Why Leksell Gamma Knife®?
Not all radiosurgery devices are created equal. Designed specifically for and dedicated to the brain, Leksell Gamma Knife® is widely recognized as the gold standard in radiosurgery. Leading centers worldwide have adopted Leksell Gamma Knife® as their tool for effective, efficient and patient-centric treatment. Over 750,000 patients have been treated worldwide; over 250,000 brain metastases have been treated.

Unique benefits of Leksell Gamma Knife® include:

- Fast treatment delivery and optimized workflow to ensure high patient throughput averaging over 400 cases per year
- Less dose to normal brain and body compared to other radiosurgery devices due to exquisite conformality and selectivity
- Most extensive clinical evidence base with over 2,500 peer-reviewed publications of which over 550 report the results of metastatic tumor treatment including numerous papers describing the utility of Leksell Gamma Knife® for multiple metastases, targets in challenging anatomic locations, large tumors and radioresistant tumors
- Permits physicians to scan, plan and treat in a single session with no technical limitation to number of tumors treated—optimal efficiency at low cost
- Highest uptime with least quality assurance demands minimizes the burden on staff
- Support for every step on the path to a world class SRS program.

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Leksell Gamma Knife® Perfexion™: The Intelligent Choice for Brain Metastases
With the advent of stereotactic radiosurgery, a novel approach to the treatment of brain metastases is emerging. Multiple guidelines and studies have confirmed the role of SRS as an appropriate technique for achieving tumor control while affording quality of life benefits even in the case of multiple metastases. The number of brain metastases diagnosed each year is growing due to an aging population, ubiquitous imaging and extended survival afforded by systemic therapies. Additionally, the role of SRS in the treatment of cancer is expected to increase as awareness of the negative effects of WBRT grows and ability to select patients that will most benefit from SRS is refined.

The advantages of stereotactic radiosurgery include:

- Single session treatment, no cessation of systemic treatment required
- Avoids complications associated with Whole Brain Radiation Therapy (WBRT) including white matter changes and neurocognitive decline.
- Single session treatment means less burden on patient and caregivers and improved Quality of Life for all.

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* Leksell Gamma Knife Society Survey, 2012


