Neurosurgery encompasses surgery of the entire nervous system, expanding well beyond brain and spine surgery. The specialty of neurosurgery is concerned with the diagnosis and surgical treatment of patients with injury to or diseases/disorders of the brain, spinal cord and spinal column, and peripheral nerves.

A highly technical specialty, neurosurgery depends upon specialized equipment and highly trained surgeons. At FirstHealth Moore Regional Hospital, the FirstHealth neurosurgeons perform surgeries of the spine and brain with state-of-the-art, cutting-edge tools housed in impressive operating theaters containing powerful microscopes, computer systems for navigating the intricacies of the spine and brain, and hundreds of thousands of dollars worth of surgical tools and implantable devices.
The number and variety of illnesses of neurosurgery include all of the following:

- Back Pain
- Neck Pain
- Spinal Arthritis
- Herniated Spinal Discs
- Spinal Stenosis
- Spinal Fractures
- Head Injuries
- Nerve Injuries
- Carpal Tunnel Syndrome
- Brain Tumors
- Brain Hemorrhages
- Hydrocephalus ("water on the brain")

Many treatment options are now available through minimally invasive surgical techniques.

The benefits include:

- Shorter operating room and recovery time – minimally invasive techniques usually result in shorter hospital stays compared to conventional surgery.
- Reduced post-operative discomfort – most patients experience reduced pain that often requires less need for post-operative medication.
- Less scarring.

Neurosurgeons provide the operative and non-operative management (i.e., prevention, diagnosis, evaluation, treatment, critical care and rehabilitation) of neurological disorders. Our neurosurgeons offer the treatment you need — no more, no less.

While surgical procedures are required in some cases, more conservative options (such as medication or physical therapy) are often all that is needed.

Care of neurosurgery patients in the hospital requires a highly trained team of other physicians, nurses and therapists who are familiar with the field and its patients.

Thanks to advances in technology and techniques, treatment of neurological diseases has become more successful and safe.

Our office is open to new and established patients with neurosurgery needs. You can help us serve your health care needs most efficiently by bringing the following with you to your appointment:

- Medical records from other physicians who have treated you for the same problem
- Any X-rays, MRIs and/or test results for your current problem
- All medical insurance cards, including Medicare and Medicaid
- A list of all medications you are currently taking
- Required insurance authorizations
- Written verification from your employer, along with written authorization from your Workers’ Compensation carrier, if you are covered by Workers’ Compensation

The results of your evaluation will be forwarded to your referring and/or primary care physician following each visit with our office.

FirstHealth neurosurgeons are on call 24 hours a day, seven days a week, and are always available for your neurosurgical needs.