

# Gamma Knife®: A Non-invasive Treatment for Brain Disorders

The Neuroscience Institute at **Kettering Health Network** is the only facility in the Greater Dayton Area that offers Gamma Knife® Perfexion™—a treatment that directs 192 beams of radiation to a tumor site.

Gamma Knife® is a result of over four decades of technological development and enables neurosurgeons to target brain abnormalities safely while preserving healthy tissue.

Patients who are poor candidates for conventional surgery due to age, certain health conditions, or an inability to have general anesthesia, may also benefit from Gamma Knife radiosurgery.

## GAMMA KNIFE HAS BEEN USED TO TREAT:

- Metastatic brain tumors
- Benign and malignant tumors
- Trigeminal Neuralgia
- Other “inoperable” brain abnormalities
- Arteriovenous Malformations

## PATIENT BENEFITS:

- Incision-free treatment
- Fast, precise treatment of one or more tumor sites in one session
- No general anesthesia or overnight hospital stay
- Can be used for successive treatments
- Can be used in combination with other therapies



# Gamma Knife®: A Non-invasive Treatment for Brain Disorders

For more information on Gamma Knife® visit [ketteringhealth.org/neuro](http://ketteringhealth.org/neuro). To make a referral to a neurosurgeon trained in Gamma Knife® call 1-844-211-5482.

---

## Kettering Physician Network Neurosurgery

4000 Miamisburg-Centerville Rd  
Suite 115  
Miamisburg, OH 45342

3533 Southern Blvd  
Suite 5350  
Kettering, OH 45429



Richard J.  
Gorman, DO



Raymond J.  
Poelstra, MD



Phillip M.  
Porcelli, DO



Peter A.  
Bouz, MD

---

## Advanced Neurosurgery, Inc.

3533 Southern Boulevard  
Suite 3000  
Kettering, OH 45429

31 Stanfield Place  
Suite 104  
Troy, OH 45373



Jamal Taha, MD



[ketteringhealth.org/neuro](http://ketteringhealth.org/neuro)