

NEUROSCIENCE PROGRAM



Robert Wood Johnson University Hospital (RWJ) New Brunswick is home to the state's only comprehensive, academic neuroscience program and is a destination center for patient referrals and transfers requiring complex care and advanced treatment solutions in neurology and neurosurgery.

Expert physicians collaborate and lead the latest breakthroughs in medical therapy, sophisticated technologies and innovative research findings.



One Robert Wood Johnson Place
New Brunswick, NJ 08903



FEATURED TECHNOLOGIES

LASER ABLATION

RWJ New Brunswick offers this revolutionary technology that uses light energy to destroy brain tumors. It is also used for treating primary and metastatic spine tumors.

EPILEPSY

The program provides expert epilepsy care from a multi-faceted treatment team who evaluate and manage new onset or chronic seizures through a variety of treatment options including vagus nerve stimulation, resective epilepsy surgery and laser thermal ablation.

GAMMA KNIFE® ICON™

The Gamma Knife Center provides the latest options in radiosurgery treatment by offering the Gamma Knife Icon. Beams are directly and precisely delivered to a targeted area of the brain and/or spine without affecting surrounding healthy tissue.

DEEP BRAIN STIMULATION (DBS)

RWJ New Brunswick provides this groundbreaking treatment for Parkinson's disease (PD). DBS is a surgical procedure that can end disabling neurological symptoms such as tremor, rigidity, stiffness, slowed movement and walking problems associated with PD.

MAZOR ROBOTICS RENAISSANCE® GUIDANCE SYSTEM

RWJ is one of two centers in New Jersey with this technology. The system transforms spine surgery with highly-accurate, state-of-the-art equipment replacing freehand procedures. It also aids in reducing fluoroscopy, lowering complication rates and reducing post-operative pain.

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HIGHLIGHTS

- **Designated Comprehensive Stroke Center** by The Joint Commission and the State of New Jersey Department of Health and Senior Services.
- **Movement disorders**
- **Epilepsy**
- **Neurosurgery**
- **Endovascular neurosurgery**
- **Interventional neuroradiology**
- **Pediatric neurology and neurosurgery**



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LEADERSHIP



Chief of Neurology

Suhayl Dhib-Jalbut, MD

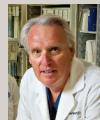
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