ABOUT CNS

THE CENTER FOR NEUROSCIENCES is home to Southern Arizona’s largest and longest standing group practice dedicated to the treatment of neurological disorders. Our aim is to provide the highest-quality neurological care—the same level of care we would want for ourselves or our loved ones.

The physicians, nurses and entire staff of the Center for Neurosciences work together to provide the best possible care for every patient whether that is the medical management of the patient’s condition, state-of-the-art surgery or a promising clinical study.

**Neurosurgery**
- Thomas F. Norton, MD
- Kurt A. Schroeder, MD
- Abhay Sanan, MD
- Brian P. Callahan, MD

**Neuro-Oncology**
- Michael Badruddoja, MD

**Adult Neurology**
- Francisco Valdivia, MD
- Robert Foote, MD
- W. Horace Noland, MD
- Michael Glynn, MD
- Michael Badruddoja, MD
- David Teeple, MD
- Young Min Song, MD

**Pediatric Neurology**
- Dinesh Talwar, MD
- John C. Gray, MD
- Nadia A. Fike, MD, PhD
- Monica Chacon, MD

**Interventional Pain Management**
- Richard A. Chase, MD

**Radiation Oncology**
- Lisa J. Hazard, MD

To learn more about our physicians and services, please visit our website at [www.neurotucson.com](http://www.neurotucson.com)
Our Neurosurgeons use the most advanced technology available, which can lead to fewer complications, less pain, and faster recovery time.

- We use image-guided navigation, in which a computer image generated from an MRI scan is used to pinpoint the exact location of a tumor prior to an incision being made.
- Endoscopic brain surgery allows us to remove small cysts from the brain with a minimally invasive procedure that allows the patient to go home the next day.

Craniotomy
Initial treatment for most brain tumors is surgery. Our four Neurosurgeons all frequently perform craniotomies, in which the tumor is removed through an opening in the skull. In cases where the tumor is located near the areas of the brain that control language or motor function, a craniotomy may be done while the patient is awake.

Stereotactic Radiosurgery (SRS)
SRS is a highly precise form of radiation therapy that can be used to treat benign and malignant tumors of the brain, as well as other conditions affecting blood vessels and nerves. Despite its name, SRS is a non-surgical procedure for those patients whose tumors and other conditions of the brain and spine are best treated with radiation. As part of our commitment to comprehensive care, we offer this treatment in our Radiation Therapy Center.

Spinal Surgery
We offer services that range from simple decompression to more complex spinal reconstruction.

- Spinal decompression is a surgical procedure that relieves pressure on the spinal column or nerve roots by removing a disc, vertebrae or a section of bone that is causing pain.
- Spinal reconstruction is the use of simple or complex instrumentation to restore normal spine mobility and relieve pain.

Many surgeries on the spine can be performed as outpatient procedures with minimally invasive technology – that means less pain and faster recovery for our patients.