

**PRESS RELEASE  
FOR IMMEDIATE RELEASE**

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**FORT LAUDERDALE NEUROLOGIST INSTALLS REGION'S MOST SOPHISTICATED  
DIAGNOSTIC TECHNOLOGY FOR EPILEPSY**

**Neurodiagnostic Equipment Helps Doctor Identify Affected Areas of the Brain for  
Treatment**

**FORT LAUDERDALE, FL (December 14, 2007)** – For the 60,000 to 70,000 South Floridians who experience seizures, the threat to daily living and the mystery of when and why their seizures occur can take its toll.

Thanks to a local neurologist/epileptologist with extensive expertise in medical technology, these people now have the most sophisticated screening equipment for optimal diagnosis available in their own backyard.

Eduardo Locatelli, MD, MPH, former director of the epilepsy program at Cleveland Clinic Florida, has merged the utilization of the latest state-of-the-art technology with his passion for personalized patient care in a new private practice called the Florida Neuroscience Center ([www.floridaneuroscience.com](http://www.floridaneuroscience.com)).

At the Florida Neuroscience Center, Dr. Locatelli first consults with his patients to get a comprehensive determination of their medical history, lifestyle, and frequency of seizures. Some patients are monitored using advanced digital technology in a specialized hospital-based epilepsy monitoring unit. With four beds and the most technologically advanced equipment available, this monitoring unit is the first of its kind in South Florida. Here, Dr. Locatelli records continuous brain wave activity with simultaneous video recording. This sophisticated equipment is utilized to assist the doctor in locating the specific areas of the brain where the abnormalities occur.

A high-resolution neurodiagnostic system manufactured by Nihon Kohden is available in Dr. Locatelli's office as well to assist with certain diagnoses.

"This is a stark difference from the past when pages and pages of EEG measurements would have to be read and compared," says Dr. Locatelli. "In the past, doctors were often unable to make a proper diagnosis because they did not have the ability to consistently monitor a patient over time." Once the paper ran out, that was it. Now, Dr. Locatelli can even connect a patient with a

portable monitoring device that they can wear at home. The data is transferred back to his office for evaluation. This allows Dr. Locatelli to closely monitor the patient in their own environment.

“Our focus is to maintain a center of excellence with a personal touch. While I still offer the traditional one-to-one office visit, my vision is to apply the advances of science and technology to enhance my patients’ quality of life,” said Dr. Locatelli. “To achieve this, I have developed systems in which I am constantly evaluating to improve outcome measures and my Center’s delivery of excellent services. This is what makes my practice unique.”

Dr. Locatelli will open a four-bed epilepsy monitoring unit at Holy Cross Hospital in Fort Lauderdale in January 2008. The brand new unit will house state-of-the-art digital equipment to monitor and assist with the diagnosis of complicated seizure cases while patients stay in a comfortable, medically supervised environment.

### ***About Florida Neuroscience Center***

Located in Fort Lauderdale, Fla., the Florida Neuroscience Center is a state-of-the-art private medical practice specializing in the diagnosis and treatment of epilepsy and other neurological conditions such as headaches and Alzheimer’s disease.

The Center’s founder and medical director, Eduardo Locatelli, MD, MPH, holds triple boards in neurology, neurophysiology, and neuroimaging. He holds a master’s of public health in addition to his medical doctorate degree. Dr. Locatelli has also earned certification as a Six Sigma champion.

Prior to opening the Florida Neuroscience Center, Dr. Locatelli was the director of the epilepsy program, director of medical informatics, and chairman of the ethics committee at Cleveland Clinic Florida. He completed his internship, neurology residency, and fellowship at George Washington University. Additionally, he completed a fellowship at the prestigious National Institutes of Health. He is the co-author of *Locatelli & Singh’s Handbook of Neurology* and many scientific papers.

For more information, visit [www.floridaneuroscience.com](http://www.floridaneuroscience.com).

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