Ascension
St. John

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For more information, please scan:

Neurosurgery services

Ascension
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Ascension St. John Neurosurgery

The Ascension St. John Neurosurgery program leads the region's brain, spine and central nervous system services. We provide complex brain health and tumor care along with novel treatments for arteriovenous malformations, aneurysm and stroke interventions. Ascension St. John neurosurgeons specialize in comprehensive micro-surgical and endovascular treatment of cerebrovascular disease. In collaboration with our ENT and Plastic Surgery teams, we offer traditional skull base, novel minimally invasive endoscopic and keyhole approaches for complex tumors.

Multi-specialty approach

Ascension St. John Neurosurgery quality outcomes are supported by an integrated, multidisciplinary team, including neuro-ophthalmology, neuro-oncology and radiation oncology; endocrinology, neuro-monitoring, neurology, radiology, general surgery, trauma, orthopedic surgery, and unique to the region — a neurocritical care team.

Ascension St. John neurosurgeons also specialize in medical, surgical and radiation-based approaches to primary and metastatic brain and spinal pathologies. Our leading innovations include minimally invasive surgery, robotic-assisted technology, 3D brain mapping, and deep brain stimulation (DBS).

Our multidisciplinary care teams and nurse navigator ensure patients receive coordinated resources for medical management, rehabilitation and support.

Neurosurgeons

Tyler S. Auschwitz, MD

Dr. Auschwitz is a board-certified neurosurgeon. He received his medical degree from Louisiana State University and completed a neurosurgery residency at the University of Tennessee. He also completed a skull base fellowship in Sydney, Australia, and a neuro-endovascular fellowship at the University of Tennessee Semmes-Murphey Clinic in Memphis.

Dr. Auschwitz joined Ascension St. John in 2015. His specialties are focused on disorders of the spine, as well as cerebrovascular diseases; movement disorders; peripheral nerve disorders; brain tumors; and spinal tumors. Dr. Auschwitz currently serves as the Medical Director of Brain and Spinal Oncology at Ascension St. John.

Yashar Kalani, MD

Dr. Kalani is a board-certified neurosurgeon. He received his medical degree from Stanford University and completed his residency at Barrow Neurological Institute. He also completed a skull base fellowship in Sydney, Australia; and a neuro-endovascular fellowship and a complex spine fellowship at Barrow Neurological Institute.

Dr. Kalani joined Ascension St. John in 2020. His specialties and expertise include cerebrovascular and skull base surgeries; degenerative spine disorders; movement disorders; trauma, and disorders of peripheral nerves.

Thomas F. Rapacki, MD

Dr. Rapacki is a board-certified neurosurgeon. He received his medical degree from the Uniformed Services University, and completed his neurosurgery residency at Walter Reed Army Medical Center.

Dr. Rapacki joined Ascension St. John in 2005. He has over 25 years of experience treating brain tumors; spinal tumors; degenerative disorders of the spine; spinal cord stimulation; brain and spine trauma; and disorders of peripheral nerves.

Neurosurgery services

- Brain and spinal tumors
- Brain and spinal vascular malformations
- Brain and spinal trauma
- Cerebral angiograms
- Stroke interventions
- Intracranial aneurysms
- Moyamoya surgery
- Cerebral artery dissection
- Carotid artery disease
- Vertebrobasilar artery disease
- Pituitary tumors
- Surgical treatment for Parkinson's and essential tremor (DBS)
- Complex spine disorders
- Neck fusion, spinal fusion
- Herniated discs
- Back and neck pain
- Peripheral nerve surgery
- Spinal cord stimulator placement/replacement