



Lake Cumberland Regional Hospital

305 Langdon Street • Somerset, Kentucky

(606) 679-7441 • www.lakecumberlandhospital.com

## State-of-the-Art Neurosciences Unit and Neurosurgical Facilities

The Neuroscience Intensive Care Unit at Lake Cumberland Regional Hospital opened as a part of our new patient tower in 2005. The unit features 13 neurosurgical intensive care rooms, eight acute beds and five “step-down” beds. We utilize “one-stop, post-op” method to ensure our patients are getting the best possible care.

The surgical department has two neurosurgical suites available for surgery 24-hours a day.

Patient care is our priority, and we tailor each patient’s care to fit specific needs.

We offer inpatient rehabilitation services or we can assist in transfer to rehabilitation facility closer to home.



Dr. El-Naggar performing a Hemilaminectomy.



Dr. El-Kalliny placing a deep brain stimulator. Deep brain stimulation is used for treatment of Parkinson’s Disease and Essential Tremor.

## Dr. Amr El-Naggar

Dr. El-Naggar is a graduate of the Ain Shams School of Medicine, Cairo, Egypt. He completed his residency in neurosurgery at Duke University Medical Center and completed fellowships in neurosurgery at Massachusetts General Hospital, Harvard University, and the University of Cincinnati. He has received specialized training in neurosurgical treatment of intractable pain. Dr. El-Naggar received the Hallett Prize from the Royal College of Surgeons in England. He has numerous publications and national and international presentations to his credit. He is Board Certified by the American Board of Neurological Surgery, has served as Assistant Professor of Neurosurgery and Anesthesiology at the University of Kentucky Medical School, and as Chief of Surgery, Chief of Neurosurgery and Chief of Staff for Lake Cumberland Regional Hospital, where he has been on staff since 1990.



## Dr. Magdy El-Kalliny

Dr. Magdy El-Kalliny completed his residency in neurosurgery at Ain Shams School of Medicine, Cairo, Egypt; a clinical and research fellowship in neuro-oncology and a clinical fellowship in neurotraumatology at the University of Maryland and Maryland Institute for Emergency Medicine; a clinical fellowship in neuro-oncology and stereotactic neurosurgery and a skull base and neurovascular fellowship at the University of Cincinnati Medical Center; and a clinical fellowship in neurosurgery at the institute’s Veteran’s Medical Center. Dr. El-Kalliny has been a faculty instructor and guest lecturer for the Congress of Neurological Surgeons at more than a dozen sites throughout the United States and Canada. He has served as Chief of Neurosurgery at Lake Cumberland Regional Hospital, where he has been on staff since 1995.



Neurological surgeries performed at Lake Cumberland Regional Hospital include

### ◆ Cranial

- Craniotomy for Resection of Lesion or Hemorrhage Evacuation
- Cerebral Aneurysm, Clipping
- Transsphenoidal Pituitary Tumor Resection

### ◆ Cervical Spine

- Anterior Cervical Discectomy with Fusion
- Cervical Foraminotomy
- Cervical Corpectomy and fusion
- Decompressive Cervical Laminectomy

### ◆ Lumbar Spine

- Hemilaminectomy and Discectomy
- Placement of Artificial Lumbar Disc
- Decompressive Lumbar Laminectomy
- Minimally Invasive lumbar Interbody Fusion
- Anterior Lumbar Interbody Fusion

### ◆ Thoracic Spine

- Decompressive Thoracic Laminectomy
- Kyphoplasty for compression Fracture
- Transpedicular Discectomy

### ◆ Vascular

- Carotid Endarterectomy
- Aneurysms

### ◆ Peripheral Nerve

- Peripheral Neuropathic
- Carpal Tunnel Release Endoscopic and Open
- Nerve Injuries
- Ulnar Nerve Decompression with or without Transposition
- Peripheral nerve tumors

### ◆ Intractable Pain

- DREZ Procedure - Nucleus Caudalis and Cervical
- Spinal Cord Stimulation

### ◆ Deep Brain Stimulation

- Parkinson's Disease
- Essential Tremors
- Dystonia

### ◆ Surgery For Spinal Cord Tumors

- Benign and Malignant Tumor