

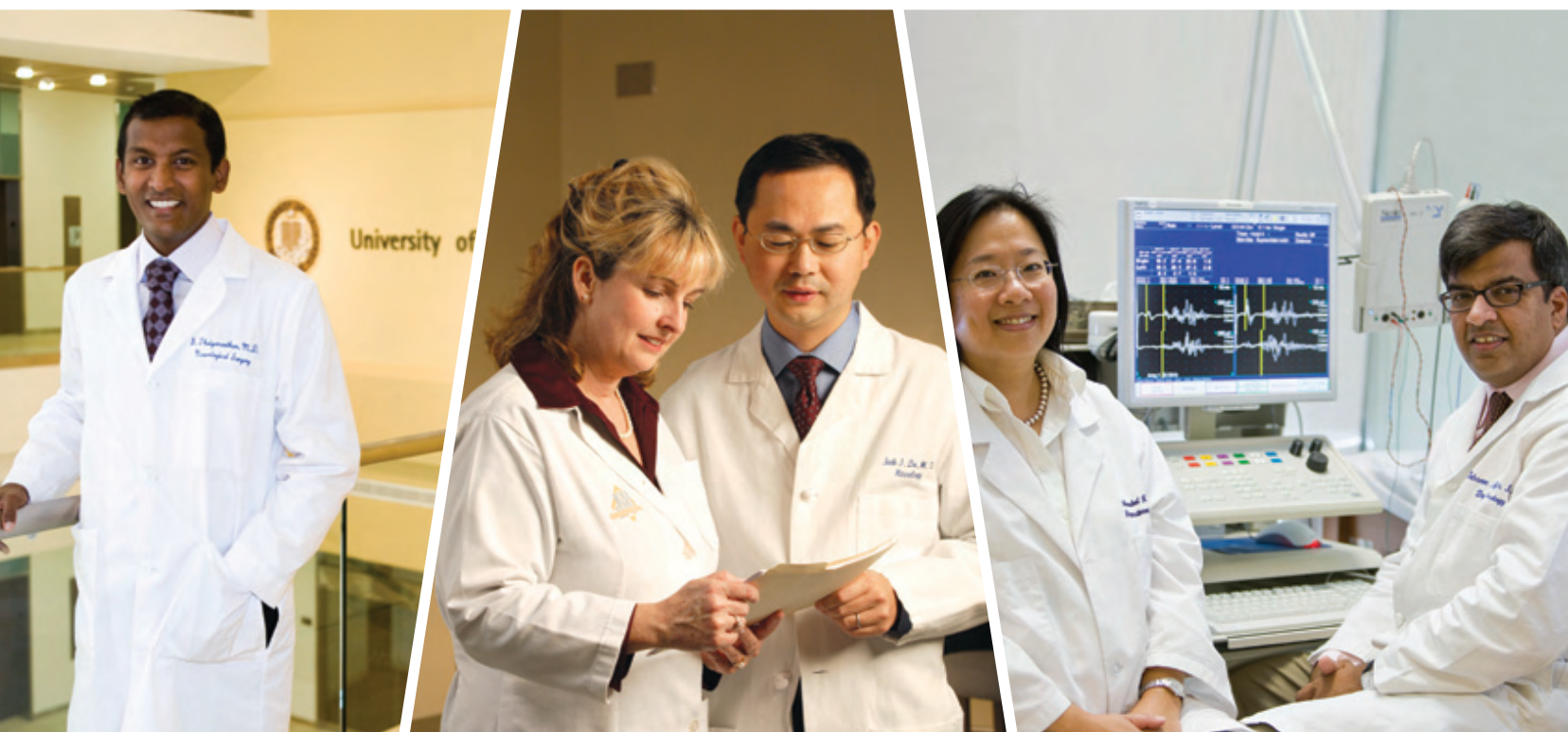
OPENING DOORS

Neurosciences



UC IRVINE STROKE & CEREBROVASCULAR CENTER

Disorders of the brain and nervous system are complex and challenging. The subspecialty-trained neurologists and neurosurgeons of UC Irvine Healthcare work collaboratively across multiple disciplines to provide innovative and comprehensive care. Additionally, neuroscience research at UC Irvine is leading to new treatments for neurological disorders such as brain tumors, stroke, spinal cord injury, epilepsy, dementia, multiple sclerosis and neuromuscular diseases.



Comprehensive Neurosciences Programs

- **Comprehensive Brain Tumor Program** – One of only three comprehensive brain tumor programs in Southern California, UC Irvine provides patients with brain and spinal cord tumors treatment by a multidisciplinary team offering leading-edge therapies such as stereotactic radiosurgery, radiotherapy and advanced surgical techniques. Targeted chemotherapy and innovative therapies, including immunotherapy, vaccines and small molecule inhibitors, are offered.
- **Comprehensive Epilepsy Program** – Designated as a Level 4 epilepsy program by the National Association of Epilepsy, UC Irvine offers patients with complex cases advanced monitoring in the epilepsy monitoring unit in University Hospital. Innovative treatments include specialized neurosurgery and electrical stimulation.
- **Comprehensive Spine Program** – As the only spine program in Orange County that addresses both surgical and nonsurgical treatments for back and spinal disorders in one location, UC Irvine offers a comprehensive approach that combines expertise and treatment options from neurosurgery, orthopaedic surgery, neurology, radiology, anesthesiology and interventional physiatry.
- **Movement Disorders Program** – Sophisticated diagnostic and treatment techniques, including deep brain stimulation, are available for patients with Parkinson’s disease and other movement disorders.
- **Stroke and Cerebrovascular Center** – UC Irvine’s center was one of the first in the U.S. to be certified for stroke care by The Joint Commission. The stroke team is available 24/7 to provide immediate treatment to stroke patients and thereby decrease neurological complications.
- **UC Irvine-MDA ALS and Neuromuscular Center** – The center is one of only 36 in the nation designated by the Muscular Dystrophy Association. Physicians treat amyotrophic lateral sclerosis (ALS or Lou Gehrig’s disease) and other neuromuscular conditions.

Other Specialty Neuroscience Services

- Cranial Nerve
- Dementia
- Headache
- Multiple Sclerosis
- Neurodiagnostics and Intraoperative Monitoring
- Neuro-Ophthalmology
- Neurotrauma
- Normal Pressure Hydrocephalus
- Sleep Medicine

UC Irvine’s University Hospital is home to state-of-the-art technology. The only intraoperative MRI

in Orange County is located in the leading-edge neurosurgical operating suite, along with advanced microscopes and image-guided navigation systems to assist neurosurgeons. Advanced intraoperative electrophysiology monitoring is available to ensure safe surgical outcomes.

Unique to Orange County, University Hospital has a full spectrum of dedicated inpatient neuroscience units, including a 12-bed neuroscience intensive care unit and a 35-bed monitored unit, all staffed with highly trained neuroscience nurses.