



Indiana University Health | Riley Children's Health

Neurosurgery Physician Directory

Our unmatched expertise and unique partnership with the Indiana University School of Medicine allow us to treat the full spectrum of adult and pediatric neurosurgery patients and give them access to leading-edge treatment of neurological conditions using the latest innovations and techniques in neurosurgery.



Indiana University Health



Riley Children's Health
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When you have patients with neurosurgical conditions, you can rely on the highly skilled teams at IU Health Physicians Neurosurgery and Riley Children’s Health to provide the specialized treatment they need. Our team brings together multidisciplinary expertise and patient-focused and compassionate care, ensuring each treatment is best suited to your patients’ specific conditions. And with our unique partnership with Indiana University School of Medicine, we leverage the latest innovations in neurosurgery to provide your patients with leading-edge, comprehensive care.



IU Health Physicians Neurosurgery is dedicated to providing highly skilled care for patients affected by injuries and illnesses of the brain, spine, nerves and their blood vessels. Multidisciplinary teams of neurosurgeons, neurologists, neuropsychologists, physiatrists, neurointensivists, radiologists, oncologists and other medical specialists work together with our advanced practice providers, nurses, therapists and social workers to provide optimized treatment plants for patients and caregivers.

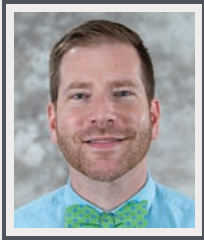


Spinal disorders

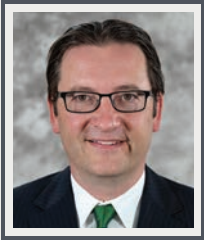
We provide multidisciplinary care for patients experiencing back and neck pain, herniated/ruptured discs, complex degenerative spinal disorders, tethered cord syndrome, tumors, injuries and deformities, including any spinal condition resulting in spinal cord or nerve compression. With one phone call, patients have access to leading specialists trained to design a personalized treatment program that best meets their goals. Our team includes:

IU Health Physicians Neurosurgery

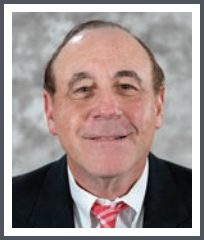
Referral number: **317.963.1300**
Referral fax number: **317.222.2012**
(to request a neurosurgeon)
OR 317.963.7746
(to request any spine provider including neurosurgeons, orthopedic surgeons, pain specialists, physical medicine and rehabilitation)



Jamie L. Bradbury, MD
LOCATIONS: IU Health Neuroscience Center, East Washington



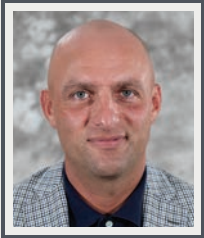
James C. Miller, MD
LOCATIONS: IU Health Neuroscience Center, IU Health West Hospital



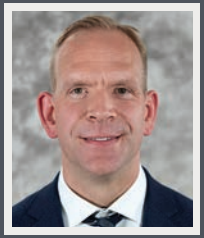
Scott Shapiro, MD
LOCATION: IU Health Neuroscience Center



Brandon Lane, MD
LOCATION: IU Health Neuroscience Center



Jesse J. Savage, MD
LOCATION: IU Health Neuroscience Center



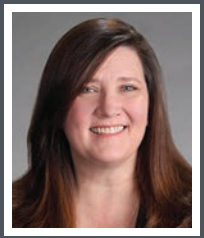
David W. Stockwell, MD
LOCATIONS: IU Health Neuroscience Center, IU Health West Hospital



Chih-ta Lin, MD
LOCATION: IU Health Neuroscience Center



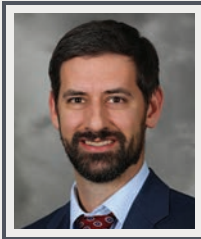
Mitesh V. Shah, MD
LOCATION: IU Health Neuroscience Center



Shelly D. Timmons, MD
LOCATION: IU Health Neuroscience Center

Neurooncology

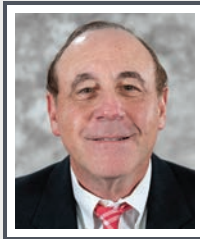
With leading-edge surgical techniques and state-of-the-art equipment, including frameless stereotactic navigation, intraoperative imaging, fluorescence guidance, O-arm and neurophysiology/neuromonitoring services, our tumor program is committed to providing safe tumor resection, with the goals of retaining maximal brain functions with the least risk of complications. Our team includes:



Bradley N. Bohnstedt, MD
LOCATION: IU Health Neuroscience Center



James C. Miller, MD
LOCATIONS: IU Health Neuroscience Center, IU Health West Hospital



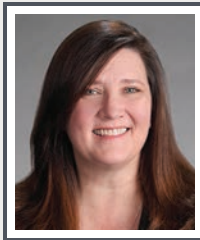
Scott Shapiro, MD
LOCATION: IU Health Neuroscience Center



Aaron Cohen-Gadol, MD, MBA, MSc
LOCATION: IU Health Neuroscience Center



Jesse J. Savage, MD
LOCATION: IU Health Neuroscience Center



Shelly D. Timmons, MD
LOCATION: IU Health Neuroscience Center



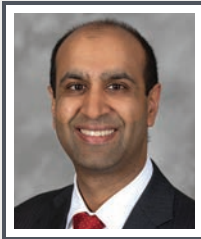
Chih-ta Lin, MD
LOCATION: IU Health Neuroscience Center



Mitesh V. Shah, MD
LOCATION: IU Health Neuroscience Center

Neuromodulation and functional neurosurgery

The functional neurosurgery specialists in the Department of Neurological Surgery provide state-of-the-art surgical care and radiosurgery for epilepsy, movement disorders, idiopathic cranial nerve disorders, intracranial tumors, spasticity and pain. Procedures such as deep brain stimulation, neurostimulation and sophisticated seizure monitoring with implanted grids and electrodes to identify seizure foci for resection are used by our team.



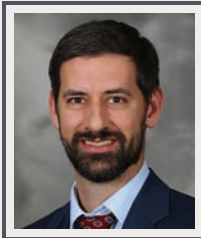
Kunal Gupta, MD, PhD
LOCATION: IU Health Neuroscience Center



Thomas C. Witt, MD
LOCATION: IU Health Neuroscience Center

Neurovascular surgery and stroke

Our vascular neurosurgeons specialize in blood vessel abnormalities of the brain and spinal cord, such as stroke, brain aneurysms and arteriovenous malformations. Treatment is personalized for each patient by choosing from the most advanced medical, endovascular and surgical treatments, including expertise in Gamma Knife radiosurgery. Our team includes:



Bradley N. Bohnstedt, MD
LOCATION: IU Health Neuroscience Center



Robert F. James, MD
LOCATION: IU Health Neuroscience Center



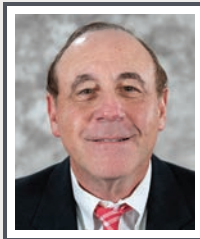
Mitesh V. Shah, MD
LOCATION: IU Health Neuroscience Center



Aaron Cohen-Gadol, MD, MBA, MSc
LOCATION: IU Health Neuroscience Center



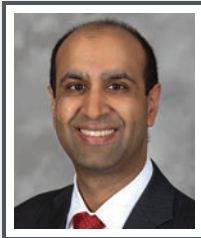
Brandon Lane, MD
LOCATION: IU Health Neuroscience Center



Scott Shapiro, MD
LOCATION: IU Health Neuroscience Center

Peripheral nerve surgery

Disorders of peripheral nerves, such as carpal tunnel syndrome/median neuropathy, cubital tunnel syndrome/ulnar neuropathy, tarsal tunnel syndrome, brachial and lumbosacral plexopathies, neurogenic thoracic outlet syndrome, peripheral nerve injuries, reconstructions and transpositions, and peripheral nerve tumors are treated by our neurosurgeons. Peripheral nerve and muscle biopsies are also performed upon referral.



Kunal Gupta, MD, PhD
LOCATION: IU Health Neuroscience Center



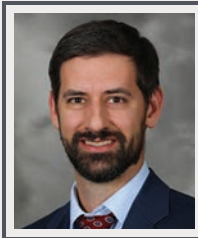
Shelly D. Timmons, MD
LOCATION: IU Health Neuroscience Center

Referral number: 317.963.1300
Referral fax number: 317.222.2012
Emergency Transfer Center:
Number: 877.247.1177
Fax: 317.968.1000



Neurotrauma

The neurosurgery, neurocritical care and trauma surgery teams are dedicated to providing Indiana residents with expert trauma care at its Level I Trauma Center at IU Health Methodist Hospital. Faculty neurosurgeons manage mild to severe traumatic brain injury, spinal cord injury, spinal column trauma, blunt vascular injuries and peripheral nerve trauma, including brachial plexus injuries. Care is provided both acutely and over the long-term.



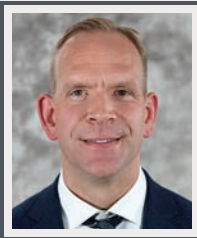
Bradley N. Bohnstedt, MD

LOCATION: IU Health Neuroscience Center



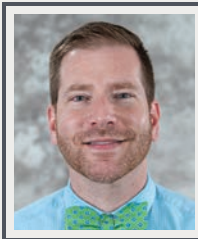
Brandon Lane, MD

LOCATION: Eskenazi Health



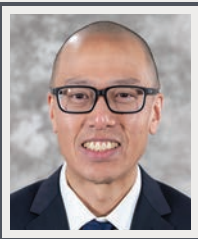
David W. Stockwell, MD

LOCATIONS: IU Health Neuroscience Center, IU Health West Hospital



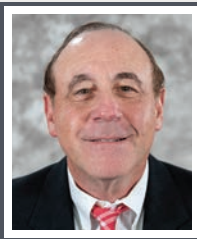
Jamie L. Bradbury, MD

LOCATIONS: IU Health Neuroscience Center, East Washington



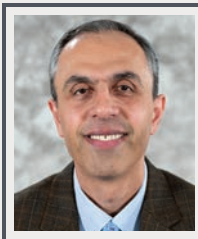
Chih-ta Lin, MD

LOCATION: IU Health Neuroscience Center



Scott Shapiro, MD

LOCATION: IU Health Neuroscience Center



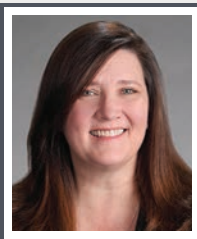
Aaron Cohen-Gadol, MD, MBA, MSc

LOCATION: IU Health Neuroscience Center



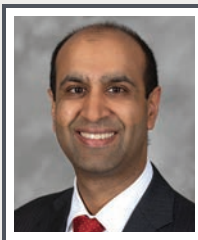
James C. Miller, MD

LOCATIONS: IU Health Neuroscience Center, IU Health West Hospital



Shelly D. Timmons, MD

LOCATION: IU Health Neuroscience Center



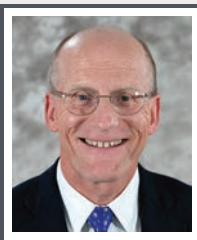
Kunal Gupta, MD, PhD

LOCATION: IU Health Neuroscience Center



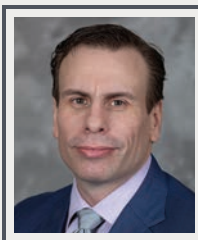
Jesse J. Savage, MD

LOCATION: IU Health Neuroscience Center



Thomas C. Witt, MD

LOCATION: IU Health Neuroscience Center



Robert F. James, MD

LOCATION: IU Health Neuroscience Center



Mitesh V. Shah, MD

LOCATION: IU Health Neuroscience Center

Referral number: **317.963.1300**
Referral fax number: **317.222.2012**
Emergency Transfer Center:
Number: **877.247.1177**
Fax: **317.968.1000**

Riley Children’s Health neurosurgery



Ranked in the Top 25 by *U.S. News & World Report*, Riley Children’s Health pediatric neurosurgery offers you and your patients an unmatched level of expertise and resources. With access to advanced technology and research through the IU School of Medicine, you can trust Riley Children’s Health to provide comprehensive pediatric neurosurgery care that changes everything.



Laurie L. Ackerman, MD

CLINICAL INTERESTS:
Chiari surgery
Craniofacial surgery/craniosynostosis
Hydrocephalus | Pediatric congenital brain and spine anomalies, including dysraphism and spina bifida
Traumatic brain injury/concussion

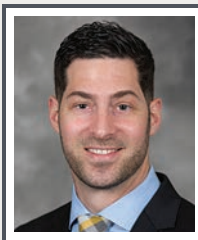
LOCATION: Riley Hospital at IU Health



Karl E. Balsara, MD

CLINICAL INTERESTS:
Pediatric brain tumors
Minimally invasive brain tumor surgery
Skull base surgery

LOCATION: Riley Hospital at IU Health



Jeffrey S. Raskin, MD, MS

CLINICAL INTERESTS:
Functional neurosurgery
Minimally invasive epilepsy surgery
Movement disorder surgery
Endoscopy

LOCATION: Riley Hospital at IU Health

A national leader in pediatric neurosurgery

As one of the nation’s largest and most experienced multidisciplinary neurosurgery programs, the highly skilled Riley Neurology team focuses on treating and managing the full spectrum of complex brain, spine and nervous system conditions in children of all ages, from infants to young adults. We routinely treat the most complicated issues such as intractable epilepsy, skull and spine deformities, scoliosis, neurotrauma, congenital conditions such as spina bifida, including myelomeningocele, and benign and malignant tumors.

Riley Hospital for Children at IU Health

705 Riley Hospital Drive
Indianapolis, IN 46202

IU Health North Hospital MOB

11725 N. Illinois St., Suite 450
Carmel, IN 46032

Scheduling number: **317.944.6201**
IMACS number: **317.916.3500 | 800.622.4989**
Fax number: **317.968.1482**



IU Health Neuroscience Center

Goodman Hall
355 W. 16th St., Suite 5100
Indianapolis, IN 46202

IU Health West Hospital

1111 N. Ronald Reagan Parkway
Avon, IN 46123

East Washington

9650 E. Washington St., Suite 100
Indianapolis, IN 46229

Referral number: **317.963.1300**
Referral fax number: **317.222.2012**



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Fax number: **317.968.1482**



Indiana University Health

A private, nonprofit organization, Indiana University Health is Indiana's largest comprehensive health system and is comprised of hospitals, physicians and allied services dedicated to providing preeminent care throughout Indiana and beyond. Our unique partnership with Indiana University School of Medicine gives our highly skilled physicians access to innovative treatments using the latest research and technology.

iuhealth.org



Riley Children's Health

Indiana University Health

Riley Children's Health is Indiana's only full service statewide pediatric health system. Riley Children's Health offers complete, comprehensive pediatric care ranging from routine primary care checkups to the most complex acute care needs from highly skilled pediatric specialists. The system connects patients with 200 primary care and 400 specialty care physicians in 19 communities across the state of Indiana. Riley Physicians treat patients in their home communities, bringing top-notch care close to home. This statewide network is an extension of Riley Hospital for Children at Indiana University Health, one of the nation's leading children's hospitals.

rileychildrens.org

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