

SITEMAN CANCER CENTER



World-Renowned

Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine in St. Louis is an international leader in cancer treatment, research, prevention, education and community outreach.



35+ investigator-initiated, collaborative, or industry clinical trials focused on brain tumor treatments

1,000+ BRAIN PROCEDURES ANNUALLY



\$7.8 million+ NIH funding for brain tumor research

400+ laser interstitial thermal therapy (LITT) procedures

Innovative Technologies & Procedures

- Advanced Brain Mapping
- Awake Craniotomy
- Intraoperative MRI
- Minimally Invasive Endoscopy
- MRI-guided Laser Interstitial Thermal Therapy (LITT)
- Robotic Surgery
- Keyhole approaches that spare tissue damage
- Focused ultrasound for drug delivery and liquid biopsy
- Fluorescence-guided Surgery
- Gamma Knife Radiosurgery
- Intensity Modulated Radiation Therapy (IMRT)
- Proton Beam Radiation Therapy
- ViewRay™ MRI-Guided Radiation
- Memory Sparing Radiation Therapy
- Temporally-modulated Pulsed Radiation Therapy
- Chemotherapy
- Precision Medicine
- Immunotherapy
 - Personalized Vaccines
 - Checkpoint Blockade Therapy
- Novocure™ Treating Fields (TT Fields) Technology

35%
OF CRANIAL SURGERIES ARE MINIMALLY INVASIVE



2,000+ intraoperative MRI (iMRI) brain & skull-base tumor procedures – most in the U.S.