



Gamma Knife Center of Oregon

The Gamma Knife Center of Oregon is the only facility in the Northwest to offer Gamma Knife Perfexion, the most advanced radiosurgical tool available to treat a variety of brain lesions and disorders, including cancer. An alternative to invasive surgery, Gamma Knife Perfexion uses precisely focused beams of radiation to destroy tumors with no incisions, minimal blood loss and minimal damage to surrounding healthy tissue. Patients experience less discomfort, fewer complications and often better outcomes.

Neurosurgeons, radiation oncologists and neurotologists trained and credentialed in Gamma Knife procedures are welcome to treat their patients here. Any physician may refer patients to the Gamma Knife Center's team of highly experienced specialists.

Services

- Noninvasive outpatient treatment of benign or malignant intracranial tumors, trigeminal neuralgia, vascular malformations and surgically inaccessible brain lesions
- CT and MRI scanning for precise plotting of tumor or lesion locations
- Computer-assisted three-dimensional treatment planning to match the exact contours of the tumor or lesion with an effective dosage of radiation
- Destruction of abnormal tissue through the convergence of 192 beams of gamma radiation on a single point with accuracy within 0.3 millimeters

Gamma Knife Perfexion offers unrivaled precision in radiosurgical treatment of:

- Acoustic neuromas
- Arteriovenous malformations
- Brain metastases
- Brain stem tumors
- Chordomas
- Craniopharyngiomas
- Meningiomas
- Pineal tumors
- Pituitary adenomas
- Primary glial tumors
- Trigeminal neuralgia and cluster headaches

Our diverse team of experts includes:

- Radiation oncologists
- Neurosurgeons
- Otolaryngologists
- Neurotologists
- Medical physicists
- Registered nurses

Medical director:

Steven Seung, M.D., Ph.D., The Oregon Clinic, 503-215-6029

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Available on our Web site at www.providence.org/physicianinfo:

- **Physician directory:** Get contact information for all Providence Brain Institute physicians.
- **eNeuro:** Subscribe to our quarterly physician newsletter.
- **Speakers bureau:** Providence Brain Institute physicians are available to speak on a variety of topics related to neurological health.

OUR MISSION

As people of Providence,
we reveal God's love for all,
especially the poor and vulnerable,
through our compassionate service.

OUR CORE VALUES

Respect, Compassion, Justice,
Excellence, Stewardship

Gamma Knife Center of Oregon

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