

# Neurosurgery

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# Department of Neurosurgery

**Kevin M. McGrail, M.D., Chair**

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NEUROSURGERY

## LOCATION

Pasquerilla Healthcare Center, Seventh Floor  
3800 Reservoir Road, NW  
Washington, DC 20007

## *Clinical Programs & Services*

### Acoustic Neuroma & Skull Base Tumor Center (202) 444-4972

This center provides advanced treatment to patients with complex brain and skull base tumors. The center is comprised of experts in neurosurgery, otolaryngology, plastic surgery and radiation oncology. The team employs a multidisciplinary approach and a combination of therapeutic modalities. Patients with malignancies benefit from a collaborative relationship with the Lombardi Cancer Center.

The center's equipment includes neuro-navigation, neurophysiological monitoring and neuroendoscopy. The center's CyberKnife offers non-invasive stereotactic radiosurgery options for treating acoustic neuromas and skull base tumors (*see below*). Treatment is available for complex brain and skull base tumors including: meningiomas, gliomas, metastatic tumors, pituitary adenomas, acoustic neuromas, craniopharyngiomas and pineal tumors.

**Contact name:** Walter Jean, M.D.

**Appointment line:** (202) 444-4972

**Appointment hours:** Monday – Friday, 8:00 a.m. – 5:00 p.m.

*Clinical Programs & Services, continued***CyberKnife Service****(202) 444-3320**

This service uses state-of-the-art technology to deliver radiation to a site within the brain or elsewhere within the body with pinpoint accuracy. This noninvasive treatment option is for patients with tumors and lesions of the brain and spine, many of which have been diagnosed as inoperable. It marries a robotic arm, which is capable of fine control and precision, with an x-band accelerator. The robotic arm treats a tumor with up to 1,400+ precision radiation beams. The arrangement of beams is determined by sophisticated optimization software, which attempts to maximize the dose to the tumor while sparing adjacent uninvolved tissue from unneeded radiation. Near real-time imaging allows the robot to adjust to patient and tumor movements. The sheer number of beams and fine robotic control result in delivery of high radiation doses with submillimeter precision.

The Stereotactic Radiosurgery Center treats a variety of brain tumors including malignant and non-malignant. The center treats areas including the spine, lungs, pancreas, liver and prostate. Results to date have been encouraging, and the applications of this technology appear to be broad.

**Contact name:** Gregory J. Gagnon, M.D.

**Appointment line:** (202) 444-4972

**Appointment hours:** Monday – Friday, 8:00 a.m. – 5:00 p.m.

**Parkinson's Disease and Movement Disorders (202) 444-4972**

A comprehensive program for evaluation and treatment of Parkinson's disease and movement disorders including diagnosis, drug therapy, outpatient treatment and surgery. Designated as a "Center of Excellence" by the National Parkinson Foundation.

**Contact name:** Christopher Kalthorn, M.D.

**Appointment line:** (202) 444-4972

**Appointment hours:** Monday – Friday, 8:00 a.m. – 5:00 p.m.

*Physician Listing***Kevin M. McGrail, M.D.****(202) 444-7151****Pager: (202) 405-2375**

**Title:** Professor and Chair, Department of Neurosurgery

**Degree:** Tufts University School of Medicine, 1983

**Internship:** University of Maryland Hospital, 1984

**Residency:** Massachusetts General Hospital, 1990

**Fellowship:** The Mayo Clinic, 1991

**Certification:** Neurological Surgery, 1994

*Special interests:*

- Cerebrovascular disease including carotid artery disease, aneurysms and arteriovenous malformations
- General neurosurgery
- Spinal surgery

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### *Physician Listing, continued*

#### **Andrea Douglas, M.D.**

**(301) 856-2323**

**Pager: (202) 405-2545**

Title: Assistant Professor, Department of Neurosurgery  
Degree: Columbia University of Physicians and Surgeons, 2000  
Internship: New York University Medical Center, 2001  
Residency: New York University Medical Center, 2006  
Fellowship: New York University Medical Center, 2003  
Certification: Neurological Surgery, 2004

*Special interests:*

- Complex spine surgery
- Minimally invasive spine surgery

#### **Walter C. Jean, M.D.**

**(202) 444-7739**

**Pager: (202) 405-2364**

Title: Associate Professor, Department of Neurosurgery  
Degree: Cornell University Medical College, 1993  
Internship: University of Minnesota, General Surgery, 1994  
Residency: University of Minnesota Medical School, Neurological Surgery, 2000  
Fellowship: University of Cincinnati, College of Medicine, Fellowship in Skull-Base Neurosurgery, July 2001  
Certification: Neurological Surgery, 1997

Language: Chinese

*Special interests:*

- Acoustic neuroma
- Brain tumor
- Skull base neurosurgery
- Stereotactic radiosurgery (CyberKnife)
- Transphenoidal surgery
- Trigeminal neuralgia

#### **Christopher G. Kalhorn, M.D.**

**(202) 444-4943**

**Pager: (202) 405-2370**

Title: Assistant Professor, Department of Neurosurgery  
Degree: Loyola University of Chicago, 1996  
Internship: Baylor College of Medicine, 1997  
Residency: Baylor College of Medicine, 2002

*Special interests:*

- Deep brain stimulation
- Functional neurosurgery
- Epilepsy surgery
- Pediatric neurosurgery
- Spinal surgery
- Brain tumor
- Trigeminal neuralgia
- Trigeminal

*Physician Listing, continued***Faheem Sandhu, M.D.****(301) 856-2323****Pager: (202) 405-2373**

Title: Assistant Professor, Department of Neurosurgery  
 Degree: University of Rochester, 1995  
 Internship: Georgetown University School of Medicine, 1996  
 Residency: Georgetown University Hospital, 2002  
 Fellowship: University of Chicago, 2003  
 Certification: Neurological Surgery, 2006

*Special interests:*

- Minimally invasive and endoscopic spinal surgery
- Lumbar and cervical stenosis
- Lumbar fusion
- Cervical, lumbar and thoracic disc herniation
- Functional neurosurgery
- Pediatric neurosurgery

**Bernard Stopak, M.D., F.A.C.S.****(202) 444-1398****Pager: (202) 405-2365**

Title: Associate Professor, Department of Neurosurgery  
 Degree: University of Montpellier, 1970  
 Internship: DC General Hospital, 1970; George Washington University Medical Center, General Surgery, 1972  
 Residency: Washington Hospital Center/George Washington University Medical Center, Neurosurgery, 1975  
 Fellowship: Armed Forces Institute of Pathology, 1972  
 Certification: Neurological Surgery, 1982

**Jean-Marc Voyadzis, M.D.****(301) 856-2323****Pager: (202) 405-3964**

Title: Assistant Professor, Department of Neurosurgery  
 Degree: Georgetown University School of Medicine, 2000  
 Internship: Georgetown University School of Medicine, General Surgery, 2001  
 Residency: Georgetown University School of Medicine, Neurosurgery, 2006  
 Fellowship: University of Chicago, Complex and Minimally Invasive Spine Surgery, 2007

*Special interests:*

- Minimally invasive discectomy, decompression and fusion
- Metastatic spine disease and spinal cord tumors
- Craniocervical disease
- Radiosurgery
- Brain and pituitary tumors

## NEUROSURGERY

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### *Advanced Practice Nurse Listing*

**Arlis J. Cihak, R.N., M.S., A.P.R.N.**

**(202) 444-7273**

Pager: (202) 668-0133

Title: Nurse Practitioner, Department of Neurosurgery  
Degree: Mount Marty College, 1977  
Grad. Degree: Georgetown University, 2002  
Certification: American Medical Association of Critical Care Nurses, 2002;  
American Nurses Credentialing Center, 2003;  
Allied Health Professionals Listing

### *Allied Health Professional Listing*

**Margaret Beach, P.A.**

**(202) 444-7273**

Pager: (202) 405-1005

Title: Physician Assistant, Department of Neurosurgery  
Degree: Elizabethtown College, 2000  
Grad. Degree: University of Kentucky, 2006  
Certification: National Commission on Certification of Physician Assistants, 2006

**Tania M. Cabrera, P.A.**

**(202) 444-4972**

Title: Physician Assistant, Department of Neurosurgery  
Degree: Long Island University, 2005

**Marcia Lamay, P.A.**

**(202) 444-7273**

Pager: (202) 405-2405

Title: Physician Assistant, Department of Neurosurgery  
Degree: Central Michigan University, 2002  
Grad. Degree: Northeastern University, Bouve College of Health Science, 2005  
Certification: National Commission on Certification of Physician Assistants, 2005

**Kimberly Naegar, P.A.**

**(202) 444-7273**

Pager: (202) 405-1481

Title: Physician Assistant, Department of Neurosurgery  
Degree: Ithaca College, 2003  
Grad. Degree: Arcadia University, 2005  
Certification: National Commission on Certification of Physician Assistants, 2005

### *Voluntary Clinical Faculty Listing*

**Edward F. Aulisi, M.D.**

**(301) 718-3494**

Washington Brain & Spine Institute  
4927 Auburn Avenue, Suite T-50  
Bethesda, MD 20814

*Voluntary Clinical Faculty Listing, continued***Anthony J. Caputy, M.D.** (202) 741-2750

Ambulatory Care Center  
2150 Pennsylvania Avenue, NW, Suite 7-420  
Washington, DC 20037-2396

**F. D. Cooney, M.D.** (301) 718-9611

Washington Brain & Spine Institute  
4927 Auburn Avenue, 2nd Floor  
Bethesda, MD 20814

**Francisco M. Ferraz, M.D.** (703) 845-1552

611 South Carlin Spring Road, Suite 105  
Arlington, VA 22204

**Guy W. Gargour, M.D.** (301) 856-2323

Department of Neurosurgery  
Lakeside Professional Building  
10401 Hospital Drive, Suite 101  
Clinton, MD 20735

**Jeff Jacobson, M.D.** (301) 718-9611

Washington Brain & Spine Institute  
4927 Auburn Avenue, Suite T-50  
Bethesda, MD 20814

**Robert F. Keating, M.D.** (202) 476-3020

Children's National Medical Center  
Department of Neurosurgery  
111 Michigan Avenue, NW  
Washington, DC 20010

**Mark S. Klein, M.D.** (301) 856-2556

7501 Surratts Road, Suite 204  
Clinton, MD 20735

**Arthur Kobrine, M.D.** (202) 293-7136

2440 M Street, NW, Suite 315  
Washington, DC 20037

**Zachary Levine, M.D.** (301) 718-9611

Washington Brain & Spine Institute  
4927 Auburn Avenue, Suite T-50  
Bethesda, MD 20814

**John S. Myseros, M.D.** (202) 884-3020

Children's National Medical Center  
Department of Neurosurgery  
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Washington, DC 20010

## NEUROSURGERY

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### *Voluntary Clinical Faculty Listing, continued*

**Alexandros D. Powers, M.D.** (301) 718-9611

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Washington Brain & Spine Institute  
4927 Auburn Avenue, Suite T-50  
Bethesda, MD 20814

**Aldo M. Rosemlat, M.D.** (703) 241-8989

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6316 Castle Place, Suite 200  
Falls Church, VA 22044

**Frederic T. Schwartz, M.D.** (301) 652-6621

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5530 Wisconsin Avenue, Suite 1147  
Chevy Chase, MD 20815

**Ronald H. Uscinski, M.D.** (301) 260-0535

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18111 Prince Philip Drive, Suite 310  
Olney, MD 20832

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