Clinicians in the RUSH Spine Center take an integrated, multidisciplinary approach to the assessment and management of spine problems.

Since the majority of spinal problems do not require surgical intervention, we offer patients innovative, evidence-based and individualized non-surgical treatment options. Our systematic approach draws upon the expertise of specialists in physical medicine and rehabilitation and physical therapy, giving our patients a specific, non-operative plan focused on rapid recovery and improvement in most of our patients function and quality of life.

Our team of board-certified spine surgeons is available for consultation and treatment for those individuals with urgent surgical problems or who have failed to improve with non-operative therapy. These surgeons are highly experienced in all areas of spinal surgery, ranging from minimally invasive procedures to large, open deformity corrections.

**Why refer your patients here?**

The neurology and neurosurgery programs at Rush are ranked No. 4 in the nation and best in the Midwest by U.S. News & World Report.

The RUSH Spine Center utilizes sophisticated diagnostic resources to accurately assess patients’ spinal abnormalities, harnessing state-of-the-art technology for spinal procedures and surgeries.

Our world-renowned surgeons are pioneers in the development of minimally invasive surgical techniques, fusion and stabilization procedures. Each of our surgeons has super-subspecialization in areas such as tumor surgery, minimally invasive surgery, lumbar and cervical surgery and deformity correction.

Our physiatrists’ focus on functional wellness provides our patients with non-surgical approaches to rehabilitation from spinal disability. By looking at how the spine interacts with the rest of the body, our physiatrists are skilled in identifying difficult-to-diagnose pain and providing individualized treatment plans to speed up patient recovery and a return to a functional lifestyle.

Rush is one of the few hospitals in the region to use EOS imaging scan technology, which delivers two and three dimensional representations of the entire skeleton. Patients can get scanned either seated or standing and the dose of radiation incurred is less than the traditional x-ray.

Our providers are able to see patients at both Rush University Medical Center in Chicago and Rush Oak Brook in Oak Brook, offering patients convenient, easy access to care.

**To refer patients or request a consult, call (312) 942-6644 for Neurosurgery or (312) 942-8905 for Physical Medicine and Rehabilitation.**

For more information, visit www.rush.edu/neuro and www.rush.edu/pm-and-r.

**Locations**

**Rush University Medical Center**

Professional Building

1725 W. Harrison St., Suite 855

Chicago, IL 60612

**Rush University Medical Center**

Professional Building

1725 W. Harrison St., Suite 118

Chicago, IL 60612

**Rush Oak Brook**

2011 York Road

Oak Brook, IL 60523
Our Team

**Physical Medicine & Rehabilitation**

- **Daniel R. Bunzol, MD**  
  Board Certifications: Physical Medicine & Rehabilitation
- **Shivani Dua, MD**  
  Board Certifications: Pain Medicine, Physical Medicine & Rehabilitation
- **Max A. Fitzgerald, MD**  
  Board Certifications: Physical Medicine & Rehabilitation
- **Andrew J. Patton, DO**  
  Board Certifications: Physical Medicine & Rehabilitation
- **Courtney Stefanski, MD**  
  Board Certifications: Physical Medicine & Rehabilitation
- **Hong Wu, MD, MS**  
  Board Certifications: Pain Medicine, Physical Medicine & Rehabilitation
- **Andrea Bermudez, PA-C**  

**Neurological Surgery**

- **Harel Deutsch, MD**  
  Board Certifications: Neurological Surgery
- **Richard G. Fessler, MD, PhD**  
  Board Certifications: Neurological Surgery
- **Ricardo B. V. Fontes, MD, PhD**  
  Board Certifications: Neurological Surgery
- **John E. O’Toole, MD, MS**  
  Board Certifications: Neurological Surgery
- **Vincent C. Traynelis, MD**  
  Board Certifications: Neurological Surgery

**Conditions We Treat**

- Acute and chronic back pain
- Degenerative disc disease
- Herniated disc
- Kyphosis
- Neck pain
- Post-fusion syndrome
- Sciatica
- Scoliosis
- Spinal deformities
- Spinal osteoarthritis
- Spinal stenosis
- Spinal tumors
- Spondylolisthesis
- Spondylolysis
- Whiplash

**Treatments**

**Non-surgical treatments**

- Botox injection
- Bursa and joint injections
- Dry needling
- Epidural injection
- Facet joint injection
- Peripheral nerve blocks
- Piriformis injection
- Radiofrequency ablation
- Sacroiliac joint injection
- Selective spinal nerve block
- Spinal Rehabilitation
- Trigger point injections

**Surgical treatments**

- Cervical disc replacement
- Correction of spinal deformity
- Discectomy
- Foraminotomy
- Laminecotomy
- Laminoplasty
- Lumbar disc replacement
- Minimally invasive discectomy and fusion
- Spinal fusion