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Neurovirtual participates in annual meeting of the American Academy of Neurology

For the 12th consecutive year, Neurovirtual was present at the annual meeting of the American Academy of Neurology (AAN), one of the world's premier meetings of the sector that gathered more than 14,000 medical specialists and researchers in Philadelphia, Pennsylvania.

The event was an opportunity to share informative seminars on neuroscience, including unpublished studies by international researchers and discussions on current research. Additionally, medical device manufacturers unveiled new products in the area of neurological disorders.

Neurovirtual, represented by account manager Sergio Solis, featured the BWIII EEG Plus ICU/LTM brain monitoring device as well as the ambulatory EEG device, the new BWMini EEG. Both work with the most user-friendly and customizable software available on the market, a fact recognized by the physicians who stopped at the booth. The experts were also impressed with the appearance of the devices, and even more so with its features and functionality.

Because they are present in EEG laboratories around the world, Neurovirtual continuously invests in a software platform that brings together the best technologies and resources, without ever charging its customers for future software upgrades or technical support.

The highlighted lectures in the event's programming were:



"Clinical EEG: Focal, Diffuse, and Epileptiform Abnormalities in Adults," by Katherine Noe MD, PhD, FAAN; "Update in Epilepsy," by

Joseph Sirven MD, FAAN; "Clinical Epilepsy III: Advanced (Status, Beyond AED, Video EEG)," by William Tatum DO, FAAN; "Video EEG: Name That Spell," by Amy Crepeau MD; "Critical Care EEG Monitoring," by Suzette LaRoche MD, FAAN; "Using Sleep Medicine to Help Solve Difficult Neurologic Cases," by Bradley Vaughn MD, FAAN; and "Disordered Sleep in Common Neurologic Diseases: Traumatic Brain Injury, Stroke, and Parkinson's Disease," by LynnMarie Trotti MD.

Today, AAN represents more than 36,000 members and is recognized worldwide for its hard work and dedication to delivering the highest quality patient-centered care. This year marked the 71st edition of the event, and the 2020 meeting is already scheduled to take place in Toronto, Canada.

17th Congress of Sleep Medicine in São Paulo gathers several medical specialties to discuss sleep themes

Quite traditionally, in the medical calendar of the city, the Congress of Sleep Medicine of São Paulo reached its 17th edition on May 3rd and 4th, 2019, highlighting the growth of the specialty in the sector. About 300 experts in sleep medicine and related areas participated in the two-day event, an outstanding opportunity for networking and scientific updates on the main themes related to sleep disorders.

Sleepvirtual was present at the congress for the fourth consecutive year, with a booth already known as a meeting point for renowned doctors and lecturers, among them Dr. Geraldo Rizzo, who conducted the lecture "Restless Leg Syndrome: Evolution and Future Perspectives.. During the event, Neurovirtual presented its Polysomnography Systems BWIII PSG and BWIII PSG PLUS, in addition to the BWMini PSG solution, equipment that performs PSG exams Type I*, II, III, IV and Ambulatory EEG (Holter type). The company also offered a promotion to customers and prospects of a discount coupon 2 of \$5,000.00 for



the purchase of any new equipment. The winner was Dr. Rodrigo Kohler from the Auris Clinic of Otorhinolaryngology in São Paulo. Several topics related to sleep medicine were used during the plenary sessions in response to the wishes of different specialties of the medical profession. Dr. Rosa Hasan, President of the XVII Congress of Sleep Medicine of São Paulo, outlined these topics in the presentation video of the congress: "From sleep in childhood, adolescence, adult and elderly, to insomnia, apnea, sleep disorders and their interfaces with clinical practice, and ending with psychiatry and medical specialties, such as otorhinolaryngology, pneumology, and geriatrics."

Among the conferences, the highlights were "Evolution and future perspectives," by Dr. Geraldo Rizzo, "Differential Diagnosis of Insomnia," by Dr. Andrea Toscanini, "AOS Phenotypes in Polysomnography," by Dr. Rodrigo Tangerina, "Insomnia and Circadian Rhythm Disorders," by Dr. Leila de Almeida, and "How to Optimize the Investigation of Parasomnias, presented by Dr. Stella Tavares.

Based in Fort Lauderdale, Florida, Sleepvirtual has subsidiaries in seven countries and a distribution network in 40 countries, and was represented in the congress by its Clinical Director Sandro Senra, the Business Consultant Alex Ribeiro, and the Marketing Coordinator Jéssika Brito. They interacted with the guests, presented the solutions, and also received feedback, such as the comments from customer Dr. Eduardo Dias de Moraes, from Rio de Janeiro, who reported being very satisfied not only with his equipment (the BWMini PSG) but also with the technical support offered by the company.

Use of Cannabis in the Treatment of Epilepsy in Children

Dr. Orlando Carreño Moreno, Pediatrics and Neurology Professor at Universidad Bolivariana in Colombia, told us that *“three out of ten patients suffer from a type of epilepsy known as difficult-to-control epilepsy, and in them, the medications usually administered do not work, but we have observed that cannabis oil is actually able to control convulsive crises.”*

We already know marijuana has been used for more than 5,000 years as a medicinal treatment (this due to its analgesic and anti-inflammatory power); however, its use has been prohibited because of the occurrences of addiction it has been linked to.

“Science is once again putting its eyes on cannabinoids, given their very high therapeutic value, not only for epilepsy, but also for glaucoma, multiple sclerosis, fibromyalgia, and terminal cancer, conditions which are not responding to conventional medications.”

Is it addictive?

For those wary of its use, let us inform you that cannabis does not equate to marijuana since the therapeutic oil for kids



extracted from the plant is not the same component that is smoked; therefore, it does not generate an addiction. The use of therapeutic oil is not administered the same way recreational use is administered.

“Little by little we are gathering more and more information and research in the world of neurology in regards to cannabinoids. In Colombia, for instance, it is administered orally as oil, and through oral sprays, the latter in adult patients only,” explains Carreño Moreno.

History

Carreño Moreno points out that while the use of cannabinoids with medical purposes has existed for hundreds of years, it was only until 20 or 30 years ago that its use started being taken advantage of in the world medical market, by being tested under a great number of international laboratory tests, which little by little they have passed successfully.

However, there are varied opinions regarding its use, this due to an old belief which directly links this plant to addiction, which in most cases has proven that consumption of it is not the problem the problems and the personality of the person consuming it are.

Its greatest challenge: illegality

“We, pediatric neurologists, know that cannabis oil works against epilepsy, some parents also understand that. But we do not have a medication that has been exclusively produced for the treatment of this condition, so people buy the product illegally,” says Carreño Moreno, speaking about the great challenge they have to face.

Since this is a product that is still considered illegal, there are no controls to regulate its farming, since *“many plants are really bad quality, and may contain pesticides and harmful heavy metals. Some parents, in their desperation to see their kids get better, even have them smoke marijuana. They do whatever is in their hands.”*

It is because of this that *“we have had cases of patients with symptoms of poisoning, and they believe the product is to blame, when in fact it is the wrong administration of the product and not the cannabis oil. In some cases, these are oils that do not even contain cannabinoids. That is, charlatans sell hemp oils, or oils extracted from other plants, and they tell their customers it is cannabis.”*

Another unavoidable problem is related to the high costs linked to this product. Because it is illegal, the product has to be imported from other countries, and even if the patient happens to obtain it in the country, it is still expensive.

We also cannot forget, that many patients suffering from epilepsy come from less privileged communities. *“The black market is the place where most, if not all, patients go to for their cannabis supply. There are still not enough physicians (pediatricians) aware of the benefits of cannabinoids. It is the responsibility of doctors of the medicine programs in every university in Latin America to be abreast of the progress of medicine and of cannabis oil. We cannot wait until someone instructs us,”* concludes the expert.

No doubt there is a lot to discuss on this topic, and fortunately, more and more people are understanding the benefits of cannabis oil for epilepsy. If you had a case which could benefit from this product, would you recommend using it as a therapy?





Two thousand specialists discuss best practices at the 12th Congress of Neurology in São Paulo

The main question that guided the program of the Congress of Neurology held May 29th to June 1st in São Paulo, was: “How to gather a list of information in seeking clinical spectrum outcomes, including diagnosis and treatment, that contributes both



to the neurologist’s professional growth and better care for the patients?”

In its 12th edition, the event brought together about two thousand neurology specialists from all over the country. In the area of exhibitors, Neurovirtual was present with a booth strategically located next to the entrance of the auditorium. The company also promoted its main electroencephalogram equipment, the BWIII EEG PLUS, the BWIII EEG, the BWMini EEG and the BWIII EEG Plus ICU, equipment featuring complete monitoring that has protocol customization for the ICU Neuro, Trauma, or Video EEG/ LTM.

In its second participation in the congress, Neurovirtual’s booth was attended by renowned doctors and lecturers, such as Dr. Mirian Guaranha, who spoke about “Indication and Importance of the Stereo – EEG in the Surgeries of Epilepsy” and Dr. Samir Magalhães, who addressed the theme of “Neuromodulation.” An exciting occurrence took place at Neurovirtual’s booth, the

drawing of a discount coupon worth \$5,000.00 towards the purchase of any Neurovirtual equipment,. Dr. Ana Carolina Zetehaku, Neurologist and Neurophysiologist of São Paulo, was the lucky winner.

The event enabled important spaces for discussions and networking with customers and prospects about future projects, relevant studies, and innovations for the diagnostic area in neurology. In part of the congress, the highlighted subjects were “Epilepsy Comorbidities and EEG,” by Prof. Eliova Zukerman, “Focus on Generalized Epilepsies and Generalized Paroxysms in Focal Epilepsies: the EEG value,” by Dr. Luiz Otávio Caboclo, “Autoimmune Encephalopathies: Diagnosis and Conduct,” by Dr. Renata Barbosa Paolilo, and “Pródromos and Auras in Epilepsy,” by Dr. Elza Márcia Yacubian.

Another highlight of the congress was the APAN (Neurology Association of São Paulo) APP, which enabled participants to share information and to have access to the Neurovirtual Magazine, a trilingual publication of the company, with news, interviews and recent scientific studies in the areas of neurology and sleep medicine.

The team who represented Neurovirtual during the medical congress was composed of Ed Faria, President & CEO; Sandro Senra, Clinical Director; Jéssika Brito, Marketing Coordinator; and Alex Ribeiro, Business Consultant. Coordinator, and Alex Ribeiro-Business Consultant.



XXVIII National Congress of the Mexican Society of Pediatric Neurology A. C. brings together a thousand specialists



The XXVIII edition of the National Congress of the Mexican Society of Pediatric Neurology A. C. brought together about one thousand Mexican and foreign specialists, residents and students from pediatric neurology in the city of San Luis Potosí, Mexico, from May 13th to the 18th.

On the agenda were activities with presentations conducted by high-level scientific and academic experts. Among the topics covered during the conferences were: chronic brain damage, pain in childhood neurological pathology, neuroprotection in newborns, refractory epilepsy, epileptogenic focus detection strategies, and epileptic encephalopathies. The closing of the activities consisted

of a special clinical case workshop, conducted by Dr. Esther Toro from the Vall d’Hebron University Hospital in Barcelona, Spain. Reinforcing its commitment to the theme and the recognition of the brand among the public, Neurovirtual participated at the congress, represented by



collaborators Erika Almazán and Joseph Pardo, who presented the company’s portfolio of solutions in the area of neurology, highlighting specifically Neurovirtual’s BWIII EEG, BWII EEG PLUS and their latest release, the BWMini EEG, a portable device that offers the most modern and compact instrument for electroencephalographic recording at home and bedside environments.



Neurovirtual opens office in Chile, expanding operations in Latin America

Invest and innovate to grow, combining excellence and technology in order to deliver more life quality to people. This is the concept that Neurovirtual has adopted to expand its operations and based on which has won the position of one of the fastest growing companies in Latin America in the market of sleep diagnostics and neurology. Following this commitment, in 2018 the company opened its latest subsidiary in the city of Santiago, Chile.

Throughout its five decades of history, the brand has specialized in the development of medical equipment and innovative solutions in the areas of sleep medicine and neurodiagnosis, always with the purpose of understanding and attending to the demands of the market, respecting the particularities and policies of each country where it operates.

The expansion to Chile, after three years of research and participation in congresses and events in the country, reinforces the commitment of Neurovirtual to broaden the humanized diagnosis worldwide. As a result, it is providing local technology, equipment and state-of-the-art healthcare to renowned health institutions, such as Pontificia Universidad Católica de Chile and Clínica Las Condes.

Experienced authorities in the subject, such as Dr. Vivian Wanner, specialist in sleep disorders, publicly acknowledge Neurovirtual's contribution to the diagnosis and treatment of neurological diseases. For her, the advantages appear from the first contact with the company's device and continue with the support offered by the company. *"The equipment is very friendly, intuitive and easy to use, not only by doctors, but also by technicians. In addition, the 24-hour support service brings a lot of security, not only for us, but also for the nighttime technicians,"* declares Dr. Warner. Check out all the solutions available in the company portfolio in Chile:

Sleep Medicine:

- HST Compass
- BWMini HST / PSG
- BWIII PSG
- BWIII EEG / PSG Plus

Neurology:

- BWIII EEG
- BWIII EEG / PSG Plus
- BWIII EEG Plus ICU Brain Monitor
- BWMini Ambulatory EEG

The Chilean subsidiary is the sixth Neurovirtual subsidiary in the Americas. Neurovirtual has their corporate headquarters in Ft. Lauderdale (USA) and also has units in São Paulo (Brazil); Bogotá (Colombia); Mexico City (Mexico) and Buenos Aires (Argentina).

HST Compass





Neurovirtual is present at the International Epilepsy Symposium, in Chile

The 10th edition of the Latin American Meeting of Epilepsy Centers, hosted in the capital city of Santiago, Chile, was attended by 200 specialists and residents, Chilean and foreign, in addition to 13 renowned speakers from the area of epilepsy. One of the highlighted themes of the program was neurological surgery of cortical dysplasia as an alternative to refractory epilepsy, with a focus on low cortical development, one of the important causes related to the development of epilepsy. Another highlight of the event was the participation of neurosurgeon Dr. Juan Bulacio, a Latin American specialist in the subject, who showed several clinical cases supported by images.

Neurovirtual took part in the event, presenting the electroencephalography equipment line, the BWIII EEG, the BWIII EEG Plus and the BWMini EEG, reaffirming its leadership in quality and technology in the sector. The booth was visited by a few important Chilean specialists, including Dr. Viviana Venegas, Dr. Loreto Ríos-Pohl, and Dr. Monica Gonzales. The Neurovirtual space also had a high flow of visitors and many left the event very interested to know more about the brand and the equipment solutions available in the portfolio.



Advanced Courses in Sleep Medicine - Bogotá

During the last 2 days of the congress, February 22nd and 23rd, the "Advanced Courses in Sleep Medicine" was convened by the Colombian Association of Sleep Medicine (ACMES), an event that brought together 180 experts in the area of sleep medicine, among whom were local national and international specialists. We had the presence of an international speaker and 19 national speakers, who dealt with themes such as pathophysiology of central apnea, SAHOS phenotypes, and phrenic nerve neurostimulation therapy, among other topics of interest.



The diagnosis of SAHOS (Obstructive Sleep Apnea Syndrome) was one of the most prominent themes during the event, when several productive factors were present, such as myofunctional therapy and simplified models, as well as the intervention of dental specialists. and their relationship in sleep medicine. Once again, Neurovirtual demonstrated their commitment to specialists in the sleep medicine area, where they showed the latest technology the company offers within the polysomnography market.

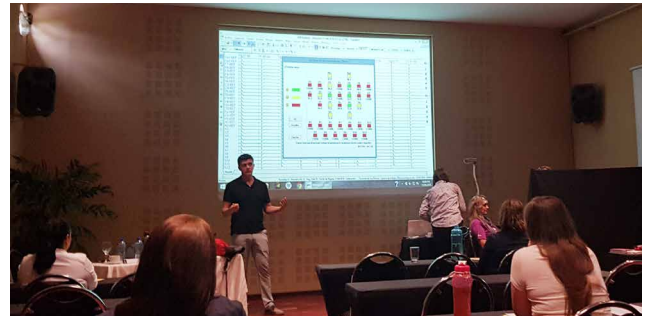




Neurovirtual participates in “Epilepsy Week” in Paraguay

Seeking to eradicate the myths, clarify management procedures and present perspectives on epilepsy, the Paraguayan League for the Fight Against Epilepsy (ILAE) and the Paraguayan Epilepsy Association (IBE) organized “Epilepsy Week,” an extraordinary event held in April of 2019.

Bringing together approximately 200 participants, the week was full of social and cultural activities, combined with scientific sessions and innovative and productive workshops for the audience. Several topics were addressed, such as focal crisis, diagnosis in children, treatments and therapeutic conduct, highlighting the importance of constant updating in healthcare. Represented by Latam Sales Manager Andrea Parra, Neurovirtual participated throughout the week, presenting its electroencephalography line of equipment, highlighting especially the BWIII EEG, BWIII EEG PLUS and BWIII EEG Plus ICU. It was a great opportunity to reinforce the company's leadership in terms of quality and technology in the industry.



Presentation with BWAnalysis EEG / ICU / LTM - Neurovirtual Software.



Dr Walter Camargo - President of the Bolivian Society of Neurology, Andrea Parra - Sales Manager Latam and Jorge Vellachich - Distributor in Paraguay.

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recommended by
leading specialist

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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 diagnostics more human! We hope to see you there!

USA

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

XXVII Congresso Brasileiro de Neurofisiologia Clínica

São Paulo - SP

August 14 - 17, 2019

Congresso Brasileiro do sono

Foz do Iguaçu - PR

December 4 - 7, 2019

COLOMBIA

Curso Internacional de Trastornos del sueño en Pediatría

Armenia, Quindío

August 2 - 3, 2019

Simposio Latinoamericano en Actualizaciones De Medicina De Sueño

Bogota, Colombia

October 11 - 12, 2019

MEXICO

X Encuentro Nacional de Medicina del Dormir

Mexico City, Mexico

August 14 - 17, 2019

ARGENTINA

IX Curso Taller Internacional de Trastornos Respiratorios durante el Sueño y VMNI

Buenos Aires Academia Nacional de Medicina

September 19 - 20, 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

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

LXXIV Congreso de la Sociedad Chilena de Neurología

Puerto Varas, Chile

November 14 - 16, 2019

LATAM

VII Congreso Internacional de Neurología, VI Simposio internacional de Neurología

San Salvador, El Salvador

October 7 - 10, 2019

XXVIII Congreso Internacional de Neurología y Neurocirugía

Punta Cana International Convention Center

October 3 - 6, 2019

XIX Congreso De La Sen y XVIII Jornadas De La LECE

Ecuador

October 7 - 10, 2019

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