

Neuroscience at Miami Valley



Miami Valley Hospital (MVH) is a leader in the treatment of neurological/neurosurgical conditions in southwestern Ohio.

Miami Valley Hospital and Wright State University Boonshoft School of Medicine's partnership to create a Neuroscience Institute will be the critical centerpiece for conducting neuroscience research, which will benefit patients with a variety of neurological disorders, and attract funding for advanced biomedical research to the Dayton community.

A Regional Leader

MVH is the only Dayton area hospital to offer 24/7 coverage by neurointerventional specialists for treatment of complex brain conditions such as acute ischemic stroke and aneurysm coiling and stenting. MVH provides a specialized Neuroscience unit including a Neurological Constant Monitoring Unit (NCMU) for its neuroscience patients. Conditions treated:

- 24 hour EEG monitoring
- Acute hemorrhagic stroke
- Acute ischemic stroke
- Alzheimer's
- Back pain with facet and SI joint injections
- Brain tumors
- Carotid artery disease to include endarterectomy and carotid stenting
- Cerebral aneurysms - coiling, stenting and clipping
- Dementia

- Discography
- Guillian barre
- Intracranial stenosis
- Lumbar and cervical laminectomy and fusion, including minimally invasive surgery
- Multiple sclerosis
- Parkinson's disease
- Spinal augmentation
 - Vertebroplasty
 - Kyphoplasty
- Spinal cord injury
- Traumatic brain injury
- Tumor embolization of brain/spine

The MVH Neuroscience team is experienced in treating acute ischemic stroke using thrombectomy, ultrasonic clot busters and other techniques.

Neurointerventional Specialization

It is estimated there are only 300 neurointerventional physicians in the nation. Three of these physicians are at MVH. Conditions treated:

- Arterial dissections
- Arterial rupture/bleeding
- Back and Spinal Neuropathic pain
- Cerebral venous thrombosis
- CNS arteriovenous malformations
- Intracranial aneurysm interventions including endovascular coiling and clipping
- Thromboembolic cerebral ischemia

Call

Angela Black
Service Line Director
Neuroscience
(937) 208-2453
amblack@mvh.org

Neurosciences Department

Miami Valley Hospital
One Wyoming St.
Dayton, Ohio 45409
(937) 208-8000

mvh.org/neuro

To admit a patient to MVH, call The Access & Transfer Center at 1-866-330-3444, 24 hours a day, 7 days a week.



Miami Valley Hospital

Premier Health Partners

The Region's Leader

The Joint Commission has awarded disease specific certification to Miami Valley Hospital (MVH) for Advanced Certification in Primary Stroke. It is the gold seal of approval that differentiates MVH for outstanding, quality care.



MVH has received the 2009 Stroke Care Excellence Award from HealthGrades, placing it among the top five percent of the hospitals in the U.S. for stroke care.

