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 and has earned certification as a Six Sigma champion. 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.

Technicians and office staff are specifically trained to work with patients who suffer from epilepsy and disorders that cause seizures. The team’s passion for science and compassion for the patients’ well-being are what makes the epilepsy monitoring unit at Holy Cross Hospital so special.

Eduardo Locatelli, MD, MPH
Medical Director
Epilepsy Monitoring Unit
Holy Cross Hospital

Admissions to the epilepsy monitoring unit are managed by Dr. Locatelli.
To schedule a consultation or refer a patient, call 954-414-9750 or visit www.floridaneuroscience.com.

4725 North Federal Highway
Fort Lauderdale, Florida 33308
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www.holy-cross.com/
www.floridaneuroscience.com

Experts In Your Backyard

The Epilepsy Monitoring Unit

A Brain Center With Heart & Soul
Six facts you need to know:

- Epilepsy is the third most common neurological disorder in the United States.
- Between 100,000 and 120,000 South Floridians, or 1.8 percent of the population, experience seizures annually. This is double the national average.
- Forty to sixty percent of people with persistent seizures or spells do not have epilepsy.
- Epilepsy is a condition that causes the brain to produce sudden bursts of electrical energy that disrupt other brain functions.
- These bursts may affect a person’s consciousness, bodily movements, or sensations for one to three minutes.
- There may be more than 200 mild to severe symptoms that indicate an epileptic seizure, including brief panic attacks, a temporary lapse of memory or numbness, or language disturbance.

Located in the newly renovated fifth floor at Holy Cross Hospital in Fort Lauderdale, the epilepsy monitoring unit houses state-of-the-art digital equipment to monitor and assist with the diagnosis of complicated seizure cases.

While admitted to the unit, a patient stays in a private room under close supervision for an average of three days. Medications are discontinued, and the patient is connected to an electroencephalograph (EEG) machine. Through the continuous monitoring of a patient’s brain wave activity and screening of a patient’s body movements, the doctor can determine whether a patient’s seizures are in fact, related to epilepsy.

Upon completion of the diagnostic process in the epilepsy monitoring unit, Dr. Locatelli can ascertain the presence of epilepsy 95 percent of the time.

Once the correct diagnosis is made, Dr. Locatelli will determine the appropriate intervention, including medication management and surgery options. About 25 percent of those evaluated in the unit are potential candidates for surgery, which can be successful 65 to 90 percent of the time.

“Our number one goal is to make the correct diagnosis of those suspected to have epilepsy. We strive to help our patients achieve a better quality of life to overcome the many challenges of this illness.”

— Eduardo Locatelli, MD, MPH, Medical Director, Epilepsy Monitoring Unit