

Neurosurgery OR

Discover the diverse array of conditions and procedures at Kettering Health Neurosurgery OR Team. Our dedicated neurosurgical team is committed to providing exceptional care with the latest advancements in minimally invasive technology. Explore the comprehensive list of neurosurgical specialties offered, where each procedure is conducted with a high level of personalized and compassionate attention. Join our team and contribute to cutting-edge research and techniques in the field of neurosurgery.

Conditions We Treat

Spine

- Degenerative disc disease
- Facet disease
- Herniated discs
- Sacroiliac joint pain
- Scoliosis correction
- Spinal cord tumors
- Spinal fractures
- Spinal stenosis
- Spondylolisthesis
- Posterior, lateral and anterior

Neurosurgery

- Epilepsy
- Facial pain
- Hemifacial spasm
- Metastatic brain tumors
- Neuromas
- Parkinson's disease and movement disorders
- Primary brain tumors
 - Acoustic neuromas
 - Meningioma
 - Pituitary tumors
 - Schwannomas
- Skull base tumors
- Trigeminal neuralgia
- Aneurysm clipping

Technologies Used

- Insightec MRI guided Focused Ultrasound
- Brainlab and Medtronic computer-assisted brain and spine surgery navigation
- Gamma Knife radiosurgery
- Neuroplate—Laser interstitial thermal therapy

Partial List of Complex Procedures

- Complex spine surgery
- Spinal Cord stimulators
- Pituitary tumor surgery
- Awake craniotomy for tumor resection
- Deep Brain stimulator implantation for epilepsy and movement disorders