

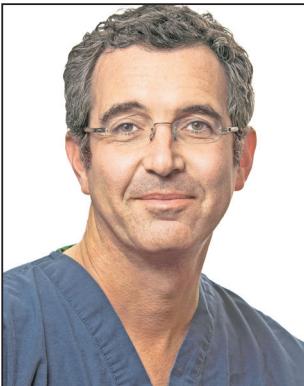
# HEALTH MEMO

## NSPC surgeon performs cutting-edge epilepsy treatment at local hospital

**N**eurosurgeon Brian J. Snyder, M.D., operated on a young man suffering from refractory seizures with a new deep brain stimulation (DBS) technique at a local Long Island hospital. He implanted the Medtronic DBS System for Epilepsy to reduce the frequency of his patient's seizures. Dr. Snyder is a partner and attending neurosurgeon with Neurological Surgery, P.C. (NSPC Brain & Spine Surgery), Rockville Centre, NY, and a fellowship-trained, board certified expert in neuromodulation, surgery for epilepsy, movement disorders, and refractory pain.

Known as bilateral stimulation of the anterior nucleus of the thalamus (ANT), the technique uses electrical impulses delivered by electrodes placed in critical portions of the brain to block the onset of seizures. The electrodes are powered by a battery placed just under a patient's collar bone.

Affecting nearly 50 million people, worldwide, epilepsy is one of the most common neurological diseases. "Studies have shown," observes Dr. Snyder, "that treatments such as deep brain stimulation (DBS) can reduce seizures in epilepsy patients for whom other therapies have failed." An expert in DBS, Dr. Snyder has implanted more DBS systems on Long Island than anyone else.



**Brian J. Snyder, M.D.**

### About Neurological Surgery, P.C. (NSPC Brain & Spine Surgery)

Founded in Freeport in 1958, Neurological Surgery, P.C. (NSPC Brain & Spine Surgery) has grown to become one of the largest, private neurosurgical groups in the U.S. with seven conveniently located offices on Long Island, including offices in West Islip, Commack, Port Jefferson Station, and Riverhead.

The practice's experienced neurosurgeons and interventional neuroradiologists are experts in "Bloodless" brain and spine

surgery, including laser spine surgery, endoscopic spine surgery, ultrasonic spine surgery, radiosurgery, and other advanced minimally invasive techniques which are used to treat brain tumors, brain aneurysms, trigeminal neuralgia, herniated disc, spinal stenosis, chronic back pain, and other conditions. Please visit [www.nspc.com](http://www.nspc.com) to learn more.



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