



Comprehensive treatment protocols rely on collaborative skills.

NUMC's Department of Neurology diagnoses and treats a wide range of neurological problems, including pain, seizure disorders, sensory or memory loss, neuromuscular disorders and more. Once a condition has been diagnosed, our neurologists often partner with colleagues specializing in neurosurgery, physical medicine and rehabilitation, psychiatry and other disciplines. Together, we coordinate services to provide a treatment plan that's suited to a patient's illness *and* lifestyle.

Clinical Staff

Division of Neurosurgery

Dr. Elizabeth Fontana
Director of Neurosurgery

Department of Neurology

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Chairman of Neurology

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Neurology

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Neuroscience Center

NuHealth
Together through life.
Nassau University Medical Center

516.572.3107

Neurosurgery

Nassau University Medical Center provides exceptional care and treatment for a broad range of neurosurgical conditions—including trauma, tumors, and degenerative spine disease. Our operating room is a state-of-the-art facility that's fully equipped to support intricate surgery on both the brain and the spine. In the critical period after surgery, our ICU's post-operative caregivers ensure that patients receive careful and continuous nervous-system monitoring.

What We Treat:

- Traumatic Brain and Spinal Cord Injury
- Hydrocephalus
- Brain Tumors
- Pituitary Tumors
- Spinal Cord Tumors
- Herniated Discs
- Spinal Stenosis
- Spinal Deformities

Types of Treatment:

- Craniotomies
- Spinal Fusion
- Spinal Decompression
- Ventriculoperitoneal Shunting
- Transsphenoidal Resection
- Lumbar Microdiscectomies

What to Expect:

- Thoughtful discussion of your condition and the treatment options available
- Personalized treatment plan
- Access to cutting-edge diagnostic and treatment options

Neurology

NUMC's Department of Neurology provides expert and insightful diagnoses and treatment plans for a variety of adult and pediatric neurological conditions.

We work closely with patients, their families, their primary care physicians and our multidisciplinary support team to evaluate, administer and monitor appropriate treatment plans. Because NUMC is a primary *certified* stroke center, our medical specialists are on call 24/7. From the pre-hospital notification, our ER physicians, neurologists, neurosurgeons, radiologists, cardiologists, internists, rehab specialists and nursing teams, as well as staff members from various disciplines, provide comprehensive care through coordination, collaboration and integration.

Pediatric Neurology

Joining forces with our colleagues in pediatrics, our pediatric-neurologist diagnoses and treats a variety of conditions—including epilepsy, cerebral palsy, ADHD, learning problems, developmental disabilities, movement disorders, pediatric headaches, and more.

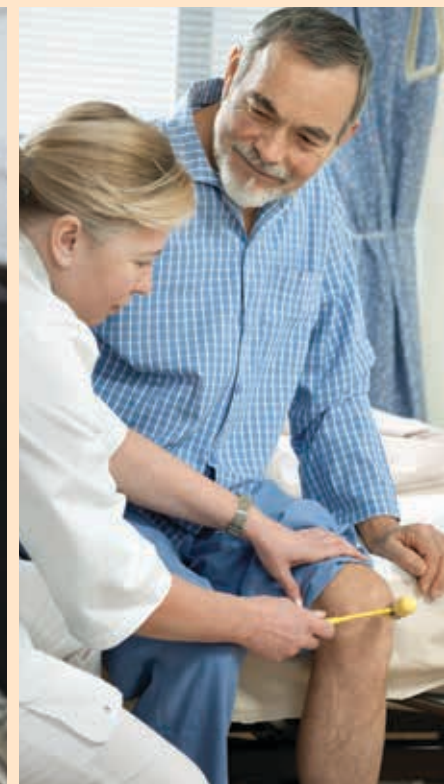
Conditions Treated

Stroke

- *Epilepsy/Seizures*
- *Headaches/Migraines*
- *Parkinson's Disease*
- *Dementia, Alzheimer's, Memory Problems*
- *Movement Disorders*
- *Dizziness*
- *Nerve and Muscle Diseases*
- *Neck and Back Pain*

Neurologic Services

- *EEG*
- *EMG*
- *EP*
- *Neuroimaging - MRI/CAT*
- *Carotid Doppler*



NUMC has been Certified Stroke Center since 2006*, and is a three-time recipient of the Gold Plus Award from American Heart and Stroke Association

*New York State Department of Health

