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**NEUROVIRTUAL**



1st UNIPETE-Neurovirtual course updates doctors and technicians of the neurology area - [Page 3](#)

28th Brazilian Congress of Neurology: Knowledge, Dynamism and Interactivity - [Page 4](#)



Coverage of the  
10th Latin American  
Epilepsy Congress in  
Costa Rica - [Page 7](#)



## American Epilepsy Society Annual Meeting 2018

Neurovirtual attended the 2018 AES meeting, held in New Orleans, LA in early December. Neurovirtual featured the new, multifunctional BWMini II during the event, an update to our popular BWMini product, with sufficient channels to perform extended monitoring LTM studies, PSG type 1 and 2 studies, besides HST functionality. The Neurovirtual management team was available to answer questions, perform demonstrations, and interact with professionals using the devices. New exciting partnerships are rising from this program, and Neurovirtual is excited to have already reserved booth space for the 2019 Annual Meeting to be held in Baltimore, MD from December 6th to the 10th, 2019.

The event was a great success, with symposiums ranging from Network Analysis to Augment EEG Interpretation to Routine EEG in Epilepsy, based on the fundamentals and interpretation, reviewing basic methodologies of EEG and demonstrating typical findings on real-life examples, and the Scientific Symposium.

Losing Sleep Over Seizures: Does Sleep Matter, co-chaired by Dr. Kevin E. Chapman and Dr. Alicia M. Goldman, was an educational symposium discussing the impact of sleep on seizures and epilepsy. The topics included an

overview of sleep and its underlying mechanism as well as talks on sleep and memory, SUDEP, and rodent models. This updated knowledge for basic scientists as well as highlighted the need for adequate sleep in the clinical care of epilepsy patients.

An educational workshop to identify and classify the events on video EEG monitoring and skill enhancement regarding video EEG the special skill required in reading and establishing diagnoses. This workshop on the attractive features of video EEG monitoring, was beneficial for all who attended along with Neurovirtual.



## 55th Argentine Congress of Neurology



The 55th Argentine Congress of Neurology took place from October 30 through November 2, 2018, headquartered at the Sheraton Hotel, Mar del Plata, Argentina. The congress was sponsored by the Argentine Neurological Society (ANS), featuring the presence of foreign lecturers recognized academically by the society.

The main objective of this meeting, which brought together more than 1200 specialists in the area of neurology, was to share knowledge and experiences, and above all to promote the debate of the latest research in this specialty. Therefore, various scientific papers and themes presented were discussed.

Neurovirtual was present on this occasion, and their innovative products were made public to the participants and the marketplace. The BWMini EEG and BWIII EEG Plus devices, which have recently been introduced in the market, have been shown to be competitive, characterized by offering software patented by the brand, designed to facilitate the use of the device to its customers.





# 1st UNIPETE-Neurovirtual course updates doctors and technicians in the area of neurology

The 1st UNIPETE-Neurovirtual course took place on September 22, 2018 at the Golden Tulip Hotel in Brazil. The theme was “Electroencephalography: From routine to monitoring of the surgical center and ICU.” The course gathered 136 participants, including neurologists, neuropediatricians, neurosurgeons, and EEG technicians. The UNIPETE (Epilepsy Research and Treatment Unit) is an institution specializing in research in the field of epilepsy and organized the event together with Neurovirtual.

Dr. Elza Márcia Yacubian is one of the scientific directors of the course, along with Dr. Mirian Guaranha. Dr. Elza Yacubian pointed out that “In recent decades we have witnessed a considerable development with the emergence of a new specialty: the Electroencephalogram in intensive care units, of unique significance in the evaluation of neurological patients in general.” For this reason, it is essential to update professionals in the area of neurology about the electroencephalography novelties. The course offered specific programs for doctors and technicians.



drive with materials and the book, The ABC of an Electroencephalographic Record, by Dr. Elza Yacubian. According to the quality survey conducted with the participants, the course was a success. About 98% of those present would return to future Neurovirtual courses and would recommend them to their professional colleagues.

The participants were also able to learn about the main Neurovirtual equipment, such as the BWIII EEG, BWIII EEG PLUS, BWMini EEG, with an emphasis on the BWIII EEG ICU/LTM. The BWIII EEG Plus ICU Monitoring EEG has the intuitive Brain Monitoring ICU/LTM, and offers the possibility of online medical evaluation (including by mobile devices), customized reports in Microsoft Word, and EEG video editing before stapling, among other functions. Neurovirtual aims to humanize diagnostics worldwide and is proud of its commitment to promote knowledge of EEG and epilepsy.



The physicians present had the opportunity to participate in case studies and classes that addressed basic neurophysiology, the step-by-step in EEG recording, EEG maturation, and electroencephalographic patterns in ICU practice, among other subjects. As for the technicians, they sat in on classes that addressed the record preparation, testing, and attendance of crisis as well as workshops on electrode positioning, according to the 10x20 system, and many other subjects. According to Dr. Mirian Guaranha, “In addition to the theoretical lectures, the technicians had the opportunity to practice in the workshop in a very interactive way and to associate the theory with a simulation of the day-to-day practice.”

All participants of the 1st UNIPETE-Neurovirtual course, received at the end of the course a pen-

**Dr. Elza Márcia Yacubian:** “In recent decades we have witnessed a considerable development with the emergence of a new specialty: the Electroencephalogram in intensive care units, of unique significance in the evaluation of neurological patients in general.”





## 28th Brazilian Congress of Neurology: Knowledge, Dynamism and Interactivity

The 28th Brazilian Congress of Neurology was held from October 11th through the 14th in the city of São Paulo, Brazil with the presence of about 4500 specialists. Among them were students and professionals in neurology, neuropsychiatry, and neurophysiology. This year's edition took place in conjunction with the Pan American Congress of Neurology and the World Congress of Tropical Neurology, which were organized by the Brazilian Academy of Neurology and the World Federation of Neurology.

The congress had activities that emphasized practical knowledge, its application in daily life, case studies, images, and videos, conducted by specialists as well as debates of controversial subjects in the area of neurology. The congress was attended by Dr. Raimundo Nonato Delgado Rodrigues, Adjunct Professor at the University of Brasília (UNB), who presented the lecture "Abnormal Behaviors during REM and Non-REM Sleep: Clinic and Polysomnography" on October 13th.

Neurovirtual was present at the 28th Brazilian Congress of Neurology and presented its main equipment, such as the BWIII EEG, BWIII EEG PLUS, BWMini EEG, and BWIII

EEG ICU/LTM. We highlighted the BWIII EEG ICU/LTM equipment, which performs the customization of protocols for the neuropsychiatric ICU, NICU, stroke and UTI trauma or EEG/LTM video. In addition, the BWIII EEG ICU/LTM makes the EEG data storage in multiple devices and editing the EEG video before stapling.



## Brazilian Sleep Congress in São Paulo

The Brazilian Sleep Congress was held November 30th through December 1st at the Frei Caneca shopping and convention center in the city of São Paulo. The event was conducted by three sister societies: ABS (Brazilian Association of Sleep), ABROS (Brazilian Association of Sleep Odontology) and ABMS (Brazilian Association of Sleep Medicine). It was set in multidisciplinary rooms, which offered an updated view of news in the world of sleep. The board of directors of the congress is formed by Geraldo Lorenzi Filho, President, Cláudia Roberta de C. Moreno, Scientific Director, Andrea Bacelar, President of ABS, Fernanda Martinho Haddad, President of ABMS, and Marco Antônio C. Machado of ABROS.

The event was attended by numerous national and international speakers, including Dr. Ferran Barbé of Spain, Dr. Daniel Cardinali of Argentina, Dr. Gottard D. Tribl of Austria, and Dr. Daniel Pérez Chada of Argentina, all of whom addressed themes such as chronometry, how to diagnose sleep apnea, clinical application of the actigraphy, and the influence of the AOS phenotypes on the choice of treatment, among other topics.

Neurovirtual was present at the event and had the opportunity to present some outstanding equipment, such

as the BWMini PSG and BWIII PSG Plus. BWMini PSG is small and compact and performs PSG Type I, II, III and IV tests. The BWIII PSG Plus has direct impedance check of the built-in amplifier at the bed head. It was certainly an excellent opportunity for Neurovirtual to present high technological solutions in the area of sleep medicine.





Humanizing diagnostics



**New BWMini**  
all-in-one EEG/PSG/HST  
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leading specialist

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## 17th Congress of the Latin American Federation of Sleep Societies (FLASS)

Considered an event of the highest academic level, this year's 17th Congress of the Latin American Federation of Sleep Societies (FLASS) was held at the Intercontinental Hotel in Punta del Este, Uruguay from November 8-11. About 200 experts in the area of sleep medicine gathered at this meeting that was attended by 62 speakers of great recognition who explored different branches of sleep medicine.

Among the topics covered during the congress were the following: obstructive sleep apnea-hypopnea syndrome, central hypersensitivity, excessive daytime sleepiness, restless legs syndrome, insomnia, sleep disorders in pediatrics, and parasomnias.

With the sponsorship of Neurovirtual, a connection workshop was held with the BWMini PSG team, emphasizing the following topics: biological signs, stages of

sleep, and pathologies. Neurovirtual once again stood out in the industry of sleep medicine, confirming its commitment to doctors, technicians, and patients worldwide.



## Symposium On Sleep Disorder Update - Cali

With the support of the Colombian Association of Sleep Medicine (ACMES in Spanish), the Symposium on Sleep Disorder Update was organized on November 23rd and 24th of this year. In addition to the nearly 100 local and national experts, the event was attended by 12 lecturers of the highest academic level. Some of the topics addressed were the new classification of sleep disorders, phenotypes, and pathophysiological mechanisms in obstructive sleep apnea, clinical and diagnostic evaluation of insomnia, sleep study indications, and circadian rhythm disorders.

Exhibitions on parasomnia and sleep deprivation were extraordinary. They were offered by Dr. Lina Tavera, who specializes in neuropediatrics and also has a postgraduate degree in integral sleep medicine. Lina stands out for her assertive and interesting lectures. In addition to the lectures mentioned, she also participated in a workshop with Neurovirtual, in which the BWIII PSG Plus device was demonstrated. Those who attended the workshop participated actively.

Neurovirtual sponsored the event and demonstrated once again its commitment to physicians and patients in

contributing to the development of new technologies that facilitate work and provide safety and quality of life for patients. The BWIII PSG Plus and BWMini HST were two of the devices shown by Neurovirtual, differentiating them from the rest as well as proving how they stand out in the industry.





## 10th Latin American Congress of Epilepsy

The 10th Latin American Congress of Epilepsy was held in San José, Costa Rica, from September 29th to October 2nd, 2018. This meeting, organized every two years, is a joint collaboration of the International Bureau for Epilepsy (IBE) and the International League Against Epilepsy (ILAE), in association with the IBE Chapter in Costa Rica, the Costa Rican Chapter of the International League Against Epilepsy, and the Mexican Chapter of the International League Against Epilepsy (CAMELICE). This conference offered a unique opportunity to meet with the experts in the field of epilepsy. The event brought together more than 500 local, national, and international specialists in the areas of neurology and epilepsy.

The difference in clinical settings was a theme that was reviewed at this event, and how to configure a diagnosis of epilepsy in people presenting with repetitive seizures with no apparent cause.

Neurovirtual, achieving worldwide recognition, stood out above other brands. Their quality and innovative products demonstrate cutting-edge technology with the latest BWMini EEG and BWIII EEG Plus, equipment developed for the diagnosis of various neurological pathologies, highlighting an easy-to-use software for customers.

The event was supported by Dr. Elza Márcia Yacubian, a renowned epileptologist from Brazil, who authored the book, "The ABC of a Good Electroencephalographic Record", and shared copies at the event.





Neurovirtual participates on average in 20 to 30 congresses and conferences in different countries around the globe. Taking our goal to humanize the diagnostic, we pride ourselves in being part of this community and to be able to give our contribution to clinicians and patients.

Below you will find the list of events for 2019, where Neurovirtual will be presenting its solutions to make neurology and sleep diagnostic's more human! We hope to see you there!

**USA**

**American Academy of Neurology Annual Meeting**

Philadelphia, PA, USA  
May 4 – 10, 2019

**SLEEP 2019**

San Antonio, TX, USA  
June 8 – 12, 2019

**American Association of Sleep Technologists (AAST)**

St. Louis, MO, USA  
September 6 – 8, 2019

**American Epilepsy Society - Annual Meeting**

Baltimore, MD, USA  
December 6 – 10, 2019

**BRAZIL**

**XVII Congresso Paulista de Medicina do Sono**

São Paulo - SP  
May 3 – 4, 2019

**XII Congresso Paulista de Neurologia**

Guarujá - SP  
May 29 – June 1, 2019

**XXVII Congresso Brasileiro de Neurofisiologia Clínica**

São Paulo - SP  
August 14 – 17, 2019

**COLOMBIA**

**XI Simposio Actualización Medica**

Bogota, Colombia  
February 1, 2019

**Curso de Avances en Trastornos del Sueño**

Bogota, Colombia  
February 22 – 23, 2019

**XIII Congreso Colombiano de Neurología Infantil**

Manizales, Colombia  
March 22 – 24, 2019

**II Simposio de Semiología en Epilepsia**

Bogota, Colombia  
April 5 – 6, 2019

**MEXICO**

**XXVIII Congreso Anual de la Sociedad Mexicana de Neurología Pediátrica A.C.**

San Luis Potosí, Mexico  
May 15 – 17, 2019

**XXV Congresos Mexicano e internacional de Cirugía Neurológica 2019**

Jalisco, Mexico  
July 8 – 12, 2019

**X Encuentro Nacional de Medicina del Dormir**

Mexico City, Mexico  
August 14 – 17, 2019

**ARGENTINA**

**IV Diplomatura en Medicina del Sueño**

Buenos Aires, Argentina  
March 29, 2019

**Congreso LACE 2019 Liga Argentina contra la epilepsia**

Buenos Aires, Argentina  
September 19 – 20, 2019

**Congreso de la Sociedad Argentina de Neurología Infantil**

Santa Fe Province, Argentina  
October 17 – 19, 2019

**56° Congreso Argentino de Neurología**

Mar del Plata, Buenos Aires, Argentina  
November 19 – 22, 2019

**CHILE**

**X Simposio Internacional de Epilepsias: Encuentro Latinoamericano de Centros de Epilepsia**

Santiago, Chile  
May 16 – 17, 2019

**II Simposio Internacional de Medicina del Sueño**

Las Condes, Chile  
July 4 – 6, 2019

**VII Congreso Chileno Sochimessi**

Santa Cruz, Chile  
October 24 – 26, 2019

**LATAM**

**Diplomatura Latinoamericana En Medicina Del Sueño – Perú 2019**

Universidad Peruana Cayetano Heredia  
May 20 – 1 June, 2019

**VII Congreso Internacional de Neurología, VI Simposio internacional de Neurología**

San Salvador, El Salvador  
October 7 – 10, 2019

**XIX Congreso De La Sen y XVIII Jornadas De La LECE**

Ecuador  
October 7 – 10, 2019

**Contact us:**

Neurovirtual News - 3303 W Commercial Blvd. Fort Lauderdale, FL 33309 - USA +1 (786) 693-8200 info@neurovirtual.com / [www.neurovirtual.com](http://www.neurovirtual.com)

**Designer:** Jessika Brito (jessika@neurovirtual.com.br); **Supervision:** Ed Faria (efaria@neurovirtual.com);

**Contributors:** Sergio Solis (ssolis@neurovirtual.com); Felipe Lerida (flerida@neurovirtual.com).

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