

Gamma Knife® Radiosurgery



2501 North Orange Avenue, Suite 101
Orlando, FL 32804

407-303-7944 | AdventHealthNeuroInstitute.com

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ATENCIÓN: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al número siguiente 407-303-3025.

ATANSYON: Si w pale Kreyòl Ayisyen, gen sèvis èd pou lang ki disponib gratis pou ou. Rele nimewo ki anba an 407-303-3025.



The Gold Standard for Cranial RadioSurgery

Gamma Knife® is a revolutionary, non-invasive surgical instrument that precisely focuses radiation beams on specific areas of the brain to address malignant and nonmalignant tumors as well as certain vascular and functional disorders. It is considered the gold-standard of patient care for radiosurgery – and we completely agree. In fact, AdventHealth's neurosurgical team has been perfecting this advanced technique since 1996 to treat patients from all over the globe.

Gamma Knife® Perfexion™ Advances Surgical Excellence

The next generation of surgical advancement is here with the Leksell Gamma Knife® Perfexion™, a fully integrated, state-of-the-art radiosurgical platform. The revolutionary design provides full cranial reach and allows multiple brain lesions to be targeted in the same surgical session. Today, it is widely regarded as the best noninvasive treatment available for brain disorders, and AdventHealth is the first and only provider to offer it in Central Florida. This unique technology benefits our patients in many ways.

- Procedures can be performed on an outpatient basis; patients can go home the same day
- Time-efficient and painless procedure
- Provides pinpoint accuracy, unmatched efficiency and outstanding results
- Offers an ideal alternative for patients who are not surgical candidates
- Greater accuracy than other radiosurgical modalities

- The patient doesn't need to stop current medications to be treated
- Able to treat more than one lesion at a time
- Treatment can be repeated in the future, if needed

A Noninvasive Option for Complex Brain Disorders

The Gamma Knife® Program at AdventHealth is a destination resource for the treatment of a wide variety of complex brain disorders ranging from acoustic neuromas to metastatic brain tumors, recurrent cancers and trigeminal neuralgia. Our world-class expertise and technology allow us to effectively address the following conditions and more.

Conditions Treated

- Acoustic neuromas
- Arteriovenous malformations
- Brain tumors
- Cavernous malformations
- Chordomas
- Gliomas
- Glomus tumors
- Intraparenchymal masses
- Malignant gliomas
- Meningiomas
- Metastatic brain tumors
- Pineal region tumors
- Pituitary adenomas
- Pituitary tumors
- Recurrent nasopharynx cancer
- Trigeminal neuralgia



For more information or to schedule an appointment, contact our Minimally Invasive Brain Surgery and Gamma Knife care coordinator, Denal Wilson, at 407-303-7944.