

The highest level of neurosurgical care for your patients with neurovascular disorders

Indiana University Health Physicians Neurosurgery is dedicated to caring for a full spectrum of adult brain, spine and nervous system conditions. Our unique partnership with Indiana University School of Medicine brings research and surgical expertise as well as new technologies and treatments in neuro-trauma, cerebrovascular disorders and neuro-oncology.

As one of the most comprehensive academic healthcare systems in the Midwest, we utilize a multidisciplinary approach to patient care. Working alongside local providers, we can bring together the support of trauma physicians, interventional radiologists, specialized neurologists, sub-specialized neurosurgeons, cardiovascular specialists, neuro-otology experts and specialized medical and radiologic oncologists ensuring you and your patients receive the highest level of care available.

At IU Health, we have dual-trained endovascular neurosurgeons who are able to recommend the best possible treatment plans for patients. Endovascular neurosurgery is an innovative minimally invasive neurosurgical care for complex vascular brain and spinal cord conditions, this type of neurosurgery is performed from inside the blood vessels of the brain and spine.

Our experienced team cares for the full range of neurovascular conditions, including:

- Stroke
- Aneurysm
- Arteriovenous malformation
- Arteriovenous fistula
- Spinal vascular malformation
- Carotid artery disease
- Intracranial stenosis
- Moyamoya

Endovascular neurosurgery procedures include:

- Carotid artery angioplasty and stenting
- Endovascular coiling
- Thrombolytic therapy
- Cerebral angiography
- Balloon test occlusion
- Intra-arterial chemotherapy infusion
- Pre-operative embolization of brain and spine tumors
- Inferior petrosal sinus sampling

Neurosurgeons



Bradley Bohnstedt, MD

Specialties: Neurosurgery and Endovascular Surgery

Conditions and treatments: Aneurysm, AVM, stroke, TIA, carotid stenosis, spinal vascular malformation, endovascular tumor treatment, robotic spine procedures, spine trauma



Kenneth Moore, MD

Specialties: Neurosurgery and Endovascular Surgery

Conditions and treatments: Aneurysm, AVM, stroke, TIA, carotid stenosis, spinal vascular malformation, endovascular tumor treatment, spine trauma



Jesse J. Savage, MD

Specialty: Neurosurgery and Spine Surgery

Conditions and treatments: Surgical neuro-oncology, brain tumors, pituitary and skull base surgery, cerebrovascular surgery



Mitesh Shah, MD

Specialty: Neurosurgery and Spine Surgery

Conditions and treatments: Spine surgery, pituitary & skull base surgery, minimally invasive surgery, cerebrovascular surgery, brain tumors and aneurysms

Locations

IU Health West Hospital

1111 N. Ronald Reagan Parkway, Suite 238 | Avon, IN 46123

IU Health Neuroscience Center

362 W. 15th St. | Indianapolis, IN 46202

Referral number | **T** 317.963.1300



Indiana University Health

iuhealth.org/neurosurgery