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# *Epilepsy India*



Newsletter of the Indian Epilepsy Association & Indian Epilepsy Society

**9th Indian Epilepsy Society (IES) EEG Workshop 2014**

**National Epilepsy Day 2014**



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Season's greetings to all. May the New Year bring you happiness and contentment. May the Indian Epilepsy Association continue to do stellar work in the field of epilepsy.

We are a little disappointed with the response to a debate on Operational Definition of Epilepsy as proposed by the ILAE. Only Dr H.V. Srinivas from Bangalore responded. We in the editorial



team wanted EI to be platform for debates on various issues of epilepsy. We have enough stalwarts in our country to opine on these matters, but the response was, to say the least, lukewarm. Please take this opportunity to have a healthy debate on the operational definition of epilepsy through EI. We have received reports from Kochi, Jaipur, MP, UP, Tirupati and Vizag, on NED activities 2014. These are carried in this issue. NED observation reports will continue to be printed in the next issue. So those chapters which have not sent in your reports please do so. Observing a particular day is important to essentially drive home the message of the theme and create a better awareness for the public and hence to benefit the society at large. From 2015 onwards, the NED will be replaced by International Epilepsy Day slated to be on the **SECOND MONDAY OF FEBRUARY** every year. The logo is also published in the current issue, along with suggestions from IBE on how to use social media to generate interest about epilepsy around the day. While on social media, Indian Epilepsy Association Mumbai has started a Facebook page on Epilepsy, so those of you who are active on FB head over and like the page.

Hyderabad had conducted an EEG workshop in November 2014 - The ninth EEG workshop under the aegis of IES. The feedback from participants was that it was of a very high caliber. Congrats to Dr Sita Jayalakshmi and her team. That IES is increasingly involving in such academic activities is a matter for rejoicing.

Ludhiana is hosting a workshop on "Arranged Matrimony in PWE" in April 2015. This is very welcome initiative on the social issues of epilepsy and we are eagerly looking forward to this event.

Dr Natarajan and his team are working tirelessly for the ECON 2015 at Chennai. The programme looks very attractive and practical for practicing Neurologists, and patients and caregivers of PWE. Please attend in large numbers to make ECON 2015 a grand success.

Once again wishing all of you a Very Merry Christmas and a Prosperous New Year. ■

# 9th Indian Epilepsy Society (IES) EEG Workshop 2014

Reported by  
**Dr. Sita Jayalakshmi**



Accurate Electroencephalography (EEG) reading, and data and result interpretation requires good expertise and experience. As a continuous effort to foster and enhance neurological training, Indian Epilepsy Society (IES) organized the 9th IES EEG Workshop in association with Krishna Institute of Medical Sciences, Hyderabad and Pediatric Epilepsy Society Hyderabad. It was held at Novotel & HICC Complex (Near Hitec City), Cyberabad Post Office,

Hyderabad - 81, India on 29th & 30th November 2014 (Saturday & Sunday). Dr. Sita Jayalakshmi was the workshop course organizer and Dr. Man Mohan Mehndiratta & Dr. Manjari Tripathi were the course Directors for the 9th IES EEG Workshop. We planned to restrict the registration to maximum to 80 but because of enthusiastic response we had to accept more registrations and the total number of registered delegates were 218.



General and Paediatric Neurologists and Epileptologists from all over India participated in this workshop and 24 renowned national and international faculty were specially invited for this EEG workshop. Chairman, Asian Epilepsy Academy (ASEPA), Dr. Lim Shih-Hui from Singapore also participated in this workshop. The theme of the workshop was 'Case Based Basics to Advanced EEG'. The course covered the basic elements of the practice of EEG and its application in the diagnosis and management of



*Inauguration of the 9th IES EEG workshop at Hyderabad*



*Dr. Lim Shi Hui presented with PESH oration plaque, along with Dr. Alladi Venkatesh (President PESH), Dr. Man Mohan Mehndiratta (Secretary-General IES), Dr. B. Bhaskar Rao (CEO KIMS), Dr. S. Mohandas (HOD Neurology, KIMS) and Dr. MVR Reddy.*

epilepsies and role of Video EEG, seizure semiology and ictal EEG in clinical practice. It included basic role of standard EEG in the diagnosis and management of epilepsy, discussion of role of EEG in various with a clinical perspective and the potential pitfalls. Emphasis was laid on practical aspects, including the basic EEG aspects, EEG reading, EEG monitoring in the ICUs, Video EEG during pre-surgical evaluation and intracranial monitoring. All the sessions were based on case discussions and emphasis was on practice oriented small group sessions.

The workshop was inaugurated by Dr. B. Bhaskar Rao, CEO of KIMS. It was followed by the PESH oration delivered by Dr. Lim Shih Hui on the topic 'Professionalism in Medicine'. during the EEG workshop, ASEPA-ASNA (ASEAN Neurological Association) joint EEG Certification examination (Part 1) was held for neurologists, neurology residents and EEG technologists. The prime aim of this EEG Certification examination is to establish and improve standards of training and professional practice of EEG in Asian Oceanian region. A total of 16 delegates registered for the examination and 14 appeared. The pattern of this examination was objective type comprising of 150 Multiple Choice Questions to be completed in three hours. It covered various aspects of normal and abnormal EEGs and EEG recording techniques and instrumentation.

Hence IES continues to provide a platform for hands-on experience and theoretical and practical knowledge of reporting and interpreting EEGs under the guidance of experienced national and international Neurologists and Epileptologists.





# EpiCon 2014 - International Conference on Epilepsy : Opportunities and Challenges

Reported by

**Dr. Komal Kamra**

Organizing Secretary, EpiCon 2014

Approximately 1 % of the world's population has epilepsy. In developing nations, the treatment gap is huge and the neurological disorder is mired with myths and superstitions leading to societal discrimination which affects education, employment and marriage. **"EpiCon 2014 International Conference on Epilepsy: Opportunities and Challenges"** was organized with the goals of exchanging technical advancements in epilepsy research as well as to address its psycho-social impact. Jointly organized by Sri Guru Tegh Bahadur Khalsa College, a constituent college of the University of Delhi and EKATWAM, a non-government organization with a group of committed people engaged in treatment of epilepsy, persons with epilepsy, their caregivers and well-wishers, the conference cum workshop was targeted largely towards the youth as well as special educators and counsellors from schools and colleges.

The three day conference cum workshop was conducted under the leadership of the core committee consisting of Dr Manjari Tripathi, Professor, Neurosciences, AIIMS, Delhi, and Dr P Sarat Chandra, Professor, Neurosurgery, AIIMS, Delhi, as Chair and Co-Chair respectively, Dr Jaswinder Singh, Principal, SGTB Khalsa College, University of Delhi, Delhi, and Mr Adosh Datta, Secretary, Ekatwam, as conveners, and Dr Komal Kamra, Associate Professor of Zoology, SGTB Khalsa College and Ms Kirandeep Kaur, CSIR research fellow, as organizing secretary and joint secretary respectively. The staff and students of SGTB Khalsa College helped conduct the event at the College; special mention is due to organizational support by Dr Surinder Kaur and Dr Laxmi Narula and technical support by S Prabhjeet Singh and S Satinder Singh.

The inaugural began with a recorded message from Dr Harsh Vardhan, Honourable Minister of Health and Family Welfare, Government of India, to educate college students and general public to spread awareness about epilepsy and its management. Dr. Harsh Vardhan believes that a society does not become "modern" by just changing its superficial appearance. In his opinion, progress and modernization means adopting lifestyles that reflect collective maturity and vision. This was

followed by a deliberation by Mr Lov Verma, Secretary of the Ministry echoed the voice of the ministry about epilepsy and its medical management, promising to take appropriate measures towards reaching out to persons with epilepsy.

Dr Athanasios Covanis, President, International Bureau of Epilepsy, in his key note address entitled "Role of public organizations in the creation of legislative basis for the support of people with epilepsy" emphasized that the impact of epilepsy goes well beyond the seizures because of high treatment gap, limited public understanding and associated social stigma. His presentation dealt with the sensitive topic of discrimination that affects quality of life of people with epilepsy in terms of social life, education, employment and various legal matters. He concluded by strongly advocating for change in outdated legislation that fails to adequately promote and protect human rights of epileptic patients. According to him, all stakeholders should join forces to improve awareness, generate power and pressure on policy makers for better health, access to appropriate essential anti epileptic drugs, ensure compliance to treatment and focus on international human rights.

Continuing with the socio-economic impact of epilepsy, Dr Manjari Tripathi (AIIMS), India, further discussed the epilepsyscenario in the Indian perspective where majority of patients are surrounded by social myths and do not receive adequate medication. She discussed the unpredictability of seizures and physical impacts associated with the same. She invited patients and care givers to share their personal experiences with epilepsy and how it has impacted their lives in education and employment. Her vision of the EpiCon 2014 has been to generate awareness among youth, educate counsellors, educators and psychologists on epilepsy so that persons with epilepsy, especially young children, are not discriminated against and are treated at par with any other individual. She invited Dr Gaganjot Singh, faculty, SGTB Khalsa College, to share his personal experience where appropriate awareness help save lives in an incident where a public bus driver

had an epileptic seizure.

Dr. Satish Jain, Director, Indian Epilepsy Centre, discussed epilepsy as a chronic disorder that has been known to mankind since its existence. He explained epilepsy from abundant references including symptomatology, etiology, diagnosis, and treatment from the Indian Ayurvedic literature originally written about 1000 BC. He further extended his discussion that despite high degree of cure, low annual costs of treatment of epilepsy and easy availability of anti-epileptic drugs (AED), almost 70-80% of epilepsy patients receive either no treatment or inadequate and inappropriate treatment; most often due to misconceptions, lack of awareness, inadequacies in the health care resources and social stigma.

Dr MM Mehndiratta, Secretary-General, Indian Epileptic Association, and Director, Janakpuri Super Speciality Hospital, spoke about his vast experience as the Ambassador, International League for Epilepsy and presently Vice President International Bureau of Epilepsy, South East Asia, spoke about how such organizations can play a key role in impressing policy decisions towards better Epilepsy management.

Mr Adosh Datta, Secretary, Ekatwam, gave an overview of the grassroots work of the fledgling organization in giving medical supplies to patients and to facilitate their surgeries and diagnostics. He reiterated that while larger initiatives such as EpiCon 2014 put forth a vision to enhance legislative initiatives, self help groups play a key role at the level of person with epilepsy and bring relief to the families.

Dr M Gourie Devi, Senior Consultant-Neurophysiology, Sir Ganga Ram Hospital and S Tarlochan Singh, Chairman, Governing Body, SGTB Khalsa College chaired the inaugural.

In the technical session that followed, Dr Samhita Panda, Consultant, Sir Ganga Ram Hospital, and Dr Ajay Garg, Neuroradiology, AIIMS delved into the primary diagnosis of epilepsy and went across the whole gamut of diagnostics facilities that are available which help



pin point the cause of epilepsy and facilitate the further course of action by the neurologist and neurosurgeon. These included electrography and imaging systems such as EEG, VEEG, PET, SPECT, MRI and MEG. Other blood tests and CSF can also be analyzed to reach the same conclusion or to derive supportive information.

Delving into the world of medications of Epilepsy, Col Prafull Mohan, AIIMS, explored the molecular aspects of epilepsy with presentation where he explained epilepsy may develop because of an abnormality in brain wiring, an imbalance of nerve signalling chemicals called neurotransmitters, or some combination of these factors. These results in excessive firing of neurons may be as high as 500 times per second, much faster than normal. He further discussed the presence of low levels of inhibitory neurotransmitters particularly GABA, or gamma-amino butyric acid that decrease neuronal activity in the brain. Exploring further, he correlated epilepsy in some cases to be associated with defective genes for ion channels, the "gates" that control the flow of ions in and out of cells and regulate neuron signalling. He concluded with the simultaneous urgent need to deal with cognitive impairment which is the most common side effect of several AEDs by using herbal extracts from Zizyphus jujube, Curcumin and Anacyclus pyrethrum.

Dr P Sarat Chandra, Professor, Neurosurgery, AIIMS, who has a long standing experience of over 1000 cases of epilepsy surgery discussed surgery for drug resistant epilepsy as an established procedure to improve the quality of life in patients. He emphasized on the early identification of drug resistance while mentioning that chances of failure with a second epilepsy drug are 70 % following the failure of the first one and can be 95 % for a third drug when the first two failed. While it is important to understand that epilepsy is not a benign disease and may lead to progressive mental retardation (epileptic encephalopathy) it may also enhance the risk of death. Surgery includes either resection or disconnection of the epileptogenic network or focus that can be identified by a proper imaging. He reiterated that surgery is safe (<1% mortality) and highly efficacious (in properly indicated cases may lead to seizure freedom in over 70-90% cases) despite being non-homogenous in patients where it has to be individualized depending on the patient's pathology.

Prof Raman Sankar, UCLA, USA, discussed his views on paediatric epilepsy, in young ones and in adolescents and its consequence in development of the cognitive behaviour. He correlated the animal model studies with epidemiological and scientific investigation to mood related disorders and potential pathology as an underlying cause of epilepsy. He further raised

the concern that in addition to scientific challenge of understanding the patient's etiology, care for children with epilepsy is a multifaceted problem as it affects children and their families. He concluded his lecture with his vision that insurance coverage shall not only be limited to technical support but also social groups and assessment and care for the cognitive, educational, behavioural, and psychiatric needs that may improve quality of life.

Dr. Rosemary Panelli, Australia, in her talk entitled "Psychological Aspects of Epilepsy" further extended on the similar lines discussing the associated superstitions and stigma with epilepsy which may in turn induce fear of social rejection in patients. The label of being an epileptic may redefine an individual's identity and has exerted an ongoing negative influence on community attitudes despite the advancements of medical understanding and research. This leads to discrimination, with disadvantage in education, employment, marriage and family life, housing and income. Other factors influencing psychosocial outcomes and quality of life in epilepsy are depression, anxiety, fear of seizures, risk of injury and death, and the adverse effects of medication. The session concluded with emphasis on the strategies for seizure control, positive patient education, the inspiration of role models, and community wide education which is both epilepsy and culturally specific.

In addition to these major presentations, several other eminent scientists and researchers presented their research that was focused on similar topics. These sessions provided excellent platform for the young students to discuss the current global scenario in management of epilepsy. Students, trainees and fellows presented their research in the poster sessions that were attended by all participants and evaluated.

For the delegates, an epilepsy based quiz was conducted during the evening session. Questions for the quiz were framed from the submitted abstracts and ongoing presentations on the spot simultaneously by Dr Gaganjot Singh (SGTB Khalsa College) and Dr P Sarat Chandra. Dr Raman Sankar played the role of the Quiz Master with élan.

A participative Panel Discussion ensued with Dr Komal Kamra as the moderator. Eight panellists went through a gamut of topics on epilepsy and answered queries raised by the delegates. This was a very engaging session and the best query was given an award.

There were three well presented posters on display which were greatly appreciated for the effort put in by the presenters.

The day ended with the results of the well contested quiz.

On day II, seven concurrent workshops were organized and participation was based on interest cum score in the Quiz. The sessions facilitated by eminent Scientists and Clinicians were as follows:

- I. Genetics of Epilepsy
- II. Cellular and Molecular Basis of Epilepsy
- III. Role of a Support Group for Epilepsy
- IV. Dealing with Children and Special Ones with Epilepsy
- V. Psychosocial Aspects of Epilepsy
- VI. The Science of Anti-Epilepsy Drugs
- VII. Diagnostic Tools in Epilepsy

After 4 hours of intense participative activity, 1-2 presenters from each workshop gave stellar summaries of their workshop activities and a panel of judges had great difficulty in choosing the winners; they appreciated the quality and quantum of work done and the innovative presentations. Prof Raman Sankar, convener of the workshop session, was over-awed by the quality of the workshops and said that he will use international forms to promote such activities as an integral part of seminal activities.

In reflection, conference served as a platform for International researchers to discuss the treatment and management of epilepsy and its related social stigma. The conference inspired young minds from undergraduate courses to embark their independent journey in the field of neurological research. The conference was well attended and everyone enjoyed the hospitality, venue and programs that were held. The conference concluded with a vote of thanks from the organizing secretary Dr Komal Kamra and felicitation of the resource persons by Dr A Covanis.

Administrative support for the conference was provided by Dr Jaswinder Singh, Principal, SGTB Khalsa College, and the Governing Body of the College. Dr Jaswinder Singh addressed the delegates, organizing members of the committee, corporate delegates and young students and research scholars. His vision is to sensitize the young individuals about the epilepsy and spread awareness for the management of epileptic patients and social ostracisms associated with it in India. He emphasized the importance of joint efforts between clinicians and basic researchers to find effective and safer management of epilepsy.

Abstracts from the conference are available at the following url- [www.epicon2014.com](http://www.epicon2014.com).



# National Epilepsy Day 2014

## Jaipur Chapter

Reported by  
**Dr. C.M. Sharma**



On National Epilepsy day 17th November 2014, Jaipur branch of Indian epilepsy Association organized a public education program at the Jaipur Medical Association hall in the SMS Medical college campus. All the local newspapers covered the news about this program on 16th November so that people could attend it.

Approximately 100-150 people participated including patients, their relatives, para medical staff, doctors & journalists, The program was inaugurated by a Person with Epilepsy. The principal & controller of SMS Medical college, Dr.Subhash Nepalia in his inaugural speech told the audience that when he was doing M.D.( Gen.Medicine ) in the year 1980 under Dr. Brij Mohan Sharma they were running Epilepsy clinic for patients of epilepsy and were distributing Tablet phenytoin and tab phenobarbitone to all the poor and needy patients. He praised the efforts of the department of Neurology and especially of Dr.Chandra Mohan Sharma who has been doing this public education program for more than 16 years. Dr.Chandra Mohan Sharma addressed the audience and stated that the Association has decided to celebrate Epilepsy day as International Epilepsy day on 2nd Monday of February every year from 2015 onwards.

Professor Anjani Sharma explained the various types of seizures to the audience. Dr. B.L. Kumawat, Associate Professor of Neurology SMS Hospital, explained about the myths in epilepsy, its causes in

various age groups, precautions during pregnancy and "Do's and Don'ts" in epilepsy. Dr.Trilochan Shrivastava, Associate Professor explained the importance of preventive aspects of the disease. Dr.Dinesh Khandelwal, Associate Professor, addressed the gathering and discussed about general guidelines regarding treatment and side effects of the drugs.Dr. Ravinder Singh, Dr. DeepakJain Assistant Professors and resident doctors of the department also participated in the program. Dr.Raj Kumar Macker from Saket Hospital emphasized the importance of the treatment of Epilepsy. Dr.Dilip Singh Rathore and Dr. Shailesh Dixit of Jaipuria Hospital also shared their expert views on Epilepsy with the audience.

All the consultants of Neurology department and from various other hospitals answered the queries of the patients and their relatives in a question answer session.Many of the patients and their relatives shared their experiences with audience which was useful for the other patients and their relatives.

On this occasion an exhibition of posters in Hindi was organised to explain the details of epilepsy and its treatment. Drawing competition and quiz competition was held among the children with epilepsy and the best five were awarded prizes. School bags, color pencils and drawing boxes were distributed by various pharmaceutical companies. to all the children who attended the program Free anti-epileptic drugs were distributed to patients.



# National Epilepsy Day 2014

## Kochi Chapter

Reported by  
**Dr B Rajendran**



As in the past, IEA Kochi was very active during the National Epilepsy Week around the 17th of November.

To improve reach, this year we decided on Radio as a medium to create epilepsy awareness. Red FM, a very popular channel, carried 30 seconds interviews about various aspects of epilepsy all thru the day.

Dr. Gigy Kuruttukulam, Dr. Mathew Abraham, Dr. K.P. Vinayan and Dr. B. Rajendran, Dr. Arun Grace Roy and Dr. Siby Gopinath were the experts answering questions.

An awareness programme for PWE and relatives was organized at the outreach clinic of IEA Kochi Chapter at Kaithaveli. This was highly interactive and was appreciated by one and all. Dr. Vinayan and

Dr. Rajendran responded to the doubts posed by the patients and relatives.

On the 17th November, The Hindu carried an interview with Dr. B. Rajendran on Medically Refractory Epilepsy and the various alternative options for such cases. An article on epilepsy in children written by Dr. Vinayan in 'Nammude Arogyam' the popular health Magazine in Malayalam was very well received.

A CME was organized under the aegis of IEA Kochi, Indian Academy of Paediatrics, Kerala Association of Neurologists and the Ernakulam Psychiatric Society on the National Epilepsy Day at the IMA Hall.

The topics were Evaluation of first seizure, Neonatal seizures - progress in understanding, Behavioural aspects of childhood epilepsy and Surgical management of childhood epilepsy. The speakers were Dr. B. Rajendran, Sr. Con. Neurologist, Dr. KP Vinayan, Prof. Paediatric Neurology, Dr. Varghese Punnoose, Prof. Psychiatry and Dr. Ashok Pillai, Prof. Neurosurgery respectively. About 100 delegates attended the CME with a lively Q and A session.

We wish to thank M/s. Sun Pharma and UCB Pharma for the support in the conduct of these events.





# National Epilepsy Day 2014

## M.P. Chapter

Reported by  
**Dr. V.V. Nadkarni**



Indian Epilepsy Association M.P. Chapter has been renamed as Indore Epilepsy Visheshagya Association Samiti (IEVAS). We conducted National Epilepsy Day program at Jal Auditorium on 16th November 2014 from 10 AM to 4 PM.

The function was inaugurated by Shri Mukesh Chohan General Secretary Central Govt Employees Welfare Coordination Committee. Shri B.L.Jaju, Chairman & Trustee of Gita Bhawan Trust presided over the function.

President Dr.V.G. Dakwale addressed the gathering with special focus on epilepsy surgery. Dr.V.V.Nadkarni secretary IEVAS presented the annual report 2013 to 2014. Dr.R.K.Jain Medical Director Gita Bhawan Hospital reassured IEVAS about continuous support for our chapter.

Annual New letter of IEVAS M.P. Chapter 2014 was released by the Chief Guest. This was followed by a scientific session on epilepsy. Dr.Ashish Bagdi Neuro physician CHL Hospital spoke on "Epilepsy Diagnosis & Management in adults". Dr.V.S.PAL Prof. of Psychiatry, M.Y.Hospital Indore spoke on "Epilepsy & Psychosocial Issues."

Secretary of the Pragya Mirgi Rog Hospital Gulabpura, Rajasthan, Mr. Ghevarchand Shreemal participated in our function. In his talk he informed that Mirgi hospital in Rajasthan has been distributing free medicines to PWE for last 40 yrs. However, he admitted that many patients & caregivers in the city of Gulabpura Rajasthan have little knowledge about epilepsy. Persons with epilepsy feel that treatment is lifelong & lose all hopes of cure. He was impressed with the educational & public awareness program at our function especially for patient & caregivers. He

expressed his desire of conducting a similar program in his hospital with the help of M.P.Chapter. This is an added feather to our cap as our M.P.Chapter executive members with the team of Neurologists, Neurosurgeons, Psychiatrist; Psychologist & Counselors in epilepsy care have been invited to their hospital to conduct a workshop.

Dr. Jaymala Shah, Yoga Guru, gave a demonstration on Yoga. This session was to create awareness on stress reduction through yoga. The yogasanas were to encourage people with epilepsy, a cultural program including dance performances by Miss Priti Borasi & Mr. Pankaj Parmar who performed excellent solo dance.

A poster exhibition on epilepsy was organized at the venue to create awareness on different aspects of epilepsy. Film on epilepsy by 18th IEC Trust was "Mirgi Sahi Gyan Sahi Samadhan" was screened in auditorium 2.

Creativity in children with epilepsy is best appreciated through drawing & painting for which painting competition was organized for children at the venue & 28 children participated. Talented children were rewarded with certificate of participants & prizes.

Quiz competition on knowledge & facts on epilepsy through a questionnaire was organized for caregivers of patients was organized in which 120 adults participated.

All the members & caregivers of patients received handouts on epilepsy. Free epilepsy camp was conducted in which 94 patients were examined & treated. Antiepileptic drugs were distributed to all the patients in order to promote drug compliance.



# National Epilepsy Day 2014

## Visakhapatnam Chapter

Reported by  
**Dr. G. Butchi Raju**



National Epilepsy Day was organised on 17th November, 2014 at King George Hospital/ Andhra Medical College, Visakhapatnam under IEA, Visakhapatnam Chapter. On this occasion, around seventy patients assembled with their family members and care givers. Children participated in painting & drawing competitions and other board games and prizes are given to the winners. Adults with epilepsy participated in elocution and essay writing.

On this occasion question & answer session on epilepsy was conducted. Prof. Dr. M. Madhusudhana Babu, Superintendent, King George Hospital, Visakhapatnam who is a Neurologist was the Chief Guest on the occasion and spoke on social aspects of Epilepsy. Prof. Dr. G. Butchi Raju, HOD, Neurology Department spoke on Myths on Epilepsy and he was actively supported by Dr. S. Gopi, Assoc. Prof. in clarifying the doubts on Epilepsy by audience. The programme was actively covered by the local media and press.





# National Epilepsy Day 2014

## U.P. Chapter

Reported by  
**Dr Atul Agarwal**



12 Nov- A free Epilepsy camp was organized at Takshila Public School, Beta Gokul, Shahjahanpur Road, Hardoi in collaboration with e chaupal of ITC. A total of 70 patients were evaluated by Dr Atul Agarwal from 9am to 3pm. Before starting,, Dr Agarwal told the gathering about all aspects of disease and answered the questions of audience. Free drugs for 3 weeks were distributed to each patient.

17th Nov- 8.30 am- Dr. Atul Agarwal spoke on Epilepsy on FM All India Radio Lucknow discussing all aspects of Epilepsy, first aid, management and various myths associated with the illness.

19 Nov. 12 noon. CME on Epilepsy was organized at Hind Institute of Medical Sciences, Barabanki. Principal HIMS welcomed the gathering which

included large number of faculty members of other departments. Prof. Mam Chandra, Head of Department of Medicine introduced the topic and the speakers. Dr Vimlesh Kumar Varma, Asstt. Prof. Neurplogy, gave a lecture on Epilepsy, its epidemiology, classification, investigations and general guidelines for management. He made it interesting with videos of different types of epilepsies. Epilepsy Quiz was presented for undergraduate students. Dr Atul Agarwal presented 100 interesting questions related to Epilepsy to audience in KBC style. The first, second and third prizes were given to Gaurav Vats, Kshitiz Chaurasia & Ms Vijeta respectively. Many consolation prizes were given & participation certificates were given to all. (Supported by Abbott Pharmaceuticals).



# National Epilepsy Day 2014

## Tirupati Chapter

Reported by  
**Dr. B. Vengamma**



The main aim of our Branch has been to enhance awareness about Epilepsy and dispel the myths associated with it among the younger generation and people living in rural areas.

1. As part of the National Epilepsy Day 2014 this year we have sponsored THREE persons with Epilepsy to take part in the National Competitions organized by the Epilepsy Foundation of Mumbai in the games of Chess, Carroms and Badminton held on 15th and 16th of November 2014 at Mumbai. Sri P. Saravana who was sponsored for the game of Badminton has been adjudged as the winner and was awarded a Cash Prize during the valedictory function of the foundation held on 16th November 2014.

2. A Survey of Knowledge Assessment on Epilepsy among the students of B.Sc. (Nursing), B.P.T. and Paramedical courses of Sri Venkateswara Institute of Medical Sciences (SVIMS) was conducted during the period 13th to 16th of November 2014. The results of the Survey is being studied by the doctors of the Department of Neurology, SVIMS.

3. A Quiz competition on Epilepsy was conducted for the 1st year MBBS students of Sri Padmavathi

Medical College, Tirupati a constituent college of SVIMS and THREE prizes were awarded to the winners.

4. The 190th monthly camp for persons with Epilepsy was held on 16th November 2014. About 330 patients and 120 patient attendants were present.

5. On that day the students of college of Nursing, SVIMS enacted a SKIT bringing out certain normal problems faced by WOMEN with Epilepsy and the needed medical measures in the presence of the patients and attendants.

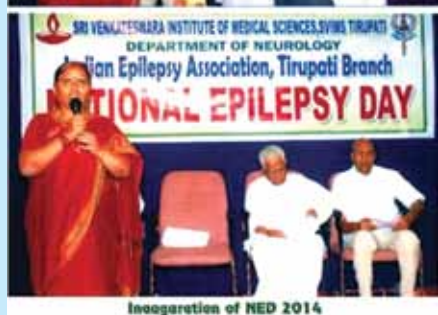
6. An awareness programme with the help of POSTERS was organized for the benefit of Persons with Epilepsy and their attendants.

7. A meeting was also held with Sri G. Munirathnam, Secretary and Sri S. Venkatarathnam, Executive Director of Rastriya Seva Samithi, Tirupati as Guests of honour.

Dr. B. Vengamma, President of the Tirupati Branch of Indian Epilepsy Association, outlined the significance of the National Epilepsy Day.

She also reported about the camps being held for the past 190 months where in One Month's requirement of Medicines are distributed FREE to all the persons with Epilepsy who attend the camp. The Guests of Honor were greatly impressed by the service activities of the Tirupati Branch and assured of all help to sustain and improve the activities of the Branch. The local media covered these events in great detail.

IEA Tirupati is grateful to the IEA - 18th IEC Trust for their partial financial assistance to organize this year programmes.







## 2<sup>nd</sup> Announcement



# WELCOME TO CHENNAI ECON 2015

6<sup>th</sup> - 8<sup>th</sup> FEBRUARY 2015

Taj Coromandel, Nungambakkam, Chennai

16<sup>th</sup> JOINT ANNUAL CONFERENCE  
OF  
INDIAN EPILEPSY ASSOCIATION & INDIAN EPILEPSY SOCIETY

[www.econ2015.com](http://www.econ2015.com)



## REGISTRATION

### Pre Conference Programme Registration

Categories	Early bird Up to 15 <sup>th</sup> Dec 2014	Second cut off Up to 15 <sup>th</sup> Jan 2015	Spot
EA / IES Members	Rs: 1500.00	Rs: 2000.00	Rs: 3000.00
Resident / PG Students	Rs: 1000.00	Rs: 1500.00	Rs: 2000.00
Non Members	Rs: 1500.00	Rs: 2000.00	Rs: 3000.00

### Conference Registration

Categories	Early bird Up to 15 <sup>th</sup> Dec 2014	Second cut off Up to 15 <sup>th</sup> Jan 2015	Spot
EA/IES Members	Rs: 2500.00	Rs: 3000.00	Rs: 4000.00
Non-Members	Rs: 3000.00	Rs: 3500.00	Rs: 4500.00
Resident / PG Student	Rs: 1500.00	Rs: 2000.00	Rs: 3000.00
Non Doctors - IEA Members	Rs: 2000.00	Rs: 2500.00	Rs: 3000.00
Accompanying Person	Rs: 1500.00	Rs: 2000.00	Rs: 4000.00
Foreign Delegates	USD 250	USD 300	USD 500

Payment by demand draft to be in the name of "ECON 2015" payable in Chennai.  
Online registration facility available [www.econ2015.com](http://www.econ2015.com)

**Cancellation policy:**  
30 days prior to event RS 500 deducted  
15-30 days prior 50% deducted  
Less than 15 days No Refunds

**Conference Secretariat:**  
Marundeshwara Enterprises, A2, Shanthi apartments, 18, TTK 1st Cross Street, Alwarpet, Chennai- 600018  
PH : 91 44 24353079, 24328152, 24357194; TELEFAX : 91 44 24320605

Last date for early bird registration : 15<sup>th</sup> December  
Last date for abstract submission : 15<sup>th</sup> December

## Pre Conference Programme - 6<sup>th</sup> February, Friday

(Tentative Programme)

### EPILEPSY UPDATE FOR THE PRACTISING NEUROLOGISTS

DEFINITION OF EPILEPSY - REVISITED - DR. PERUCCA

ROLE OF EEG IN THE EVALUATION OF PAROXYSMAL EVENTS - DR. CHATURVEDI BAHADORE

SEIZURE SEMIOLOGY AND LOCALISATION OF THE EPILEPTOGENIC ZONE - PART 1 - DR. NOCHTAR

SEIZURE SEMIOLOGY AND LOCALISATION OF EPILEPTOGENIC ZONE - PART 2 - DR. NOCHTAR

COMMON EPILEPSY SYNDROMES OF CHILDHOOD - DR. RAMAN SANKAR

STRUCTURAL NEURO IMAGING IN EPILEPSY - DR. KESAVAS

FUNCTIONAL NEURO IMAGING IN EPILEPSY - DR. KESAVAS

LOCALISATION OF SEIZURE ONSET ZONE WITH INVASIVE RECORDINGS - WHEN & WHAT? - DR. KRAGHAKRISHNAN

SEVERE EPILEPTIC SYNDROMES OF INFANCY AND CHILDHOOD ONSET - DR. RAMAN SANKAR

WHAT IS NEW & HOW TO CHOOSE THE AED FOR GENERALISED EPILEPSIES & FOCAL EPILEPSIES? - DR. PERUCCA

ADVANCES IN THE APPROACH TO DRUG RESISTANT EPILEPSIES - DR. JAYANTHI MANI

PHARMACOLOGY (DRUG INTERACTIONS AND ADVERSE EFFECTS OF COMMONLY USED AEDs) - DR. PERUCCA

INTERICTAL SIGNS AND SYMPTOMS OF NEONATAL AND CHILDHOOD SEIZURES - DR. RAMAN SANKAR

INDICATIONS AND PITFALLS IN INTERPRETATION OF CONTINUOUS EEG - DR. NOCHTAR

MANAGING EPILEPSY IN THE ELDERLY - DR. SANUB SINGH

DIFFERENT AND UNUSUAL FORMS OF STATUS EPILEPTICUS - DR. J. M. MURTHY

COMPLIANCE AND DRUG WITHDRAWAL - DR. MY SRINIVAS

NON EPILEPTIC ATTACKS - DR. SANGEETHA RAVIT

GENETIC GENERALISED EPILEPSIES - DR. RAMAN SANKAR

VIDEO PRESENTATIONS & DISCUSSION

## ECON 2015 - 7<sup>th</sup> February, Saturday

(Tentative Programme)

### Session I

08:00-08:20 AUTO IMMUNE EPILEPSIES- DR. SITA AJALAKSHMI  
08:20-08:40 MEG IN EPILEPSY- DR. MANJARI TRIPATHI  
08:40-09:00 BIRTH INJURY RELATED LESIONAL EPILEPSY SYNDROME  
DR. MARY MAYA THOMAS  
09:00-09:30 Q&A  
09:30-10:00 AWARD PAPER SESSIONS  
10:10-10:50 PRESIDENTIAL ORATION - DR. P. SATISH CHANDRA  
10:50-11:30 COFFEE BREAK  
11:30-11:50 PROF. B.M. SHARMA ORATION- DR. EMILIO PERUCCA  
11:50-12:30 DR. B.C. BANSAL AND UMA BANSAL ORATION- DR. SANJEEV THOMAS

### Session II

12:30-12:50 NOVEL APPROACHES IN THE DIAGNOSIS AND THERAPEUTICS OF EPILEPSY  
12:50-13:30 MOBILE APPLICATIONS IN EPILEPSY- DR. LAKSHMI NARASIMHAN  
NOVEL THERAPEUTIC MODALITIES IN EPILEPSY-  
DR. MAN MOHAN MEHNDIRATTA  
13:30-13:55 Q & A  
13:55-14:00 LUNCH  
14:00-15:00 VIDEO PRESENTATIONS (4)  
15:00-15:30 GUEST LECTURE I  
EPILEPSY AND COMMON COMORBIDITIES- WHAT IS THE BIOLOGICAL BASIS?  
DR. RAMAN SANKAR

### Session III

15:30-16:00 GUEST LECTURE II  
EEG IN EPILEPSY - DR. SOHAYL NOCHTAR  
16:00-17:00 FREE PAPER SESSIONS - 2 PARALLEL SESSIONS  
17:00-17:45 POSTER SESSIONS - WALKING POSTERS & TEA  
17:45-18:30 IEA GEM  
18:30-19:00 IES GEM  
19:00-20:30 INAUGURATION & CULTURAL PROGRAMME  
20:30 DINNER

## ECON 2015 - 8<sup>th</sup> February, Sunday

(Tentative Programme)

### Session III

MANAGEMENT OF SEIZURES IN SPECIAL SITUATIONS - SYMPOSIUM  
08:00-08:20 MANAGEMENT OF SEIZURES IN PERSONS WITH INTELLECTUAL AND PHYSICAL  
DISABILITY - DR. K.P. VINAYAN  
08:20-08:40 MANAGEMENT OF SEIZURES IN PERSONS WITH INTRACRANIAL CALCIFICATION -  
DR. GAGANDEEP SINGH  
08:40-09:00 MANAGEMENT OF NEW ONSET UNPROVOKED SEIZURES -  
DR. ASHALATHA RADHAKRISHNAN  
09:00 - 09:10 Q & A

### Session IV

09:10 - 09:50 EEG EPILEPTIFORM ABNORMALITIES IN CHILDREN WITH ADHD AND AUTISM -  
THE CONTROVERSIES  
TO TREAT - DR. LOKESH LINGAPPA  
NEED NOT TREAT - DR. ANAITA HEGDE  
MODERATOR - DR. G. KUMARESAN  
09:50 - 10:00 Q & A  
10:00 - 11:00 CLINICO PATHOLOGIC CONFERENCE  
11:00 - 11:30 COFFEE BREAK  
11:30 - 12:10 SRI. H.C. BAJORIA ORATION - YASHODA WAKANKAR  
12:10 - 13:10 K.S. MANI MEMORIAL PATIENT FORUM  
13:10 - 13:30 VALEDICTORY FUNCTION  
13:30 - 14:30 LUNCH  
14:30 - 16:30 INTERNATIONAL EPILEPSY DAY CELEBRATIONS  
16:30 TEA



# International Epilepsy Day

**Newsletter - December 2014**

## **EPILEPSY IS MORE THAN SEIZURES**

### *Dear Friends*

As 2014 draws to a close, and many of us prepare to take time off to celebrate the festive holidays and the start of the New Year, we thought that this was a good time to take stock of the preparations underway in advance of the launch of International Epilepsy Day around the world on 9th February 2015.

Since the date was agreed mid-year, we have been busy considering ways to best celebrate International Epilepsy Day at international level. At the same time, we are very aware that this is a day for everyone and every organisation, no matter where you are, no matter how small your group or how wide your geographical spread, no matter whether your focus is on the medical or on the social aspects of the disease. We also realise that the way in which The Day is celebrated will vary from region to region, with cultural, geographical and climatic circumstances all impacting on activities.

What we all have in common is the desire to highlight epilepsy and to bring to the attention of the public, professionals and government departments the need for better awareness

and understanding, appropriate legislation, improved diagnosis and treatment services, and increased research in order to better the lives of all those affected by epilepsy.

This is your day, to celebrate how you will. Any activity, no matter how small, when combined with the efforts of individuals, groups and associations around the world, will all impact on how epilepsy is viewed. What you do to mark the day, in your own way, with the resources available to you, will make a difference.

In this newsletter we will tell you about the plans being put in place by IBE and ILAE for International Epilepsy Day. We hope that you will be able to use some of these ideas in your own association and would be happy to help you with any questions you might have.

In the meantime, we would like to take the opportunity to wish you all a Very Happy New Year!

With best wishes

*Sari Tervonen and Ann Little*

## **LOGO**

The competition to find a logo was a great success and, in the end, the logo that stood out was a design submitted by a young man from Indonesia, which was declared the winner.

The designer, Masgustian (who is pictured right), told us that the human silhouettes in the design represent togetherness and a common goal to care for and understand people with epilepsy. "The different colours represent the fact that people of all ages are affected by epilepsy and we must accept it and embrace this diversity," he explained

He is a student at Gadjah Mada University with philosophy as his major subject. "Philosophy teaches me to have a positive and open mind to make a positive change to the people around me".

Although a philosophy student, he has an interest in art, especially graphic design and branding and would like to be a professional graphic and branding designer.





His knowledge of epilepsy came from a young school friend who had epilepsy and who he and his classmates learned to help whenever he had a seizure.

‘There are responsibilities for us to understand what epilepsy is, to give people with epilepsy support, not just material support but also spiritual and moral support. We must educate ourselves about epilepsy and sharpen our sensitivity so that we are more attentive to people with epilepsy. I hope that my logo will inspire us to hand in hand provide social support and improve our understanding about what it is

like to live with epilepsy.’

The logo has already been provided to Members to use on material being created to celebrate the day. Even if you plan only to recognise the day, we would invite you to use the logo on your website on 9th February so that the world knows that the global epilepsy community has an important message to deliver.

**The logo is available in a number of formats for use on websites and in printed materials. Contact Ann Little [ibeeexecdir@eircom.net](mailto:ibeeexecdir@eircom.net), to request image files.**

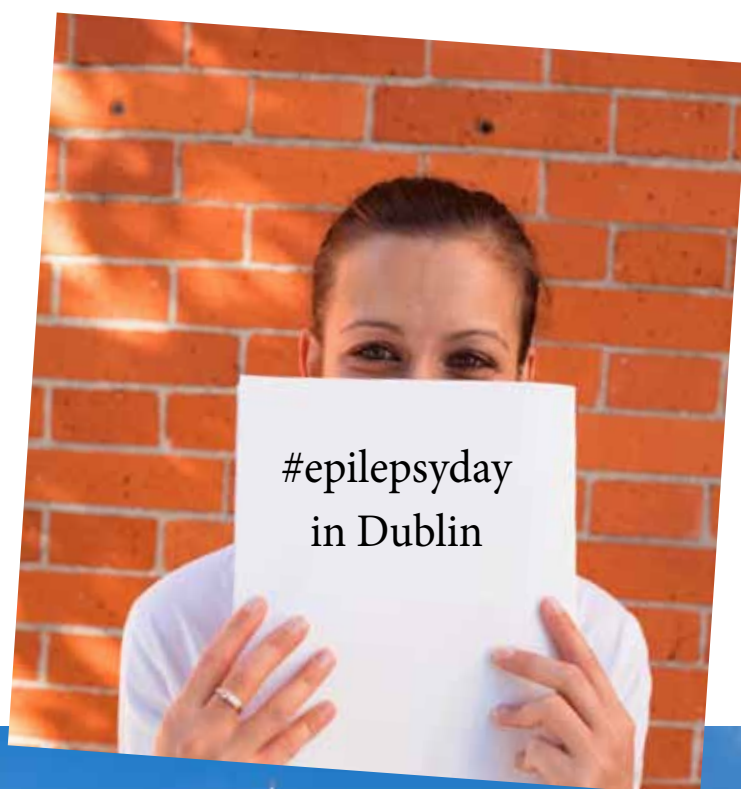
## #EPILEPSYDAY

Social Media is now one of the most important ways of highlighting news and events. Recognising this, a Social Media group was set up to develop social media plans. Thanks are due to the members: Phil Gattone (Epilepsy Foundation), Peter Murphy (Epilepsy Ireland), and Mark Morton (Epilepsy Action UK) who helped us create a very exciting concept. We would also like to thank Jussi Korpimäki and Salla Aatsinki from Finland and Alan Gallagher (IDM office) are also assisting us develop this plan. So, what exactly is this plan?

- **It's really quite simple**

We are inviting everyone to use **#epilepsyday** on social media to generate traffic around International Epilepsy Day. This is a simple hashtag that can be used around the world without the need for translation.

- Another idea, using **#epilepsyday** is to encourage people to have their photo taken on 9th February (by others or as ‘selfies’) holding a card on which is written **#epilepsyday** and the place in which the photo is taken. Even better would be to have a landmark building or view of your city in the background - think Eiffel Tower, Golden Gate Bridge, Sydney Opera House, Taj Mahal, Forbidden City, boat hotel in Singapore, to name a few. Then simply load the photo onto your favourite platforms - Instagram, Facebook etc.
- Camera shy? Then you could attach the card to a famous statue. In Dublin we have Molly Malone; Singapore has the famous Merlion; in Belgium there is the Mannequin Pis.
- You might even consider preparing in advance for this by having some photos taken before the day, ready to upload on the morning of 9th February!





## Benefits Pile Up for Epilepsy Surgery

SEATTLE--For most patients with drug-refractory epilepsy who are eligible for surgical treatment, their outcomes end up better than continuing on medical therapy in most cases, two new studies suggested.

In the first study, which was based on published data from various sources, researchers led by Iván Sánchez Fernández, MD, of Boston Children's Hospital calculated that the average 10-year-old undergoing surgery for drug-refractory temporal lobe epilepsy has a life expectancy of 55.2 additional years -- versus 49.3 years for those managed with drug therapy.

Results were similar for modeled outcomes in patients with extratemporal lobe epilepsy, he reported here at the American Epilepsy Society's (AES) annual meeting, with a nearly 6-year extension in life expectancy with surgical treatment.

A second study by researchers at the Cleveland Clinic, reviewing outcomes of 36 children with Lennox-Gastaut syndrome, found that 15 became seizure-free (shortly after surgery in most cases) and another nine had reductions in seizure frequency in excess of 90%. An additional 10 patients showed reductions of 50%-90%.

Although the study did not have a medically managed control group, senior investigator Ahsan Moosa Naduvil, MD, said at an AES press briefing that these outcomes could not have been achieved solely with drug therapy.

He said the findings were important because it is only recently that children with Lennox-Gastaut syndrome have not been considered candidates for surgical therapy.

Of the 36 patients included in the study, 21 had undergone hemispherectomy while the other 15 had received lobar or multilobar resections. Patients receiving vagal nerve stimulator implants or corpus callosotomy were excluded from the analysis. Mean follow-up was a little less than 2 years, ranging from 6 months to more than 6 years.

The Boston Children's study was a modeling effort using data on mortality in patients with and without refractory epilepsy over their lifetimes, as well as on mortality associated with the surgical procedures usually performed for epilepsy treatment. The model also included data on the likelihood of achieving seizure freedom after surgery and on

recurrence of regular seizures after initially successful surgery, all from previously published studies.

Computer simulations indicated that, for a cohort of 10-year-olds with temporal lobe epilepsy, 92.8% would benefit more from surgery than medical management in terms of overall life expectancy. In other forms of epilepsy, surgery would be optimal for 88%.

Sánchez Fernández said a sensitivity analysis suggested that perioperative mortality rates would have to be about 10% before medical management would become the better option for most patients.

Both studies reinforce what epileptologists have been saying for some time, which is that surgery is a curative option whereas medical management is not, and that surgery should be considered -- and discussed with patients (or their parents) -- when drug therapy is not providing seizure freedom.

Both Moosa Naduvil and Tobias Loddenkemper, MD, senior investigator on the Boston Children's study, said that parents are usually receptive to surgical therapies when offered for their children with drug-resistant epilepsy.

Although there remains a minority of patients who don't benefit from these procedures, adverse effects from surgery are infrequent and parents tend to favor the prospect of cure or near-cure offered with surgery, as opposed to the indefinite daily pill-taking that is medical management.

Loddenkemper noted that perisurgical mortality rates are now at or below 1%, and Moosa Naduvil said that surgery -- even with hemispherectomy, a radical procedure -- seldom leads to cognitive or behavioral impairments relative to baseline. He noted as well that Lennox-Gastaut syndrome and other severe seizure disorders in children have their own adverse cognitive effects, which surgery usually doesn't worsen and can reverse.

*Source: Published: Dec 8, 2014 MedPage Today*

• *Note that this study was published as an abstract and presented at a conference. These data and conclusions should be considered to be preliminary until published in a peer-reviewed journal.*

**By John Gever, Managing  
Editor, MedPage Today**





## Benefits of classical music

Classical music may not be everyone's cup of tea, but its health benefits are worth giving it a listen. According to research, the genre has motivating effects on the mind. As compiled from the Guardian, epilepsy.org.uk, wqxr.org and mindpower.com, here's why you should revel in classical music.

### Fights cancer

According to a study conducted by the Programme Oncobiology at the Federal University of Rio de Janeiro, the Fifth Symphony by Beethoven can cure cancer and restore health. The research comprised an in-depth analysis of the growth and destruction of MCF-7 cells, which are linked to breast cancer. By exposing these cells to the composition, two in five eventually died, which enthusiastically caught up. The study, which began in May 2010, aims at the development of new prospects for cure of malignant tumours using tones and frequencies.

### Enhances mental alertness

A Northumbria University study found that Vivaldi's The Four Seasons, particularly the composition Spring, is beneficial for improving mental attentiveness and endorse a sense of vigilance. It played to test subjects with a lower IQ, those who were considered to be sluggish during tasks and questions, as opposed to the 'control' normal subjects, who responded averagely to general enquiry. The study inferred that the slower test group was able to respond to their tasks faster and more accurately when they were completing the test with Spring playing in the background.

### Battles Epilepsy

Various researchers and doctors have carried out studies to discover how listening to Mozart may have an effect on people with epilepsy. In Taiwan, in 2011, 58 children with focal epilepsy were made to listen to eight minutes of Mozart K448 once a day. They

then had EEG tests done after one, two and six months. For 47 of the children, each EEG test showed a further decrease in epileptiform activity. Further studies have focused on Mozart's music to treat the disease. Doctors at the Centennial Medical Plaza, Aurora, now suggest that listening to Mozart must be included as an additional treatment for people with epilepsy.

### Improves baby's brainpower

Don Campbell, a Mozart Effect guru from Colorado, has trademarked the phrase 'Mozart Effect'. "Mozart's music has an exceptional power of organising and clarifying space-time perception," he says. "But the Mozart Effect is much more than just Mozart. It demands that we look at how auditory stimulation, in the form of music, can improve language development and physical co-ordination as well as reduce stress levels in adults and children," he adds. Campbell's latest book The Mozart Effect for Children, which includes CDs for children, with one specifically designed for the foetus, have topped the \$2million mark as his theories have made their way into educational and health policies. Parents have confirmed it has helped boost their baby's smartness.

### Relieves chronic pain

Classical harmonies can help tune out pain. A British team of researchers was able to reduce the amount of opiates given to people recovering from stomach surgery with a steady dosage of classical music. A study published in the Journal for Advanced Nursing showed that Sonata for 2 Pianos in D Major by Mozart, which is known to cause the 'Mozart effect', helps increase in spatial-temporal reasoning of the brain and numbs pain-inducing neurotransmitters thus, relieving unremitting aches.

*Published in The Express Tribune, December 6th, 2014.*

# Call for the Award Nominations

## 31st International Epilepsy Congress Istanbul 2015

**Ambassador for Epilepsy Awards**

**Social Accomplishment Award**

**Lifetime Achievement Award**

You can access link below to download the nomination forms and the rules and procedures. <http://www.ibe-epilepsy.org/call-for-nominations-ambassador-for-epilepsyaward-2015/>

Please send your nomination to IEA Secretariat by 31 January, 2015.

Sincerely yours,

**Dr. Man Mohan Mehndiratta**

Secretary General-IEA

## Forthcoming Events

### 3rd East Mediterranean Epilepsy Congress Amman, Jordan

**Abstract Submission deadline:**  
**5 January, 2015**

**Early Bird Registration ends 16 January**



### 5th London-Innsburck Colloquium on Status Epilepticus and Acute Seizures London, UK, 9-11 April, 2015

**Early bird registration deadline**  
**12 January, 2015**



The scientific programme of the 31st IEC promises to be innovative and engaging, with a wide range of main and parallel sessions, as well as teaching and video sessions.



The congress is organised jointly by the International League Against Epilepsy (ILAE) and the International Bureau for Epilepsy (IBE).



# Forthcoming Events

## 13th International Course Seizures and Epilepsies in Childhood: Management, Co-morbidities, and adaptation of Guidelines

19-31 July 2015, Venice, Italy

Course Directors : Jo Wilmshurst (South Africa) and Marilena Vecchi (Italy)

Aim of the advanced course is to teach attendees to: (1) recognise the co-morbidities commonly associated with epilepsy, specifically focusing on the behavioural and psychiatric complications (2) understand how international recommendations for the management of neonates and infants with seizures can be adapted at a local level (3) identify the role of advocacy in the care children with epilepsy. (4) address how the reorganisation of the categorisation of epilepsy aids research and affects practice (5) review the effects of antiepileptic drugs on behaviour and cognitive function (6) understand the pathogenesis of status epilepticus in children (7) review the role for epilepsy surgery in children

The course is primarily targeted at neuropediatricians, neurophysiologists, and neuropsychiatrists interested in the pathophysiology, diagnosis and management of epilepsies of childhood, and in research programs implementing in childhood epilepsy. Physicians who are pursuing their training or have recently specialized in pediatric neurology, pediatrics, epileptology or clinical neurophysiology, and PhDs or PhD students are welcome to apply.

The course will be limited to a maximum of 60 applicants to allow an optimal level of interaction with the faculty. Applicants will be selected on the basis of their CVs and consideration will be given to ensure participation of trainees from different geographical origins and disciplines.

Provisional faculty:  
S. Auvin (France), G. Avanzini (Italy), R. Chin (UK), C. Chiron (France), G. Capovilla (Italy), C. Chiron

(France), H. Cross (UK), W. Gaillard (US), T. Granata (Italy), M. Guerreiro (Brazil), R. Guerrini (Italy), H. Hartmann (Germany), S. Moshe (USA), R. Nababout (France), H. Oguni (Japan), V. Puthenveetil (India), P. Samia (Kenya), L. Tassi (Italy), R. Tuchman (US), P. van Bogaert (Belgium), M. Vecchi (Italy), P. Veggiotti (Italy), J. Wilmshurst (South Africa), S. Zuberi (UK)

Registration fee: 2,620.00 eur in single room; 2,420.00 eur in twin-bedded room (VAT and bank expenses included). The registration fee includes: accommodation from Sunday, July 19 to Friday, July 31 (12 nights). Full board and coffee breaks for the entire duration of the course access to the course and to the Venice International University facilities.

### Course Syllabus

Public Boat (vaporetto) season ticket

Financial support covering the registration fee will be available for a limited number of applicants, born after 1973. Candidates who apply for a fellowship covering registration, meals and accommodation expenses must submit a preregistration within January 10, 2015.

Please send application form and attachments by January 31, 2015, to the course secretariat:

Metella Paterlini, [epilepsysummercourse@univiu.org](mailto:epilepsysummercourse@univiu.org), fax +39-02-700445211.

Our mailing address is:

**ISNV - International  
School of Neurological  
Sciences in Venice  
Isola di San Servolo  
Venezia, VE 30124  
Italy**



# Forthcoming Events

## Multidisciplinary meeting on Arranged Matrimony in People with Epilepsy

A multidisciplinary meeting is being held on Sunday, April 19, 2015 under the aegis UCL Grand Challenges initiative at Department of Neurology, Dayanand Medical College & Hospital, Ludhiana. The scientific and social program is given below. Those who are interested in attending this meeting can kindly contact Prof. Rajinder Kumar Bansal at rkbansal@outlook.com

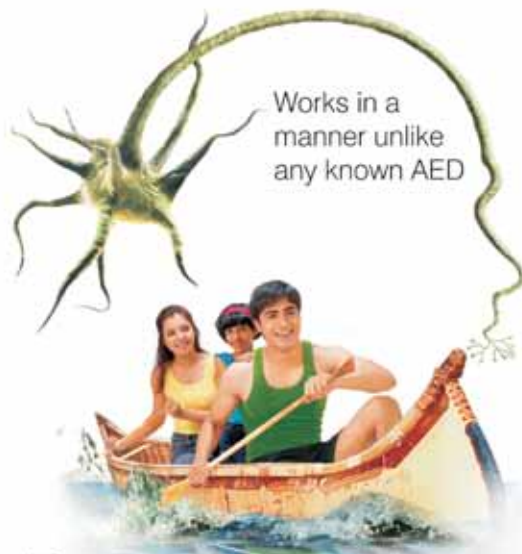
The program is as follows:

Sunday, April 19, 2015; 08:30 AM – 05:00 PM

Board Room, Dumra Auditorium, Dayanand Medical College, Ludhiana

S. No.		Time	
1	Welcome and Introduction	08:30 AM - 08:40 AM	Mr. Pankaj Munjal/ Dr. Gagandeep Singh
2	Corporate social responsibility	08:40 AM – 09:00 AM	To be decided by Mr. Pankaj Munjal
3	Why am I in it	09:00 AM – 09:10 AM	Dr. John Duncan
4	Barriers to marriage in patients with epilepsy - A medical and biological prospective	09:10 AM – 09:40 AM	Dr. Caroline Selai
5	Marital prospects in patient with epilepsy in India: A historical account	09:40 AM – 10:00 AM	Dr. V. S. Saxena
6	Gender discrimination in India	10:20 AM – 10:40 AM	TBD
7	Martial prospects in people with psychiatry disorder	10:40 AM - 11:00 AM	Dr. Renu Addlakha
8	Presentation of survey findings Kerala Mumbai New Delhi Ludhiana	11:00 AM - 11:20 AM 11:20 AM - 11:30 AM 11:30 AM - 11:40 AM 11:40 AM - 11:50 AM	Dr. Sanjeev Thomas Dr. Urvashi Shah Dr. Manjari Tripathi Dr. Gagandeep Singh
9	Discussion of survey findings	11:50 AM - 12:30 PM	Moderators Dr. Caroline Selai / Dr. John Duncan
10	Case based discussion	12:30 PM – 01:00 PM	Dr. M. M. Mehndiratta
11	Patient perspective	02:00 PM – 02:30 PM	Dr. Rajinder K. Bansal/Kavita Shanbag
12	My experience in dealing with marriages in PWE	02:30 PM – 02:50 PM	Yashoda Wakankar
13	Legal issues related to marriage in PWE	02:50 PM – 03:10 PM	Justice Ravindra Bhat
14	From the Police Department	03:10 PM – 03:20 PM	TBD
15	Debate: To disclose or not to ?	03:20 PM – 03:50 PM	Dr. K. Radhakrishnan & Dr. Pravina Shah
16	Marital conflict and satisfaction in PWE: Professional involvement	03:50 PM - 04:10 PM	Dr. Urvashi Shah
17	Are men with epilepsy similarly affected	04:10 PM – 04:30 PM	Dr. Bindu Menon
18	How can we change the public viewpoint ?	04:30 PM – 04:50 PM	
19	Conclusion	04:50 PM – 05:00 PM	Dr. Gagandeep Singh





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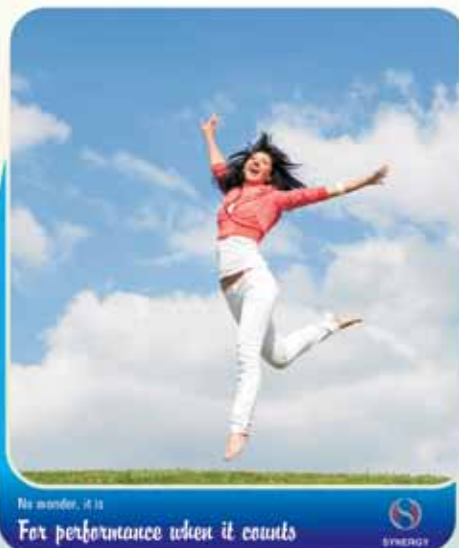
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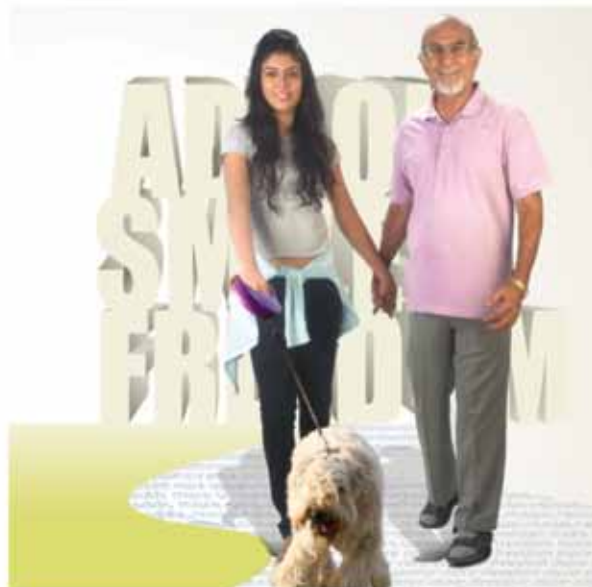


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- Greater response in refractory childhood epilepsies and febrile seizure prophylaxis

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