Rush’s brain tumor team includes providers specializing in neurology/oncology, neurosurgery, radiation oncology and neuropathology to provide comprehensive care to patients with various types of brain tumors. The multidisciplinary approach to treatment of complex brain tumors allows the team to focus not only on chemotherapy, radiation and other treatment options that keep cancer cells in check, but also address the neurological impact the cancer and cancer treatments can have on movement, cognition and even personality.

Rush brain tumor patients have dedicated nurse navigators and oncology social workers to help navigate the system. Patients also have access to the latest treatments and clinical trials, including immunotherapies such as an investigational vaccine given in conjunction with bevacizumab, an FDA-approved drug that targets the proteins glioblastoma cells need to grow blood vessels. Rush is one of only a few Midwest locations for this international trial, Drug Treatment Study for Recurrent or Progressive Glioblastoma.

A multidisciplinary brain tumor board meets weekly to discuss the medical and surgical management of complicated brain tumor cases.

### Conditions We Treat:
- Gliomas
  - Glioblastoma multiforme
  - Astrocytoma
  - Oligodendroglioma
  - Pilocytic astrocytoma
- Meningioma
- Ependymoma
- Medulloblastoma
- Craniopharyngioma
- Germ cell tumors
- Pituitary tumors/pituitary adenomas
- Primary CNS Lymphoma
- Schwannoma/Acoustic neuromas
- Brain Metastases
- Neurologic complications of cancer or cancer treatments

### Tests and Treatments:
- Advanced MRI including perfusion MRI and MR spectroscopy
- Awake craniotomy with brain mapping
- Laser interstitial thermal therapy (LITT)
- Intensity modulated radiation therapy
- 3D conformal radiation therapy
- Stereotactic radiosurgery
- Tumor molecular profiling
- Chemotherapy
- Clinical trials for nervous system tumors
- Integrative Medicine
- Palliative Care

### Meet the Team

#### Neurology/Neuro-Oncology

<table>
<thead>
<tr>
<th>Joo Yeon Nam, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Board Certification:</strong> Neurology</td>
</tr>
<tr>
<td><strong>Medical School:</strong> Feinberg School of Medicine, Northwestern University</td>
</tr>
<tr>
<td><strong>Residency:</strong> Beth Israel Deaconess Medical Center</td>
</tr>
<tr>
<td><strong>Fellowship:</strong> University of Texas MD Anderson Cancer Center</td>
</tr>
</tbody>
</table>

**Clinical Interests:**
- Primary brain tumor
- Metastatic brain cancer
- Neuro-Oncology
- Spinal tumor
- Systemic cancer, neurologic complications
- Supportive care in brain tumor patients

#### Neurosurgery

<table>
<thead>
<tr>
<th>Richard W. Byrne, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Board Certification:</strong> Neurological Surgery</td>
</tr>
<tr>
<td><strong>Medical School:</strong> Northwestern University Feinberg School of Medicine</td>
</tr>
<tr>
<td><strong>Residency:</strong> Rush University Medical Center</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lorenzo F. Muñoz, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Board Certification:</strong> Neurological Surgery</td>
</tr>
<tr>
<td><strong>Medical School:</strong> Ponce School of Medicine, Puerto Rico</td>
</tr>
<tr>
<td><strong>Residency:</strong> University of Illinois Medical Center</td>
</tr>
<tr>
<td><strong>Fellowships:</strong> Children’s Memorial Hospital University of Illinois Medical Center</td>
</tr>
</tbody>
</table>

#### Neurosurgery-Laser Interstitial Thermal Therapy

<table>
<thead>
<tr>
<th>Sepehr B. Sani, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Board Certification:</strong> Neurological Surgery</td>
</tr>
<tr>
<td><strong>Medical School:</strong> University of Toledo College of Medicine</td>
</tr>
<tr>
<td><strong>Residency:</strong> Rush University Medical Center</td>
</tr>
<tr>
<td><strong>Fellowships:</strong> Rush University Medical Center University of California, San Francisco</td>
</tr>
</tbody>
</table>

#### Neurosurgery-Skull Base

<table>
<thead>
<tr>
<th>Stephan A. Munich, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Board Certification:</strong> Neurological Surgery</td>
</tr>
<tr>
<td><strong>Medical School:</strong> University at Buffalo School of Medicine and Biomedical Sciences</td>
</tr>
<tr>
<td><strong>Residency:</strong> Rush University Medical Center</td>
</tr>
<tr>
<td><strong>Fellowships:</strong> University of Miami Jackson Memorial Medical Center</td>
</tr>
</tbody>
</table>
Other Team Members

**Neuroradiology**

- **Mehmet Kocak, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: Istanbul University Faculty of Medicine, Turkey
  - Residencies: Istanbul University Faculty of Medicine, Turkey
  - Medical College of Wisconsin
  - Fellowship: Medical College of Wisconsin

- **Sudeep H. Bhabad, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: Seth G.S. Medical College, India
  - Residency: Lokmanya Tilak Municipal General Hospital, India
  - Medical College of Wisconsin
  - Fellowship: Rush University Medical Center

- **Sharon Byrd, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: Wayne State University School of Medicine
  - Residency: UCLA Medical Center
  - Fellowships: Hospital for Sick Children, Canada
  - UCLA Medical Center

- **Marinos Kontzialis, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: University of Athens, Greece
  - Residency: Ohio State University
  - Fellowship: Johns Hopkins University

- **Miral D. Jhaveri, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: Seth G.S. Medical College, India
  - Residency: Lokmanya Tilak Municipal General Hospital, India
  - Fellowship: Rush University Medical Center

- **Sharon Byrd, MD**
  - Board Certifications: Diagnostic Radiology, Neuroradiology
  - Medical School: University of Texas Southwestern Medical Center
  - Residency: The University of Chicago Medical Center

- **Ken Tatebe, MD, PhD**
  - Board Certification: Radiation Oncology
  - Medical School: University of Texas Southwestern Medical Center

- **Xinhai R. Zhang, MD, PhD**
  - Medical School: Fourth Military Medical University
  - Residencies: Loma Linda University Medical Center
  - XiJing Hospital, China
  - Fellowship: University of California at Los Angeles (UCLA)

- **Nupur Mittal, MD**
  - Board Certification: Pediatric Hematology-Oncology
  - Medical School: Maulana Azad Medical College
  - Residencies: Medical College of Wisconsin Affiliated Hospitals
  - University of Delhi, Maulana Azad Medical College, India
  - Fellowship: University of Illinois Medical Center

**Advanced Practice Providers**

**Neuro-Oncology**

- **Lisa L. Pierce, RN, MSN, FNP-C, CRNP**

**Radiation Oncology**

- **Colleen Masters, RN, APN**

**Neurosurgery**

- **Rory Breslin-Sani, DNP, APRN, ACNP-BC, CCRN, CNRN, CSRN**

- **Fiona A. Lynn, MSN, APRN, ANP-BC**

**Nurse Navigators**

- **Jennifer Spencer, RN, BSN, OCN, CPT**

- **Rey Vela, RN, BSN**

- **Danielle Lafond, RN, BSN**

- **Roxanne Wojnarowski, RN, BSN**

**CLINIC ADDRESS**
Rush University Medical Center
1725 W. Harrison St.
Professional Building, Suite 1010
Chicago, IL 60612

To refer a patient or make an appointment, please call:

Rush University Cancer Center
(312) CANCER-1

Department of Neurological Surgery
(312) 942-6644