisiting the public awareness, attitudes and understanding towards epilepsy amongst Singaporeans

Knowledge, outlook and behaviour of medical professionals toward epilepsy in two hospitals within North Celebes
Knowledge, attitude and perception about epilepsy between rural and urban society in West Sumatra

**STATUS EPILEPTICUS**

The interpretation of arterial blood gases, electrolites, peripheral white blood cells (WBC), and random blood sugar in patients with status epilepticus, Sanglah General Hospital, Denpasar-Bali

Long-term predictive factor for poor outcome in refractory status epilepticus

Case report - a case of a 66-year old male with neurologic Behcet syndrome presenting as status epilepticus

Electrographic features of patients with metabolic encephalopathy with nonconvulsive status epilepticus: a potential predictor of mortality?

The outcome of critical patients with metabolic encephalopathy with nonconvulsive status epilepticus

Effectiveness of using midazolam as treatment for adult patients with refractory status epilepticus: an integrative review

Clinical characteristics and outcomes in patients with non-convulsive status epilepticus: a study in South India

Efficacy of tocilizumab in new-onset refractory status epilepticus

Prognostic factors of patients with remote symptomatic or idiopathic status epilepticus

Status epilepticus as an unusual manifestation of heat stroke: a case report

Refractory status epilepticus during pregnancy resolved by cesarean section

Aetiology and treatment of children admitted with convulsive status epilepticus in a tertiary paediatric intensive care unit in Singapore: a retrospective 2-year review

Ketogenic diet treatment for super-refractory status epilepticus in the febrile infection-related epilepsy syndrome

Integrated management for super-refractory nonconvulsive status epilepticus in malignant astrocytoma

Prehospital treatment with rectal diazepam and the success following second-line treatment to abort convulsive status epilepticus in a tertiary paediatric intensive care unit in Singapore

**TRANSLATIONAL RESEARCH**

Human neuroprogenitor cells improve hypoxic-ischemic brain injury in neonatal rats
Scientific Programme

Mass cytometry assisted phenotyping identified structural rewiring of immune system in refractory epilepsy
Integrated electrical and photic stimulations for suppressing epileptiform discharge in optogenetic mice
Tempo-spatial modulated effects of 1Hz low frequency stimulation on epileptogenic zone in human

Poster Session
12:30 - 13:30
Negara Room

WOMEN AND PREGNANCY

Clinical profile of obstetric patients presenting with seizure admitted in a tertiary hospital in Quezon City from January 2015 to December 2016
Anti-N-methyl-D-aspartate (NMDA) receptor encephalitis in a pregnant adolescent: a case report and literature review
Cesarean delivery of pregnant Chinese women with epilepsy: rate and indications
Seizure control and pregnancy outcomes with Levetiracetam monotherapy: a single centre experience from India
Female epilepsy from a position of reproductive medicine
A study of the effects of epileptic seizures and antiepileptic drugs on the fetus health during pregnancy

Poster Session
12:30 - 13:30
Negara Room

SURGERY

Epilepsy surgery in Indonesia: results and development after more than 15 years
Brain tumor cases most often related to chronic partial epilepsy
Reasons behind the needs for invasive pre-surgical evaluations in refractory epilepsy cases, based on more than 511 epilepsy surgery cases in one center
A retrospective study of long term seizure outcome and change of anticonvulsant after paediatric epilepsy surgery in Tuen Mun Hospital, a tertiary referral center in HKSAR
A retrospective study of seizure outcome and side effect profile of Vagal Nerve Stimulator Implantation in Tuen Mun Hospital a teitary referral center in HKSAR
A case report to show how to use seizure semiology, functional imaging, intracranial EEG, intra-operative ECoG to localise seizure focus and achive good post-operative seizure outcome in a MRI negative/ non-lesional focal motor refractory epilepsy which pathology turn out to be bottom of sulcus dysplasia FCD Ila
Surgical treatment of patients with pharmaco-resistant epilepsy with hyperkinetic seizures, analysis of a paediatric cohort
Minimally invasive surgical approach in the management of Aicardi syndrome - a case report
Scientific Programme

Epilepsy surgery at Bunda Hospital, Jakarta
Visual field defects after epilepsy surgery for temporal lobe epilepsy
Quality of life of patients and their families following epilepsy surgery
Simple yet reliable pre-surgical evaluation for TLE in countries with limited resources, based on experience on 450 operated TLEs
A patient with refractory epilepsy who had occipito-cervical fusion surgery for os odontoidae
The concept of landmark presurgical assessment in a neurosurgical epileptology
Post operative outcome of epilepsy in Dr. Kariadi Central General Hospital Semarang
Seizure outcome in non-lesional frontal lobe epilepsy surgery
A descriptive study of cerebral cavernoma malformation related epilepsy cases and its surgical management using neuronavigation in National Brain Center Hospital, Jakarta
Hypothalamic hamartoma with refractory seizures treated with Gamma Knife surgery: report from Tangerang, Indonesia
Localization of epileptogenic foci and minimally invasive surgical treatment for MR-negative intractable epilepsy
The correlation between of epileptic focus and cognitive impairment in epileptic patient: pre-surgical
Surgical outcomes of stereotactic radiofrequency thermocoagulation in patients with hypothalamic hamartoma
Gamma knife radiosurgery in hypothalamic hamartoma: a case report
Starting comprehensive epilepsy surgery in Surabaya, Indonesia
Staged surgical therapy for Sturge-Weber syndrome with contralateral epileptic discharges
Stereoelectroencephalography (SEEG) in children with refractory focal epilepsy: case series

Satellite Symposium
13:30 - 15:00
Griya Agung Ballroom

EVOLVING LANDSCAPE IN MANAGEMENT OF EPILEPSY: EXPERTS PERSPECTIVE

Chairs:
Co-chair: Byung-In LEE (Korea, Republic of)
Co-chair: Akio IKEDA (Japan)

Decision points: integrating new AEDs for early use in epilepsy
Speaker: Tony WU (Taiwan, Republic of China)

Spotlight on AMPA receptors: deep diving into neuronal microcircuits by means of evolving technology
Speaker: Takuya TAKAHASHI (Japan)
Scientific Programme

Debate
15:00 - 16:00
Griya Agung Ballroom

DEBATE: AEDS SHOULD USUALLY BE WITHDRAWN AFTER TWO YEARS OF SEIZURE FREEDOM

Chairs:
Chair: John DUNNE (Australia)

Introduction

For
Speaker: Hirokazu OGUNI (Japan)

Against
Speaker: H.V. SRINIVAS (India)

CAOA Task Force Session
15:00 - 16:00
Denpasar Room

CAOA'S RESEARCH TASK FORCE SESSION

Chairs:
Co-chair: Akio IKEDA (Japan)
Co-chair: Chong Tin TAN (Malaysia)

Introduction

HLA in CBZ among ethnic Indians in Malaysia, Indonesia and Myanmar (study supported by CAOA)
Speaker: Herlyani KHOSAMA (Indonesia)

CAOA’s ongoing project on perampanel on cortical myoclonus
Speaker: Akio IKEDA (Japan)

Expressive writing as a non-pharmacological therapy for depression in patient with epilepsy
Speaker: Resti Siti SALEHA (Indonesia)

Automatic detection of high frequency oscillations to determine the high frequency oscillations distribution threshold for delineating epileptogenic zone
Speaker: Xiaofeng YANG (China)

Platform Session
15:00 - 16:00
Tabanan Room

EPIDEMIOLOGY AND BIG-DATA ANALYSIS

Chairs:
Chair: Dede GUNAWAN (Indonesia)

A retrospective analysis of the clinical features of inpatients with epilepsy in the Ganzi Tibetan Autonomous Prefecture
Speaker: Jiani CHEN (China)
Scientific Programme

**Incidence of new onset seizure disorders in India: A three years follow-up study**
Speaker: Deepak GOEL (India)

**Risks of injuries and accidents in people with epilepsy**
Speaker: Ya-Hui CHANG (Taiwan, Republic of China)

**In-hospital mortality of status epilepticus in China: A nationwide assessment**
Speaker: Lu LU (China)

**Epidemiology of epilepsy patients and comparison with non-epilepsy patients: Using a large claims database in Japan**
Speaker: Naoki AKAMATSU (Japan)

---

**Platform Session**

**NEUROIMAGING**

**Chairs:**
Chair: Graeme JACKSON (Australia)

**Different patterns of white matter changes after successful surgery of mesial temporal lobe epilepsy**
Speaker: Wei LI (China)

**A study of regional homogeneity (ReHo) based on resting state functional magnetic resonance to childhood with centrotemporal spikes (BECTS)**
Speaker: Li SONG (China)

**The epileptic network of Lennox-Gastaut syndrome: cortically driven and reproducible across age and aetiology**
Speaker: Aaron WARREN (Australia)

**Evaluation of structural neuroimaging biomarkers for multi-modality discriminative analysis of epilepsy subjects from healthy using machine learning framework**
Speaker: K RAGHAVENDRA (India)

**Volumetric hippocampal subfield analysis of surgically treated temporal lobe epilepsy patients**
Speaker: Hae Won ROH (Korea, Republic of)

---

**Video Session**

**CASES OF DIAGNOSTIC CHALLENGES**

**Chairs:**
Co-chair: Ernie SOMERVILLE (Australia)
Co-chair: Zarine MOGAL (Pakistan)

**Introduction**

**Video Presentation 1**
Speaker: Ernie SOMERVILLE (Australia)
Scientific Programme

Video Presentation 2
Speaker: Zarine MOGAL (Pakistan)

Video Presentation 3
 Speaker: Christian ZENTNER (Australia)

CAOA Task Force Session
16:30 - 17:30
Denpasar Room

CAOA'S PAEDIATRIC TASK FORCE SESSION: EPILEPSIES CAUSED BY METABOLIC DISORDER

Chairs:
Co-chair: Heung Dong KIM (Korea, Republic of)
Co-chair: Simon HARVEY (Australia)

Introduction
Inborn errors of metabolism in childhood from infantile spasms and beyond
Speaker: Yuwu JIANG (China)

Glucose transporter-1 deficiency syndrome and related disorders
Speaker: Ingrid SCHEFFER (Australia)

Treatable metabolic epilepsy cases you do not want to miss
Speaker: Se Hee KIM (Korea, Republic of)

Platform Session
16:30 - 17:30
Tabanan Room

AED ISSUES

Chairs:
Chair: Herlyani KHOSAMA (Indonesia)

Clinico-electrophysiological impacts of small dosage of perampanel on patients with refractory cortical myoclonus: a case series study
Speaker: Shuichiro NESHIGE (Japan)

An interdigitated electrode biosensor platform for rapid HLA-B*15:02 genotyping for prevention of carbamazepine hypersensitivity
Speaker: Gita Vita SORAYA (Australia)

Polymorphism and expression of multidrug resistant-1 C3435T in Indonesian temporal lobe resistant epilepsy
Speaker: Astri BUDIKAYANTI (Indonesia)

Prescribing trends of antiepileptic drugs in a tertiary paediatric hospital in Singapore, 2006 - 2015
Speaker: Syarifah Aqilah ABDULLAH (Singapore)
Scientific Programme

Platform Session
16:30 - 17:30
Singaraja Room

CLINICAL NEUROPHYSIOLOGY AND EEG

Chairs:
Chair: Suryani GUNADHARMA (Indonesia)

- **The utility of high-density electroencephalography in connected networks of epileptogenic and irritative zones**
  Speaker: Howan LEUNG (Hong Kong)

- **2 types of ictal direct current (DC) shifts were endorsed by time constant 2 seconds in epilepsy surgery**
  Speaker: Shunsuke KAJIKAWA (Japan)

- **Short “infraslow” activity (SISA) with burst suppression in acute anoxic encephalopathy: a rare, specific ominous sign with acute post-hypoxic myoclonus or acute symptomatic seizure**
  Speaker: Masaya TOGO (Japan)

- **Occurrence of nonconvulsive seizures, periodic epileptiform discharges, and intermittent rhythmic delta activity in rat focal ischemia**
  Speaker: Huajun YANG (China)

- **Intracranial ictal DC shifts and ictal HFOs as surrogate markers in epileptic surgery: multi-institutional study in Japan**
  Speaker: Morito INOUCHI (Japan)
Scientific Programme

Saturday, 30 June 2018

ASEPA Didactic Lecture
07:30 - 08:15
Denpasar Room

WOMEN WITH EPILEPSY (PREGNANCY, CONTRACEPTION, BREASTFEEDING)

Chairs:
Chair: Somchit VORACHIT (Lao People's Democratic Republic)

Introduction
Women with epilepsy (pregnancy, contraception, breastfeeding)
Speaker: Zarine MOGAL (Pakistan)

ASEPA Didactic Lecture
08:15 - 09:00
Denpasar Room

KEEPING PATIENTS WITH EPILEPSY SAFE: AT HOME, SCHOOL AND THE WORKPLACE

Chairs:
Chair: Pawan Kumar SULTANIA (Nepal)

Introduction
Keeping patients with epilepsy safe: at home, at school and in the workplace
Speaker: Ernie SOMERVILLE (Australia)

Main Session
09:00 - 10:30
Griya Agung Ballroom

INFECTIONS OF THE NERVOUS SYSTEM AND EPILEPSY

Chairs:
Co-chair: John DUNNE (Australia)
Co-chair: Chong Tin TAN (Malaysia)

Introduction
Tuberculous, meningitis and seizures: pathogenesis and management
Speaker: U.K. MISRA (India)

Neurocysticercosis and seizures; evidence based management guidelines
Speaker: Supoch TUNLAYADECHANONT (Thailand)

HIV infection and seizures
Speaker: P. SATISHCHANDRA (India)

Emerging CNS infection and seizures
Speaker: Chong Tin TAN (Malaysia)
Autoimmunity and Seizures

Chairs:
Co-chair: Sang Kun LEE (Korea, Republic of)
Co-chair: Aida FITHRIE (Indonesia)

Introduction

Autoimmune encephalitis: an expanding frontier
Speaker: Soon-Tae LEE (Korea, Republic of)

Update on NMDAR & LGI1 encephalitis
Speaker: Suhailah ABDULLAH (Malaysia)

Diagnostic challenges of autoimmune encephalitis: when Ab is negative in patients with positive clinical features and vice versa
Speaker: Gagandeep SINGH (India)

Immunotherapy and seizure outcome in autoimmune encephalitis
Speaker: Amy QUEK (Singapore)

Biomarkers of Epilepsy: What Approaches Do We Have?

Chairs:
Co-chair: Akio IKEDA (Japan)
Co-chair: Anna Marita Gelgel SINARDJA (Indonesia)

Introduction

Functional network as biomarkers for epileptogenicity
Speaker: Yuping WANG (China)

EEG biomarkers for neuron and glia
Speaker: Akio IKEDA (Japan)

Genetic biomarkers
Speaker: Anna Marita Gelgel SINARDJA (Indonesia)

Biomarker or clinical information? That is the question!
Speaker: Kurupath RADHAKRISHNAN (India)

Reflex Epilepsy

Chairs:
Co-chair: Andrew BLEASEL (Australia)
Co-chair: Wardah ISLAMIYAH (Indonesia)
**Scientific Programme**

**Introduction**

Reflex seizures and reflex epilepsy, the clinical spectrum  
Speaker: John DUNNE (Australia)

Are all reflex seizures focal? Triggers and networks  
Speaker: John ARCHER (Australia)

The challenges of photosensitivity  
Speaker: Heung Dong KIM (Korea, Republic of)

The genetic basis of reflex epilepsies  
Speaker: Sanjib SINHA (India)

**Parallel Session**

11:00 - 12:30  
Singaraja Room

**OVERCOMING EPILEPSY CARE AND EDUCATIONAL CHALLENGES WITH NEW TECHNOLOGIES**

**Chairs:**  
Co-chair: Nobukazu NAKASATO (Japan)  
Co-chair: Fitri OCTAVIANA (Indonesia)

**Introduction**

High definition TV conference system improves community health care and medical education in low population density areas  
Speaker: Josephine CHAN (Australia)

International medical education for epileptology via a high definition TV conference system  
Speaker: Wijoyo HALIM (Indonesia)

International teleconferencing between level-IV epilepsy centers  
Speaker: Hsiang-Yu YU (Taiwan, Republic of China)

Outpatient clinic and case-based education via a high definition TV conference system  
Speaker: Yosuke KAKISAKA (Japan)

**Poster Session**

12:30 - 13:30  
Negara Room

**SURGERY**

Epilepsy surgery in Indonesia: results and development after more than 15 years

Brain tumor cases most often related to chronic partial epilepsy

Reasons behind the needs for invasive pre-surgical evaluations in refractory epilepsy cases, based on more than 511 epilepsy surgery cases in one center

A retrospective study of long term seizure outcome and change of anticonvulsant after paediatric epilepsy surgery in Tuen Mun Hospital, a tertiary referral center in HKSAR
A retrospective study of seizure outcome and side effect profile of Vagal Nerve Stimulator Implantation in Tuen Mun Hospital a teitary referral center in HKSAR

A case report to show how to use seizure semiology, functional imaging, intracranial EEG, intra-operative ECoG to localise seizure focus and acheive good post-operative seizure outcome in a MRI negative/ non-lesional focal motor refractory epilepsy which pathology turn out to be bottom of sulcus dysplasia FCD IIa

Surgical treatment of patients with pharmaco-resistant epilepsy with hyperkinetic seizures, analysis of a paediatric cohort

Minimally invasive surgical approach in the management of Aicardi syndrome - a case report

Epilepsy surgery at Bunda Hospital, Jakarta

Visual field defects after epilepsy surgery for temporal lobe epilepsy

Quality of life of patients and their families following epilepsy surgery

Simple yet reliable pre-surgical evaluation for TLE in countries with limited resources, based on experience on 450 operated TLEs

A patient with refractory epilepsy who had occipito-cervical fusion surgery for os odontoidenum

The concept of landmark presurgical assessment in a neurosurgical epileptology

Post operative outcome of epilepsy in Dr. Kariadi Central General Hospital Semarang

Seizure outcome in non-lesional frontal lobe epilepsy surgery

A descriptive study of cerebral cavernoma malformation related epilepsy cases and its surgical management using neuronavigation in National Brain Center Hospital, Jakarta

Hypothalamic hamartoma with refractory seizures treated with Gamma Knife surgery: report from Tangerang, Indonesia

Localization of epileptogenic foci and minimally invasive surgical treatment for MR-negative intractable epilepsy

The correlation between of epileptic focus and cognitive impairment in epileptic patient: pre-surgical

Surgical outcomes of stereotactic radiofrequency thermocoagulation in patients with hypotalamtic hamartoma

Gamma knife radiosurgery in hypothalamic hamartoma: a case report

Starting comprehensive epilepsy surgery in Surabaya, Indonesia

Staged surgical therapy for Sturge-Weber syndrome with contralateral epileptic discharges

Stereoelectroencephalography (SEEG) in children with refractory focal epilepsy: case series

Poster Session
12:30 - 13:30
Negara Room

WOMEN AND PREGNANCY
Scientific Programme

Clinical profile of obstetric patients presenting with seizure admitted in a tertiary hospital in Quezon City from January 2015 to December 2016

Anti-N-methyl-D-aspartate (NMDA) receptor encephalitis in a pregnant adolescent: a case report and literature review

Cesarean delivery of pregnant Chinese women with epilepsy: rate and indications

Seizure control and pregnancy outcomes with Levetiracetam monotherapy: a single centre experience from India

Female epilepsy from a position of reproductive medicine

A study of the effects of epileptic seizures and antiepileptic drugs on the fetus health during pregnancy

Poster Session
12:30 - 13:30

TRANSLATIONAL RESEARCH

Human neuroprogenitor cells improve hypoxic-ischemic brain injury in neonatal rats

Mass cytometry assisted phenotyping identified structural rewiring of immune system in refractory epilepsy

Integrated electrical and photic stimulations for suppressing epileptiform discharge in optogenetic mice

Tempo-spatial modulated effects of 1Hz low frequency stimulation on epileptogenic zone in human

STATUS EPILEPTICUS

The interpretation of arterial blood gases, electrolytes, peripheral white blood cells (WBC), and random blood sugar in patients with status epilepticus, Sanglah General Hospital, Denpasar-Bali

Long-term predictive factor for poor outcome in refractory status epilepticus

Case report - a case of a 66-year old male with neurologic Behcet syndrome presenting as status epilepticus

Electrographic features of patients with metabolic encephalopathy with nonconvulsive status epilepticus: a potential predictor of mortality?

The outcome of critical patients with metabolic encephalopathy with nonconvulsive status epilepticus

Effectiveness of using midazolam as treatment for adult patients with refractory status epilepticus: an integrative review

Clinical characteristics and outcomes in patients with non-convulsive status epilepticus: a study in South India
Scientific Programme

Efficacy of tocilizumab in new-onset refractory status epilepticus
Prognostic factors of patients with remote symptomatic or idiopathic status epilepticus
Status epilepticus as an unusual manifestation of heat stroke: a case report
Refractory status epilepticus during pregnancy resolved by cesarean section
Aetiology and treatment of children admitted with convulsive status epilepticus in a tertiary paediatric intensive care unit in Singapore: a retrospective 2-year review
Ketogenic diet treatment for super-refractory status epilepticus in the febrile infection-related epilepsy syndrome
Integrated management for super-refractory nonconvulsive status epilepticus in malignant astrocytoma
Prehospital treatment with rectal diazepam and the success following second-line treatment to abort convulsive status epilepticus in a tertiary paediatric intensive care unit in Singapore

Poster Session
12:30 - 13:30

SOCIAL ISSUES

Estimating the risk of fatal traffic accidents posed by drivers with epilepsy in Japan: a comparison with traffic accidents caused by the sudden death of occupational drivers
The impact of drug-resistant epilepsy on family dynamics
Epilepsy-related concerns among epilepsy patients in West China
Action against treatment gap in Mongolia
Anxiety, depression, life quality, psychosocial and economic problems faced by caregivers of patients with epilepsy in rural western India
Balinese traditional beliefs and epilepsy
Difference of knowledge and attitude toward epilepsy between medical workers and non-medical workers in Dr. Soetomo General Hospital, Surabaya
Knowledge, attitude and perception toward epilepsy among high school I student in Padang Panjang, Indonesia
A survey of nursery schooling and parental employment of children with infantile-onset intractable epilepsy in Japan
Development of the University of Washington Caregiver Stress Scale for caregivers of children with epilepsy
Psychosocial impacts of long standing epilepsy in adults
FLNA associated periventricular nodular heterotopia and epilepsy in Chinese patients
Safety and effectiveness of a novel epilepsy management system delivered by epilepsy field workers
Succeeding professionally despite uncontrolled seizures today - takes psychological strength
Scientific Programme

Competing traditional and medical treatment in Africa and implications for the Asia-Pacific and other regions of the world

Epilepsy-related knowledge among Public Health Midwives (PHMs): a study from a semi-urban province of Sri Lanka

Knowledge, attitudes and perception among primary school teachers in Padang Indonesia

Epilepsy treatment gap: a community-based survey in Delhi-NCR, India

Epilepsy in people with mental retardation

Quality of life patient with epilepsy, using QOLIE-31 inventory in North Sulawesi, Manado

Depression scale in caregiver patient with epilepsy in Prof. R. D Kandou Hospital, North Sulawesi, Manado

Multiplex and multilayered epilepsy care network in Japan: a pilot study

Revisiting the public awareness, attitudes and understanding towards epilepsy amongst Singaporeans

Knowledge, outlook and behaviour of medical professionals toward epilepsy in two hospitals within North Celebes

Knowledge, attitude and perception about epilepsy between rural and urban society in West Sumatra

SEIZURE SEMIOLOGY

Pilomotor seizures: report of 5 cases

Seizure arising from ventral motor cortex and DEPDC5 mutation

The correlation between aura type and epilepsy temporal lobe patient at Dr. Kariadi Central General Hospital Semarang

Epilepsy with myoclonic absences EMA: A case series from a tertiary care hospital in South India

Semiology of hyperkinetic seizures of temporal versus frontal lobe origin

PSYCHIATRY

Depression in people with epilepsy: how much do Asian colleagues acknowledge it?

[18F]Florbetapir PET detected amyloid β deposition in a late onset temporal lobe epilepsy patient with a history of ECT for psychiatric symptoms (case report)

Psychosis in the setting of epilepsy

Psychological distress among patients with epilepsy: evidence from India
**Scientific Programme**

**Acute symptomatic seizure secondary to psychogenic polydipsia in a patient with bipolar disorder**

**Poster Session**
12:30 - 13:30  
Negara Room

**PROGNOSIS**

Seizure as a bad predictor in subarachnoid hemorrhage (SAH) patient with recurrent bleeding: the urgency of early prophylactic seizure management. A case report study

Predictors for poor prognosis in patients with juvenile myoclonic epilepsy: a systematic review and meta-analysis

Seizure outcome of cerebral cavernoma after surgical management

Prognostic factors of status epilepticus: comparing first presentation of epilepsy with the others

Impact of the drug application timing on postoperative seizure freedom in patients with AEDs-resistant epilepsy in China

Incidence, predictors and outcomes of seizures among Filipino children with brain tumors

Juvenile myoclonic epilepsy: impact of clinico-electroencephalographic characteristics on early outcome and number of anti-epileptic drugs required - an ambispective cohort study

**PRE CLINICAL YEAR RESEARCH**

Optimal duration of long-term video-EEG monitoring (VEEG) in patients with epilepsy

Effect of Withania Somniferra on seizure susceptibility in twin rodent model of autism spectrum disorder (ASD)

**PAEDIATRIC EPILEPTOLOGY**

Response and adverse effects of ACTH therapy in West syndrome: in a tertiary care centre of Bangladesh

Response to oral prednisolone in infantile spasms: Myanmar experience

Efficacy and safety of the ketogenic diet for the treatment of epileptic encephalopathy

Efficacy of methylprednisolone in continuous spike and waves during slow-wave sleep evaluated by scalp-recorded high-frequency oscillations

Neurological complication of children with respiratory syncytial virus infection who manifested as seizures
Scientific Programme

A retrospective study to compare the effectiveness, tolerability and side effect profile of different medical treatment modality intravenous immunoglobulin, pulse intravenous methylprednisolone, oral prednisolone and ketogenic diet/modified Atkins in a case of Landau Kleffner syndrome / acquired epileptic aphasia in Tun Mun Hospital a tertiary referral center in HKSAR

A retrospective study of the seizure outcome and side effect profile of paediatric refractory epilepsy patient after ketogenic diet/modified Atkins diet in Tun Mun Hospital, a tertiary referral center in HKSAR

Clinical features of epilepsy in patients with Rett syndrome

Permapanel real world experience in pediatrics epileptic syndromes at Chulalongkorn University, Bangkok, Thailand

Etiology, clinical course and outcome of infant epilepsy: experience of a tertiary center in Thailand

Myoclonic absence epilepsy, is it idiopathic, symptomatic or cryptogenic?

Tele-health for health disparities: a clinical and educational model for epilepsy

Few individuals with Lennox-Gastaut syndrome have autism spectrum disorder: a comparison with Dravet syndrome

Epileptogenic network of generalized paroxysmal fast activities in Lennox-Gastaut syndrome

15q11q13 duplication syndrome in a boy with refractory epileptic spasm and global developmental delay

Epileptic encephalopathy associated with mutations in voltage-gated sodium channels

Outcome of treatment protocol for infantile spasms using vigabatrin and high-dose prednisolone

Partial epilepsy in an infant with focal cortical dysplasia

Moyamoya disease presented with intermittent insanity and white matter lesion in a 3-year-old girl - a case report

The correlation between ADHD and brain MRI findings in children with epilepsy

Misdiagnoses in juvenile myoclonic epilepsy

Efficacy of the ketogenic diet in Chinese children with Dravet syndrome

Behavioral problems and psychosocial functioning in adolescents with epilepsy

Health-related quality of life in adolescents with epilepsy at Siriraj hospital

Early clinical features influencing the neurodevelopmental outcome and antiepileptic drugs efficacy in 106 Chinese patients with Dravet syndrome

Comparative study of efficacy of ACTH and prednisolone in the treatment of West syndrome: a retrospective study in Bangladesh

Epilepsy with eyelid myoclonias: the Arab Gulf experience

Early response to monotherapy antiepileptic drugs in patients with newly diagnosed epilepsy

Children born very preterm with necrotizing enterocolitis increase risks to epilepsy
Scientific Programme

The factors of epilepsy to memory impairment in childhood epilepsy patients
Epilepsy in early - onset multiple sclerosis: a case report
Drug-resistant epilepsy and hypocalcemia: a case report
Anti-epileptic treatment in anti-NMDA receptor encephalitis: a case series of varying seizure severity and outcomes
Incidence of neonatal seizures in babies born in a low income country
SCN2 A mutation with initial Migrating Partial Epilepsy of infancy after developing West syndrome
AARS gene mutation in a child with subcortical myoclonus, epileptic encephalopathy and global developmental delay
CHD2 mutation in epilepsy with myoclonic-atactic seizures
Thyroid dysfunction in children with epilepsy taking anticonvulsant

Poster Session
12:30 - 13:30

OTHERS

Seizure management for adult patients presenting to the emergency department at tertiary hospital in Oman
Spontaneous resolution of seizures in early infantile epileptic encephalopathy post-measles infection
Metabolic disturbances in the first seizure with fever: study of children in Thai hospital
Socio-demographic and clinical profiles of pediatric Japanese encephalitis cases in a tertiary hospital: a cross-sectional study
Antiepileptic drugs and quality of life in patients with epilepsy: a tertiary care hospital-based study
Right-to-left shunts and interictal epileptiform discharges: a case-control study
A rare case of hypercalcemic encephalopathy from ectopic secretion of parathyroid hormone
Factors affecting the occurrence of early-onset seizure of hospitalized stroke patients In Mohammad Hoesin General Hospital Palembang
Clinico-demographic, Investigation and outcome profiles of subacute sclerosing panencephalitis (SSPE) patients in a referral Neurology Hospital in Bangladesh
Anti-N-methyl-D-aspartate receptor (NMDAR) antibody encephalitis coexists with autoimmune thyroiditis
Telephone-induced seizure and epilepsy in Teaching Hospital Manado: a pilot study
Implementing epilepsy transition clinic to improve transfer of care from paediatric to adult services
Spontaneous and reflex movements in brain death patients
Scientific Programme

The effect of applying self- and family-oriented written education on the management of medicamentose, clinical exposure and quality of life of patient with epilepsy

Anti-LGI1 encephalitis: treatment and long-term follow-up

Description of fatigue and sleep disorders in epilepsy patients at Central General Hospital Haji Adam Malik Medan

Changing type of seizure in patient with delayed cerebral ischemia: a case report

The correlation between sleep quality with the frequency of seizures in epilepsy patients at Dr. Kariadi Central General Hospital Semarang

A prospective study of a ketogenic diet in 20 patients with Dravet syndrome

Refractory epilepsy secondary to Anti-Ma-2-encephalitis: report of case series from a tertiary neurology centre in Malaysia

The role of extracellular potassium in focal seizures - insight from computational model

Delayed diagnosis of tuberculous meningitis in a young immunocompetent Filipino female with concomitant herpes simplex virus encephalitis and right frontal bacterial abscess: a case report

Onset of epilepsy and its impact on quality of life: a cross-sectional study in Bethesda Hospital Yogyakarta

Preoperative localization of refractory cingulate epilepsy: 4 cases report

Poster Session
12:30 - 13:30
Negara Room

NEUROPSYCHOLOGY

Evaluation of mood states/anxiety/depression in surgical patients with drug-resistant epilepsy

Relationship between epileptic seizures with headaches, depression and anxiety in Haji Adam Malik General Hospital Medan, North Sumatera

Cognition and emotion in children with epilepsy

Prevalence and predictors of verbal learning and memory dysfunction in patients with epilepsy - a cross-sectional study in a tertiary centre

Mindfulness-based interventions for epilepsy: does paying attention really work?

A comparative study of tandospirone and Wuling capsules in treating epileptic patients with anxiety

Psychogenic non-epileptic seizure: a case report

Executive dysfunction in frontotemporal epilepsy due to traumatic brain injury

Enhanced beta rhythm synchronization of amygdala-hippocampal circuit during fear memory retrieval in humans

Manifestations of neurocognitive disorders in temporal lobe epilepsy

Neural processes of auditory perception on Heschl’s gyrus for upcoming acoustic stimuli in human
Scientific Programme

Poster Session
12:30 - 13:30
Negara Room

NEUROIMAGING

- Ulegyria cases accompanied with EEG monitoring in epilepsy etiology
- Utility of FDG PET-CT in the work-up of refractory childhood epilepsy: a case series & pictorial essay
  Speaker: Derrick CHAN WEI SHIH (Singapore)
- Alteration of betweenness value in brain network and function connectivity among patients with refractory epilepsy
- Ictal SPECT on speech arrest as motor seizure in non-ketotic hyperglycemic patient
- The perplexity of Rasmussen’s encephalitis: case series
- Analyzing language association network utilizing functional MRI and diffusion MRI in Japanese-English bilinguals
- Alterations of brain network efficiency in patients with refractory epilepsy
- Altered attention networks in refractory epilepsy: a resting-state functional and causal connectivity study
- Evaluation of multimodal brain imaging data fusion method in discrimination of hot water epilepsy subjects using fusion of sMRI, DTI and resting State fMRI data with N-way MCCA + jICA model
- Morphometric abnormality in mesial temporal sclerosis
- Cortical thickness abnormalities in epilepsy patients with postictal generalized electroencephalographic suppression
- Comparison between simultaneously acquired 18F-FDG PET and arterial spin labeling in localizing mesial temporal lobe epilepsy with a PET/MR system
- Regulation of oxcarbazepine on brain function network in children with Benign epilepsy of childhood with centrotemporal spikes (BECTS)
- Effects of carbamazepine and lamotrigine on fMRI cognitive networks

Poster Session
12:30 - 13:30
Negara Room

NEUROBIOLOGY

- Association of GABAA receptor gene polymorphisms with juvenile myoclonic epilepsy (JME) and Lennox-Gastaut syndrome (LGS)
- Long-term effects of NADPH-oxidase inhibitor treatment on seizure-induced hippocampal neurogenesis
- Sphingolipid -endothelin pathway modulates P-glycoprotein activity in phenobarbital resistant model of PTZ kindling induced epilepsy in rats
GENETICS

- GABRA1 and GABRG2 gene mutations in epilepsy patients in Tamil Nadu population
- Gene mutation analysis in Thai children with Dravet syndrome phenotype at Siriraj hospital
- Two cases of 1q44 deletion syndrome with epileptic encephalopathy
- Association of MDR1 gene polymorphism with refractory epilepsy in children
- Evaluating the pathogenic potential of genes with de novo mutations in epileptic encephalopathies
- De novo homozygous mutation of the SCN1A gene in a patient with Dravet syndrome complicated by acute encephalopathy
- CLN6 mutation in a child with progressive myoclonic epilepsy
- Efficient strategy for the molecular diagnosis of intractable early-onset epilepsy using targeted gene sequencing
- Novel hotspot HCFC1 mutations in idiopathic focal epilepsy and genic sub-regional implications
- Screening LGI1 and RELN mutations in a cohort of 25 lateral temporal lobe epilepsy patients with auditory aura from China
- Comorbidity of Myhre syndrome and Moyamoya disease: a case report
- Novel mutations and phenotypes of DEPDC5 gene and correlations between genotype and phenotype
- Quantitative functional analysis of splicing mutations in SCN1A cause epilepsies with febrile seizures: mechanisms and correlations with clinical severity
- Familial idiopathic generalized epilepsies: diagnosis challenge in limited resources setting
- Molecular genetic characterization of patients with focal epilepsy using a customized targeted resequencing gene panel
- Dermatoglyphic indexes in children with febrile seizure
- Potential role of CHD2 in juvenile myoclonic epilepsy
- Phenotypic heterogeneity of CHD2 mutations in patients with epilepsy and paroxysmal dyskinesia
- Genetic causes of epileptic encephalopathies identified by targeted sequencing and evaluation of the pathogenicity of mutations

EPIDEMIOLOGY

- Factors that influence of post stroke epilepsy in Hasan Sadikin Hospital Bandung, January 2014 - December 2016
Scientific Programme

Acute symptomatic seizures - incidence, etiological spectrum and prognosis: a prospective hospital-based study from Central Java, Indonesia

Is there a delay in seeking medical care after the first seizure in “resource limited settings”: a perspective from Sri Lanka

Seizure-like activities in patients with head-up tilt test induced syncope

Quality of life in epileptic patients - a comparative study

A prospective study of early seizure in stroke patients in a tertiary care center

Prevalence and incidence of epilepsy patients in some hospitals in the city of Medan

Profile of epileptic patients in a hospital cohort in Lubumbashi, Democratic Republic of Congo

Characteristic of epilepsy patients at Anutapura and Undata General Hospital Palu City, Central Sulawesi, Indonesia

Presence of iron deficiency anemia in children 6 months to 5 years old with febrile seizure: a cross-sectional study

Sleep quality and sleep disorder profile of epilepsy patients in neurology polyclinic Sanglah General Hospital Denpasar, Bali

Quality of life of epileptic patients - a population based study

Characteristic of sleeping disorders in patients with epilepsy in RSUP Prof. Dr. R. D Kandou Manado

Poster Session
12:30 - 13:30

EEG

The correlation of seizure semiology and location of epileptogenic discharge appeared on long term - monitoring electroencephalography in epilepsy patient at Kariadi General Hospital, Semarang, Indonesia

Patterns of abnormalities and yield of electroencephalogram (EEG) in young adults in a tertiary medical center

Focal abnormalities are the main abnormal EEG features of symptomatic epilepsy (brain tumor) in neurology clinic Sanglah General Hospital Denpasar 2016

The relationship between electroencephalography examination with cognitive function examination in epilepsy patients who went to neuro poly in Dr. Kariadi Hospital, Semarang, Central of Java, Indonesia in 2017

Electroencephalographic characteristics in adult patients with MELAS

Fp-O spikes phenomena

Pattern of EEG change in infants with West syndrome: a retrospective study

Real time prediction and detection of seizures from EEG recordings

Multifocal epileptic discharges as uncommon electroencephalography features in prolonged nonconvulsive status epilepticus in temporal epileptic encephalopathy
Temporal change of electroencephalogram in benign adult familial myoclonus epilepsy (BAFME)

The correlation of sleep or awake, photic and hyperventilation with epileptogenic discharge showed in EEG examination of seizure patients

Electroencephalography findings in tuberculous meningitis with acute symptomatic seizures

SEEG in the evaluation of challenging medically refractory epilepsy cases in India

Understanding electroencephalogram findings of epileptic patients in a tertiary care hospital in Indonesia: a preliminary study

The diagnostic yield of video-electroencephalography monitoring in a comprehensive epilepsy center

Altered resting-state functional connectivity in patients with idiopathic generalized epilepsy: a graph theoretical electroencephalography analysis

Staging slow wave sleep without high voltage rule of EEG in elderly patients

Association between EEG patterns and short-term clinical outcome in metabolic encephalopathy

Video EEG of seizures in children with Angelman syndrome

Normal routine EEG results are a common feature found in anti-NMDAR encephalitis patients with psychiatric symptoms

AC amplifier with long time constant or DC amplifier for ictal DC shift recording, is it a matter?: A simulation study

Scalp-EEG could record both ictal DC shift and HFO even with time constant 2 sec: a case report

Rational cortical mapping algorithm for epilepsy surgery: non-stimuli, multi-intrinsic brain activities without cortical stimulation

Rapid diagnostic value of early electroencephalography in stroke mimics: a case series

Usefulness of long term Video EEG monitoring in epilepsy patient at epilepsy monitoring unit (EMU)

Efficacy of short term video electroencephalography (SVEEG) in detecting psychogenic non-epileptic seizures

Variation in spectrum of EEG relating to epilepsy in and around Kanchipuram

EEG profile of children with febrile seizure in Saiful Anwar General Hospital, Malang, Indonesia

Overview of clinical manifestation and brain imaging in patients who conducted long term EEG examination at the Kariadi Hospital in 2017

Electroencephalography (EEG) findings in children with epileptic cerebral palsy at DR. Moewardi Hospital Surakarta: a retrospective study

Utility of routine in-patient Electroencephalography - experience for a tertiary care center of Pakistan

The correlations of the age of onset, MRI and seizure focal point of EEG LTM in epileptic patients
Scientific Programme

Poster Session
12:30 - 13:30
Negara Room

**CLINICAL NEUROPHYSIOLOGY**
- Infra slow oscillations in atypical and typical absences
- Efficacy of oxcarbazepine in SCN2A-related neonatal-onset epileptic encephalopathy
- Computational model-based paradigm for detection of epileptogenic systems
- Somatosensory evoked potential: is it different between genders?
- Comparison between spontaneous and evoked high frequency oscillations in localizing epileptogenic zone

Poster Session
12:30 - 13:30
Negara Room

**BASIC SCIENCE**
- Evaluation of the neurogenesis and neurodegeneration process after long term treatment with a new potent anticonvulsant hybrid compound derived from 2-(2,5-dioxopyrrolidin-1-yl) propanamide in mice
- The novel effect of immunomodulator-glatiramer acetate on epileptogenesis and epileptic seizures
- Study of the neuroprotective effect of ketiramer acetate on epileptogenesis and epileptic seizures
- Downregulation of peripheral PTGS2 by valproic acid: a potential biomarker for determining drug efficacy in patients with epilepsy
- Whole brain c-Fos mapping in multiple chemical drug-induced epilepsy rat models
- Ketone bodies inhibits the opening of acid-sensing ion channels in hippocampal neurons of rats
- The role of Pregnane X receptor in the development of drug-resistant epilepsy
- Abnormal retinal thickness in epilepsy patients with hippocampal sclerosis
- The residual expression of truncated NaV1.1 mutants is correlated with the phenotype severity: a potential new pathogenic mechanism
- Effects of an acetylcholinesterase inhibitor, donepezil, on seizure-induced hippocampal neuronal death

Poster Session
12:30 - 13:30
Negara Room

**AED ISSUES**
- Need of immediate drug reduction after epilepsy surgery
- Depression in patients with epilepsy: a cross-sectional study in North Indian population
- Perampanel as monotherapy for focal seizures: real world experienced
Minimal observation duration necessary to determine “treatment failure” in epileptics

Effect of sodium valproate therapy on body mass index, serum leptin, adiponectin and insulin levels in patients with epilepsy: a cross-sectional study in Indian population

Long term efficacy and safety of Rufinamide in children aged 1-4 years with Lennox-Gastaut syndrome

Effect of zonisamide as a monotherapy on bone mineral density and bone metabolism in epilepsy patients

The effect of sodium valproate in improving developmental delay in seizure free children with abnormal electroencephalograph

Is anti-epileptic-medication (AED) prescription a confusing note?

Secondary amenorrhea as uncommon adverse effect of levetiracetam

Epileptic patients received monotherapy have better quality of life than epileptic patients received polytherapy

Characteristics of phenytoin-induced peripheral neuropathy patients at Neurology Polyclinic in Mohammad Hoesin Hospital Palembang Indonesia

Prevalence of adverse events of antiepileptic drugs and related factors in patients with epilepsy at Cipto Mangunkusumo General Hospital using the Indonesian version of Liverpool Adverse Events Profile

Title effects of cerebrospinal fluid AMPA receptor levels on the clinical efficacy of lamotrigine in the treatment of epilepsy

Response to placebo in randomized clinical trials of antiepileptic drugs

Comparison of cognitive function between epilepsy patients using phenytoin, carbamazepine, valproate and polytherapy of AED

Visual evoked potential and Ishihara test in use of oral antiepilepsy in RSUP Prof. Dr. R.D Kandou

Efficacy and tolerability of moderate dose of Oxcarbazepine as adjunctive therapy in partial temporal lobe epilepsy

Regulation of new antiepileptic drugs on brain function network in children with benign epilepsy with central temporal spikes

Clinical relevance of therapeutic drug monitoring of perampanel

Efficacy of perampanel on primary generalized epilepsy

Effect of AEDs on serum lipid level in adult patients with epilepsy

ADULT EPILEPTOLOGY

Hippocampal sclerosis in temporal lobe epilepsy

Differentiating myoclonic jerk on reflex seizure from juvenile myoclonic epilepsy
Scientific Programme

Incidence and characterization of post gliotic seizures among the elderly: a cross-sectional study

Post stroke epilepsy in relation with solar activity

Acute symptomatic seizure due to non-ketotic hyperglycaemia: a case report

A homozygotic mutation with severe benign adult familial myoclonus epilepsy (BAFME)

Symptomatic epilepsy and pure motor monoparesis due to reactivation of neurocysticercosis

Clinical and electroencephalography features in clinically suspected vertiginous epilepsy in Cipto Mangunkusumo Hospital

Anti-GABA B receptor encephalitis with adenocarcinoma colon: a rare association of autoimmune encephalitis - a case report

Essential oil induced (EOIS) and provoked seizures (EOPS) - a multicentric prospective observational study from south India

A rare case of anti-GABA B receptor encephalitis associated with prostate cancer - case report

Benign mesial temporal sclerosis, clinical characteristics and association

Stroke outcome and post stroke epilepsy in India - an observational study

Sleep profile in drug resistant temporal lobe epilepsy (TLE) due to hippocampal sclerosis (HS): a sleep questionnaire based follow-up study after anterior temporal lobectomy with amygdalo-hippocampectomy

Characteristics of patients with epilepsy who perceived stress as a seizure precipitant

Only a minority of mesial temporal sclerosis had surgery - the clinical and sociocultural factors

Primary of empty sella syndrome presenting status epilepticus - a case report

Epilepsy in neurocysticercosis

The application of electroencephalogram on the disease assessment of the patients with anti-NMDA receptor encephalitis

Parallel Session
13:30 - 15:00
Griya Agung Ballroom

UPDATE IN THE MANAGEMENT OF STATUS EPILEPTICUS

Chairs:
Co-chair: Shih Hui LIM (Singapore)
Co-chair: Diah Kurnia MIRAWATI (Indonesia)

Introduction

ILAE classification of SE: rationale and clinical advantage
Speaker: Shang-Yeong KWAN (Taiwan, Republic of China)

Outcome of SE
Speaker: Colin LUI (Hong Kong)
Scientific Programme

ICU monitoring of SE
Speaker: Nicholas LAWN (Australia)

Management and outcome of super-refractory SE
Speaker: Tusher D. GOSAVI (Singapore)

ASEPA Workshop
13:30 - 15:00
Denpasar Room

SHARING YOUR RESEARCH: PUBLICATION

Chairs:
Chair: Sam BERKOVIC (Australia)

Introduction

How to write a scientific paper
Speaker: Sam BERKOVIC (Australia)

Choosing a journal, authorships, editorial policies and plagiarism
Speaker: Chong Tin TAN (Malaysia)

How to handle a rejection
Speaker: Ennapadam S. KRISHNAMOORTHY (India)

Debate
15:00 - 16:00
Griya Agung Ballroom

DEBATE: SHOULD MEDICAL MARIJUANA BE RECOMMENDED FOR THE TREATMENT OF EPILEPSY?

Chairs:
Chair: Ingrid SCHEFFER (Australia)

Introduction

For
Speaker: Helen CROSS (United Kingdom)

Against
Speaker: Rhea SALONGA-QUIMPO (Philippines)

CAOA Task Force Session
15:00 - 16:00
Denpasar Room

CAOA’S GLOBAL CAMPAIGN TASK FORCE SESSION: EPILEPSY TEACHING AND TRAINING IN THE REGION - HOW ARE WE DOING IT AND CAN IT BE IMPROVED?

Chairs:
Chair: Ernie SOMERVILLE (Australia)
**Scientific Programme**

**Who should the target audience be and what topics should be prioritized?**
Speaker: John DUNNE (Australia)

**Conferences, symposia/workshops and the small group interactive model**
Speaker: Ernie SOMERVILLE (Australia)

**Fellowships, observerships, travel scholarships, mentorships and visiting professorships**
Speaker: Josephine CASANOVA-GUTIERREZ (Philippines)

**The role of confirming competencies, and ongoing mentorship (including via internet)**
Speaker: Zarine MOGAL (Pakistan)

Platform Session
15:00 - 16:00
Tabanan Room

**BASIC SCIENCES AND GENETICS**

**Chairs:**
Chair: Atsushi ISHII (Japan)

- **Infantile epilepsy with multifocal myoclonus and brain atrophy caused by TBC1D24 mutation**
  Speaker: Zhang JING (China)

- **Study of the rare causative genes and analysis of genotypes and phenotypes of Dravet syndrome**
  Speaker: Tian XIAOJUAN (China)

- **Phenotypic and genetic overlapping of epilepsy and paroxysmal dyskinesia: Application of the next-generation sequencing**
  Speaker: Yo-Tsen LIU (Taiwan, Republic of China)

- **Characterisation of impairments in brain glucose metabolism in epilepsy and treatments thereof: dichloroacetate, fructose 1,6-bisphosphate and medium chain fats**
  Speaker: Karin BORGES (Australia)

Platform Session
15:00 - 16:00
Singaraja Room

**EPILEPSY SURGERY AND STATUS EPILEPTICUS**

**Chairs:**
Chair: Chong WONG (Australia)

- **Status epilepticus in cerebral venous sinus thrombosis**
  Speaker: Jayantee KALITA (India)

- **Epilepsy surgery in pediatric intractable epilepsy with destructive encephalopathy**
  Speaker: Dong-Seok KIM (Korea, Republic of)

- **Improving seizure and motor functional outcomes following endoscopic hemispherotomy for drug refractory epilepsy**
  Speaker: Shabari GIRISHAN (India)
Scientific Programme

Usefulness of IV lacosamide (LCS) and levetiracetam (LEV) in the management of status epilepticus (SE)
Speaker: Uma MENON (United States)

One-year follow-up of stereoelectroencephalography-guided radiofrequency thermocoagulation for mesial temporal lobe epilepsy with hippocampal sclerosis
Speaker: Xiaotong FAN (China)

Video Session
16:30 - 17:30  Griya Agung Ballroom

SEEG IN EPILEPSY SURGERY FOR DEMONSTRATION

Chairs:
Chair: Guoming LUAN (China)

Introduction

Video Presentation 1
Speaker: Meng-yang WANG (China)

Video Presentation 2
Speaker: Sarat CHANDRA (India)

Video Presentation 3
Speaker: Chong WONG (Australia)

CAOA Task Force Session
16:30 - 17:30  Denpasar Room

CAOA'S GLOBAL CAMPAIGN TASK FORCE SESSION: IMPROVING AVAILABILITY AND QUALITY OF EEG IN THE REGION

Chairs:
Chair: Shih Hui LIM (Singapore)

The current state of EEG services in Asia and Oceania
Speaker: Kheng-Seang LIM (Malaysia)

Development of EEG services: the Australian experience
Speaker: John DUNNE (Australia)

Development of EEG services: the Japanese experience
Speaker: Akio IKEDA (Japan)

Strategies for developing EEG services in China
Speaker: Xiaqiu SHAO (China)

Strategies for developing EEG services in Indonesia
Speaker: Kurnia KUSUMASTUTI (Indonesia)

The role of the certification examination
Speaker: Shih Hui LIM (Singapore)
Scientific Programme

Platform Session
16:30 - 17:30

**ADULT EPILEPTOLOGY**

**Chairs:**
Chair: Andrew BLEASEL (Australia)

- Clinical profile of post-stroke seizures in a local tertiary government hospital in Quezon City, Philippines: A cross-sectional analytical study
  Speaker: Paul Emmanuel YAMBAO (Philippines)

- Remote detection of epileptic convulsive seizures using real-time multi-channel video group-parameter reconstruction
  Speaker: George PETKOV (Netherlands)

- The experience of the 2017 International League Against Epilepsies (ILAE) classification of seizure types: compared with the 1981 seizure classification in an outpatient setting
  Speaker: Hui GAO (China)

- Eating epilepsy: comprehensive evaluation
  Speaker: Shishir DUBLE (India)

- Role of magnetoencephalography (MEG) in patients with drug resistant focal epilepsy (DRFE) who underwent epilepsy surgery
  Speaker: A ASHEEB (India)

Platform Session
16:30 - 17:30

**PAEDIATRIC EPILEPTOLOGY, EEG AND NEUROPSYCHOLOGY**

**Chairs:**
Chair: Derrick CHAN (Singapore)

- Scalp-recorded high-frequency oscillations in childhood epileptic encephalopathy with continuous spike-and-wave during sleep with different etiologies

- Genetic epilepsy with photosensitive seizures: a continuum between focal and generalized seizures

- Paediatric epilepsy surgery patients show normal psychosocial development at long-term follow-up despite dissatisfying family dynamics

- Epileptic encephalopathies in infant and children: Clinico-electroencephalographic spectrum

- Altered gut microbiome composition in children with refractory epilepsy after ketogenic diet
ASEPA Didactic Lecture
08:00 - 08:45
Denpasar Room

TRAINING AND EDUCATION IN EPILEPTOLOGY - FROM BUILDING COMPETENCIES TO DEVELOPING CAPABILITIES

Chairs:
Chair: Shang-Yeong KWAN (Taiwan, Republic of China)

Introduction
Training and education in epileptology - from building competencies to developing capabilities
Speaker: Shih Hui LIM (Singapore)

Special Session
08:45 - 09:00
Denpasar Room

AWARDS CEREMONY

The Tadokoro Prize winners will receive their awards. These awards are decided on site by the 12th AOEC Committee for the two best platform (oral) presentations and the two best poster presentations. All four awardees will be contacted by email on the evening of the 30th July.

Main Session
09:00 - 10:30
Griya Agung Ballroom

GENETIC INVESTIGATIONS IN EPILEPTIC ENCEPHALOPATHIES

Chairs:
Co-chair: Ingrid SCHEFFER (Australia)
Co-chair: Shinichi HIROSE (Japan)

Introduction
The genetic landscape of the epileptic encephalopathies of infancy and childhood
Speaker: Ingrid SCHEFFER (Australia)

Diagnostic value of gene panel testing in patients with epileptic encephalopathies
Speaker: Hoon-Chul KANG (Korea, Republic of)

The application of whole-exome sequencing in patients with epileptic encephalopathies
Speaker: Yuwu JIANG (China)

Detection of low-level somatic mutations and mosaicism for genetic investigation of epileptic encephalopathies
Speaker: Sangwoo KIM (Korea, Republic of)
IBE Epilepsy & Society Symposium
09:00 - 09:35
Tabanan Room

WELCOME ADDRESSES

Welcome address from the President of IBE
Speaker: Martin BRODIE (United Kingdom)

Welcome address on behalf of the Governor of Bali
Speaker: Ni Made Ayu Putri PASTIKA (Indonesia)

IBE Epilepsy & Society Symposium
09:35 - 10:45
Tabanan Room

LIVING WITH EPILEPSY IN INDONESIA

Chairs:
Chair: Satish JAIN (India)

Epilepsy, stigma and PERPEI
Speaker: Anna Marita Gelgel SINARDJA (Indonesia)

Epilepsy, me and childbearing; a testimony
Speaker: Kadek KANJANI (Indonesia)

Epilepsy in Balinese traditional culture
Speaker: Purwa Gde SAMATRA (Indonesia)

Post Main Session
11:00 - 12:30
Griya Agung Ballroom

DRAVET SYNDROME

Chairs:
Co-chair: Shinichi HIROSE (Japan)
Co-chair: Susi AULINA (Indonesia)

Introduction

Semiology of Dravet syndrome
Speaker: Derrick CHAN (Singapore)

Genetics of Dravet syndrome
Speaker: Hyo Jeong KIM (Korea, Republic of)

Phenotype and genotype correlation in Dravet syndrome
Speaker: Atsushi ISHI (Japan)

Therapeutic strategies for Dravet syndrome
Speaker: Xiu-Yu SHI (China)
Parallel Session
11:00 - 12:30
Denpasar Room

MANAGEMENT OF EPILEPSY WITH COMORBIDITIES

Chairs:
Co-chair: Yao-Chung CHUANG (Taiwan, Republic of China)
Co-chair: Astri BUDIKAYANTI (Indonesia)

Introduction

Epilepsy in patients with cerebrovascular disease
Speaker: Man Mohan MEHNDIRATTA (India)

Epilepsy in patients with dementia
Speaker: Ennapadam S. KRISHNAMOORTHY (India)

Epilepsy in patients with neurodevelopmental handicaps (alternatively neurobehavioural problems)
Speaker: Marilyn ORTIZ (Philippines)

Epilepsy in patients with neuropsychiatric comorbidities
Speaker: Astri BUDIKAYANTI (Indonesia)

IBE Epilepsy & Society Symposium
11:15 - 12:30
Tabanan Room

COPING WITH EPILEPSY THROUGH THE AGES: SOCIAL ISSUES

Chairs:
Chair: Ding DING (China)

The psycho social impact of epilepsy during childhood and adolescence
Speaker: Simon HARVEY (Australia)

Epilepsy and women: social issues
Speaker: Gagandeep SINGH (India)

The psycho social aspects of epilepsy among the elderly
Speaker: Patrick KWAN (Australia)

Special Session
13:00 - 15:00
Denpasar Room

DIETARY WORKSHOP PART 1

Chairs:
Co-chair: Heung Dong KIM (Korea, Republic of)
Co-chair: Derrick CHAN (Singapore)

Introduction to the ketogenic diet
Speaker: Heung Dong KIM (Korea, Republic of)

An overview of the mechanisms of the ketogenic diet
Speaker: Derrick CHAN (Singapore)
Scientific Programme

Indication of the ketogenic diet (epilepsy, autism, brain cancer and other neurological disorders)
Speaker: Se Hee KIM (Korea, Republic of)

IBE Epilepsy & Society Symposium
13:45 - 14:15 Tabanan Room

SPECIAL LECTURE: INDONESIAN PUBLIC INSURANCE SYSTEM AND EPILEPSY DRUGS

Chairs:
Chair: Anna Marita Gelgel SINARDJA (Indonesia)

Indonesian public insurance system and epilepsy drugs
Speaker: Dede GUNAWAN (Indonesia)

IBE Epilepsy & Society Symposium
14:15 - 15:30 Tabanan Room

EPILEPSY CARE: RECENT ADVANCES

Chairs:
Chair: P. SATISHCHANDRA (India)

New classification of seizure types and epilepsies: what do people with epilepsy and their caregivers need to know?
Speaker: Martin BRODIE (United Kingdom)

Comprehensive care to people with epilepsy: experience in China
Speaker: Ding DING (China)

Epilepsy and yoga; lessons from India
Speaker: Satish JAIN (India)

Special Session
15:00 - 17:00 Denpasar Room

DIETARY WORKSHOP PART 2

Chairs:
Co-chair: Hoon-Chul KANG (Korea, Republic of)
Co-chair: Sheffali GULATI (India)

Diverse ketogenic therapies (Classic, Atkins, Modified Atkins, and Low glycemic index treatment)
Speaker: Sheffali GULATI (India)

Practical dietary procedure for ketogenic therapies
Speaker: Eunjoo LEE (Korea, Republic of)

The Indonesian meal plan
Speaker: I.G.A.M. RIANTARINI (Indonesia)
Management and prevention for complications of the ketogenic therapies
Speaker: Hoon-Chul KANG (Korea, Republic of)

IBE Epilepsy & Society Symposium
16:00 - 16:30
Tabanan Room
PERSONAL STORIES FROM THE NEXT GENERATION

Living with epilepsy; my experience!
Speaker: Katherine HEIGHT (Australia)

Living with epilepsy; my experience!
Speaker: Shuorong HUANG (China)

Living with epilepsy; my experience!
Speaker: Ern-Chun HUNG (Taiwan, Republic of China)

IBE Epilepsy & Society Symposium
16:30 - 16:45
Tabanan Room
CLOSING REMARKS

Farewell 1
Speaker: Martin BRODIE (United Kingdom)

Farewell 2
Speaker: P. SATISHCHANDRA (India)

Farewell 3
Speaker: Anna Marita Gelgel SINARDJA (Indonesia)