The Vascular and Interventional Radiology Center is part of the Neuroscience Center of Excellence at Harris Methodist Fort Worth Hospital.

The mission of the Neuroscience Center of Excellence is to provide the community with comprehensive health care services for neurological conditions.
The Vascular and Interventional Radiology Center (VIRC) at Harris Methodist Fort Worth Hospital provides the technology needed for physicians on the medical staff to effectively diagnose and treat a variety of neurovascular conditions.

The technology in the Vascular and Interventional Radiology Center is a capstone to the hospital’s Neuroscience Center of Excellence and provides a broad range of neurological services to the community. Harris Methodist Fort Worth Hospital is the only facility in Tarrant County currently offering endovascular coiling of cerebral aneurysms.

There are three suites in the Vascular and Interventional Radiology Center. One of these, the William W. McKinney, M.D. Neurointerventional Radiology Suite, is specifically designed for neurovascular diagnosis and intervention, and the other two suites are dedicated to all other diagnostic and interventional procedures.

Named for Fort Worth’s first neurosurgeon, the McKinney Suite offers new options to patients suffering from cerebral aneurysms and other vascular malformations of the brain. The Biplane Angiography Unit provides advanced technology for physicians on the medical staff to help diagnose and treat cerebrovascular disease.

Other features of the center include a patient holding area for pre-and-post procedures and a small family waiting room where families can receive updated information on their loved ones.

The Vascular and Interventional Radiology Center is located on the Ground Floor of the David E. Bloxom, Sr. Tower.

Gifts from the Sid W. Richardson Foundation and the Ryan Foundation were critical in making the center a reality.
The Vascular and Interventional Radiology Center at Harris Methodist Fort Worth Hospital offers physicians in the community and the residents of Tarrant County a comprehensive program to treat all neurovascular conditions with non-surgical techniques.

Interventional radiology offers patients a host of new treatment options.

Most procedures are performed on an outpatient basis or require only a short hospital stay.

General anesthesia is usually not required.

Risk, pain and recovery time are often significantly reduced because most procedures are minimally invasive.

The procedures are sometimes less expensive than invasive surgery or other alternatives.

Using advanced radiology techniques, physicians on the medical staff can pinpoint and treat a number of conditions without having to perform invasive surgery. This can mean a significantly shorter hospital stay and a more rapid recovery.
The Neuroscience Center of Excellence, equipped for a full spectrum of neurological/neurosurgical diseases, has a 22-bed neurological intensive care unit (ICU). The physicians on the medical staff provide diagnosis and treatment for a wide range of neurological conditions and disorders such as stroke, epilepsy, movement disorders, neurological trauma, vascular lesions of the brain, tumors and more.

**A Host of Conditions**

**Some of the Conditions and Diseases Treated in the Neurointerventional Suite**
- Stroke
- Aneurysms
- Intracranial Atherosclerosis
- Extracranial Atherosclerosis
- Spinal Compression Fractures
- Vasospasm after Aneurysm Bleed
- Severe Nosebleeds
- Arteriovenous Malformations
- Dural Arteriovenous Fistulae
- Meningiomas
- Paragangliomas
- Juvenile Nasopharyngeal Angiofibromas
- Vertebral Body Tumors
- Traumatic Vascular Lesions
- Head and Neck Tumors
- Spinal Vascular Malformations
- Extracranial and Paraspinal Vascular Malformations

**Common Interventional Radiology Procedures**
- Diagnostic Angiography
- Peripheral Vascular Balloon Angioplasty
- Biliary Drainage and Stenting
- Nephrostomy
- Central Venous Access
- Ureteral Stent Placement
- Chemoembolization of Liver Tumors
- Diagnostic Venography
- Embolization
- Gastrostomy Tube Placement
- Hemodialysis Access Maintenance
- Transjugular Liver Biopsy
- Intravascular Stenting
- Aortic Stent-graft Placement
- Thrombolysis
- Portosystemic Shunt (T.I.P.S.)
- Uterine Artery Embolization
- Uterine Fibroid Embolization
- Varicocele Embolization
- Vena Cava Filter Placement
- Intravascular Foreign Body Retrieval
- Vertebroplasty
- Nucleoplasty

**Neurointerventional Procedures Performed in the William W. McKinney, M.D. Neurointerventional Radiology Suite**
- Carotid/Cerebral Angiogram with 3-D Imaging Capability
- Aneurysm Coil Occlusion
- Intracranial Angioplasty for Stroke Prevention
- Extracranial Angioplasty
- Vertebroplasty
- Embolization for Bleeding
- Treatment of Vasospasm after Aneurysm Bleeding
- Embolization of Tumors and Vascular Malformations
- Intra-arterial Chemotherapy for Brain, Head and Neck Tumors
- Temporary Test Occlusion of Vessels
- Permanent Vascular Occlusions
- Petrosal Sinus Sampling
- Emergency Stroke Therapy