



Dale S. Horne, M.D., PhD.
Neurosurgeon



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Advanced Spine Treatment

Cranial Surgery

Minimally Invasive Surgery

Motion Preserving Spine Surgery

Brain Tumors

Vascular Malformations

Disc Decompression

Gamma Knife

Dale S. Horne, M.D., PhD.

Graduate:
 Washington University, St. Louis (MD)
 Tulane University, New Orleans (PhD)

Residency:
 Neurosurgery
 Vanderbilt U. Medical Center

Expertise:
 -Stereotactic Brain Surgery
 -Robotic Spine Surgery
 -Minimally Invasive Spine Surgery (MAST)
 -Motion Sparing/Dynamic
 -Stabilization
 -Cervical Spine Reconstruction
 -Cervical Disc Replacement
 -Kyphoplasty

Dr. Horne is a highly qualified and skilled neurosurgeon who emphasizes compassion, integrity, and individuality with patients.

Dr. Horne received his B. A. in Chemistry at Washington University in St. Louis, Missouri, graduating Magna Cum Laude in 1982. In 1987 he completed a Ph.D. in Neuropharmacology at Tulane University, New Orleans, Louisiana. He graduated Washington University Medical School in 1990 with Medical Doctorate.

Dr. Horne is a leader in stereotactic surgery of the brain and spine. He is among a handful of surgeons in the U.S. pioneering the application of robotic surgery to make spine surgery safer for patients. His skills encompass a broad scope of neurosurgery from brain and spinal tumors to surgery for degenerative spinal conditions. He has specific expertise in cervical spine surgery including cervical disc replacement, minimally invasive and motion sparing surgery, and kyphoplasty.

Surgical Highlights

- Cervical Spinal Surgery\Reconstructive
- Stereotactic Robotic Guided Surgery
- Minimal Access Spinal Surgery
- Dynamic and Rigid Spinal Fusions
- Brain, Spinal, and Peripheral Nerve Disorders
- Stereotactic Surgery of Brain Tumors
- Resection of Pituitary Tumors

Leadership/Awards

- President, Ohio State Neurosurgical Society
- Fellow, American College of Surgeons
- Magna Cum Laude, Washington University
- Member of House-Staff Council, Vanderbilt University Medical Center
- Critical Care Committee, Baptist Hospital East, Louisville
- Credentialing Committee, Clark Memorial Hospital, Jeffersonville
- Physician Quality Improvement Committee, Clark Memorial, Jeffersonville
- Diplomate, American Board of Neurological Surgery

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