



Advancing
Leksell Gamma Knife
Radiosurgery

Leksell® Vantage™ for Leksell Gamma Knife®

Vantage for Leksell Gamma Knife has CE mark but not yet available in all markets. Contact your local Elekta representative for more information.

Leksell® Vantage™ for Leksell Gamma Knife®

Leksell® Vantage™, the latest and most advanced stereotactic headframe system from the pioneers and world leaders in stereotactic headframe systems, has now been specifically adapted for Leksell Gamma Knife® radiosurgery.

Combining Leksell Vantage—the number one choice in stereotactic neurosurgery—with Leksell Gamma Knife—the number one choice in stereotactic radiosurgery—gives you the best possible conditions for utmost accuracy and precision in radiosurgery, while improving the patient’s treatment experience.

A complete and robust solution for frame-based SRS for Leksell Gamma Knife® Icon™ and Perfexion™, the system includes:

- Hardware
- Software
- QA tools
- Complete integration with Leksell GammaPlan®

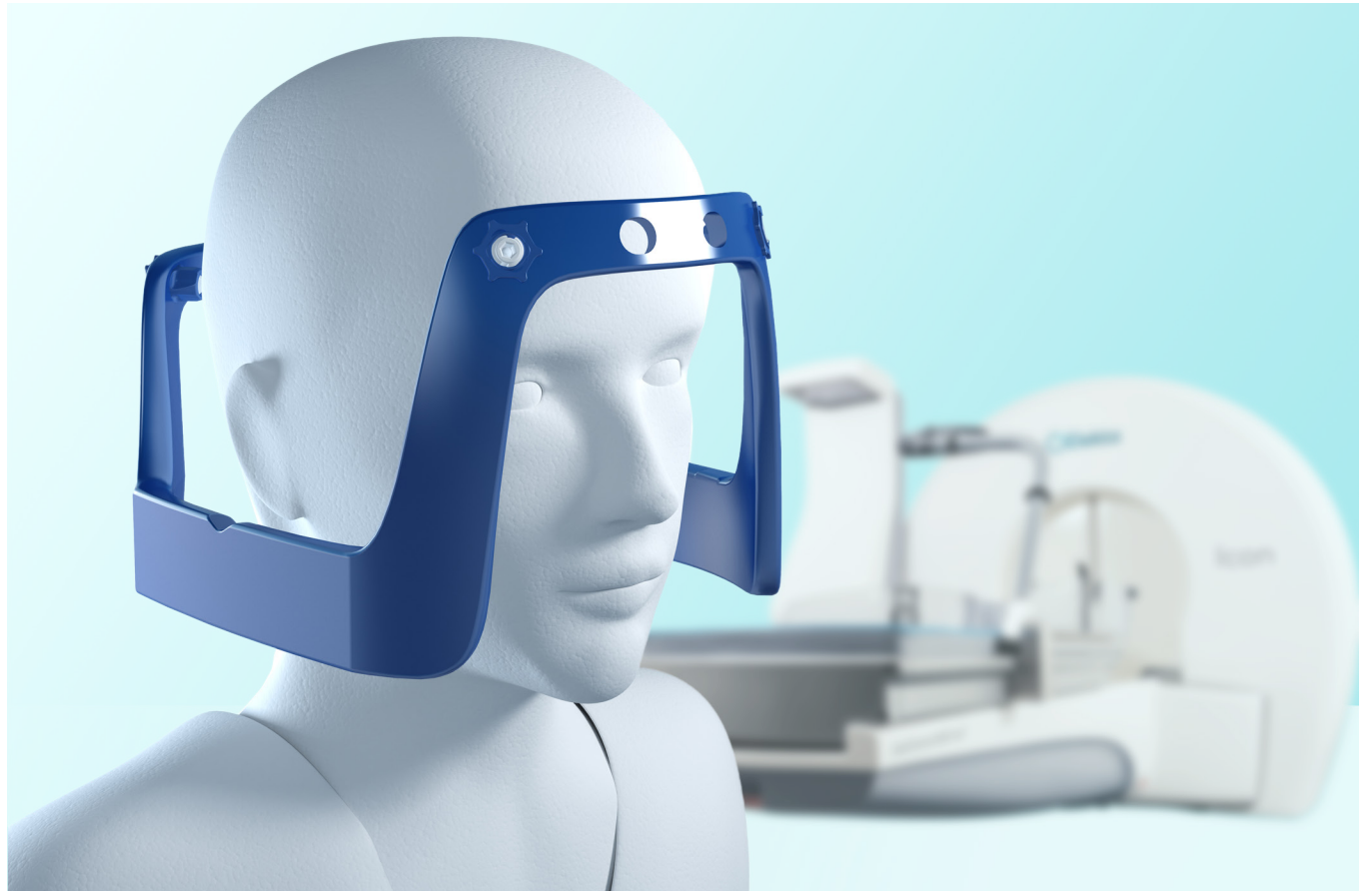


Leksell Vantage is advancing SRS with Leksell Gamma Knife

Powerful Simplicity

Leksell Vantage workflow, from frame application to automatic implementation in Leksell GammaPlan, saves setup time and makes the process smoother and simpler for you and your patient.

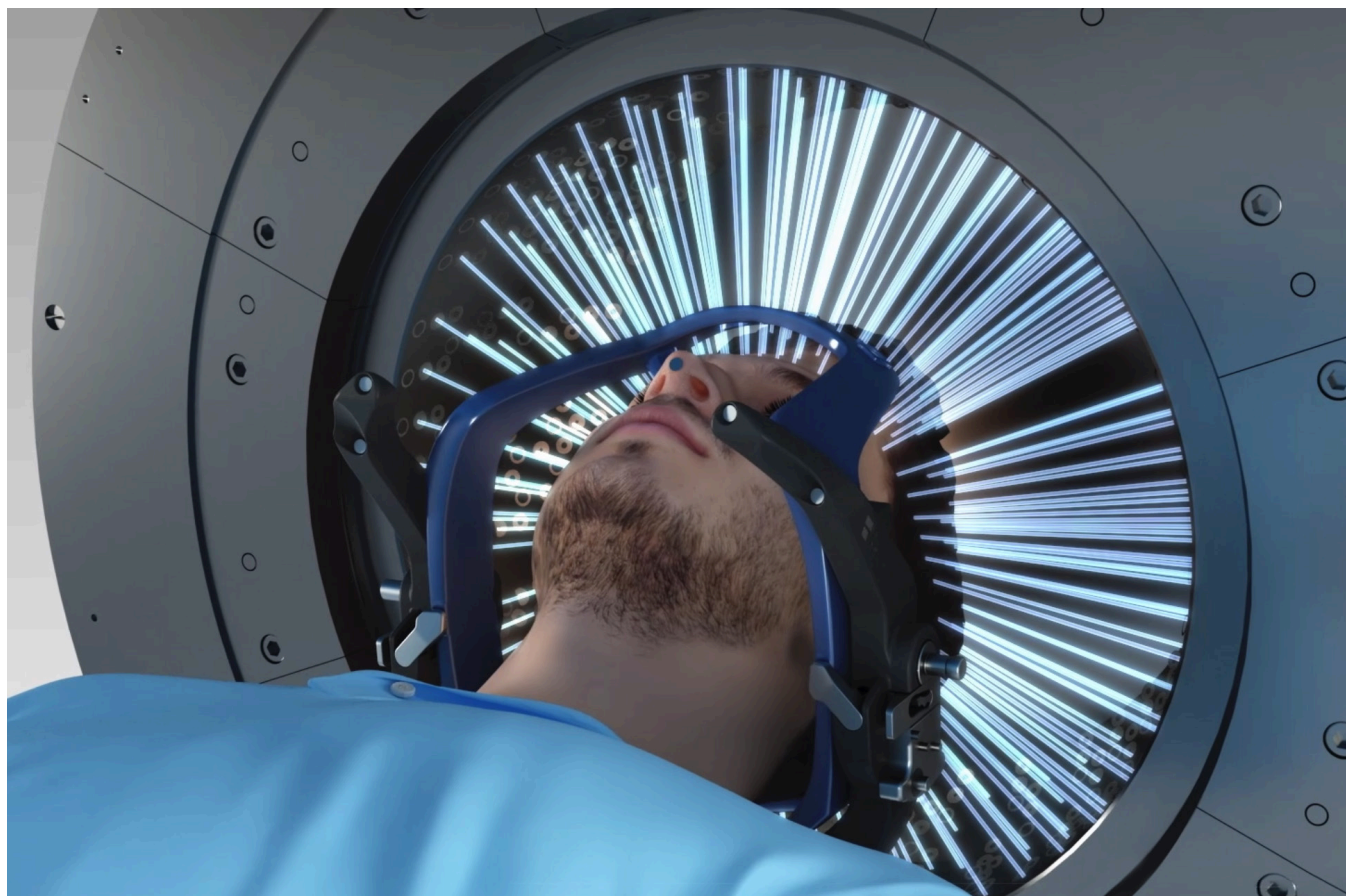
- **Single piece design for easy assembly and workflow management**
- **Intuitive and effective workflow, based on clinically proven and trusted technology**
- **Fast and confident docking onto Leksell Gamma Knife**
- **Geometry fully integrated into Leksell GammaPlan®, eliminating the need for manual measurements**



Patient Comfort

The open face design provides better physical comfort for the patient and reduction in imaging time and overall treatment time. It also encourages patient compliance and a better overall patient experience.

- **Facial expressions clearly visible**
- **Free airways—no interference with nose, eyes and mouth**
- **Allows easy eating and drinking**
- **Rapid frame attachment**
- **Minimized magnetically-induced RF heating**
- **Added space around shoulders**



Leksell Vantage is advancing SRS with Leksell Gamma Knife

Accuracy and confidence

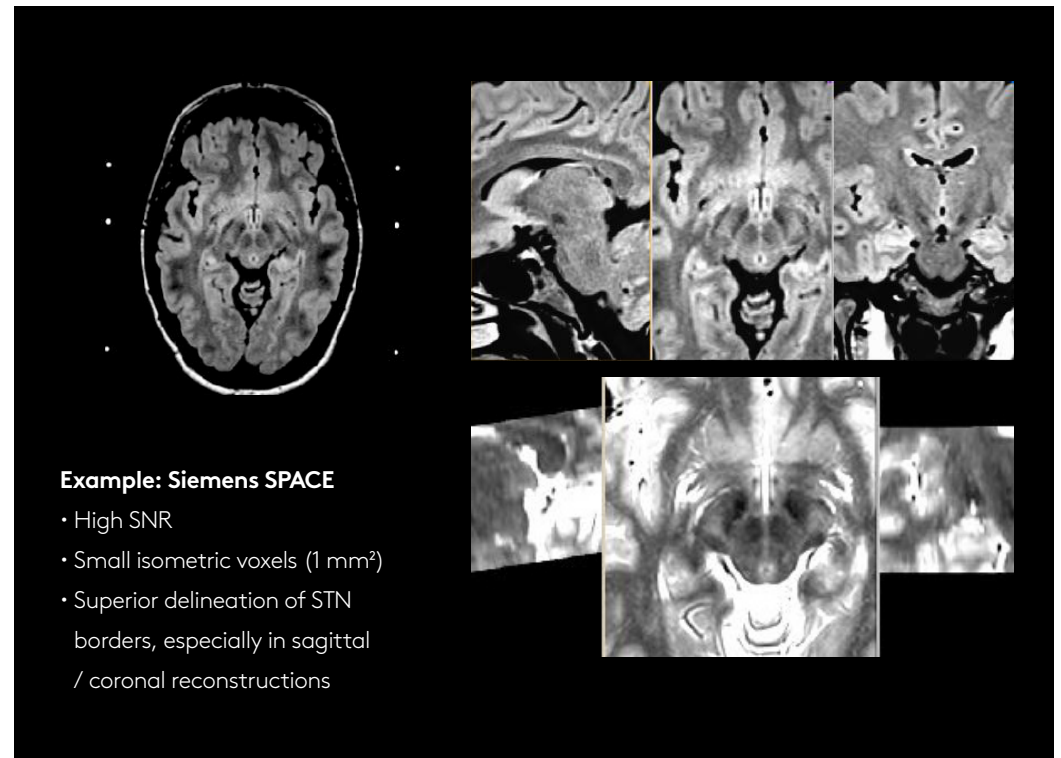
The ability to see more detailed brain anatomy for treatment planning inspires confidence in target positioning and overall treatment accuracy.

New stereotactic MR sequences

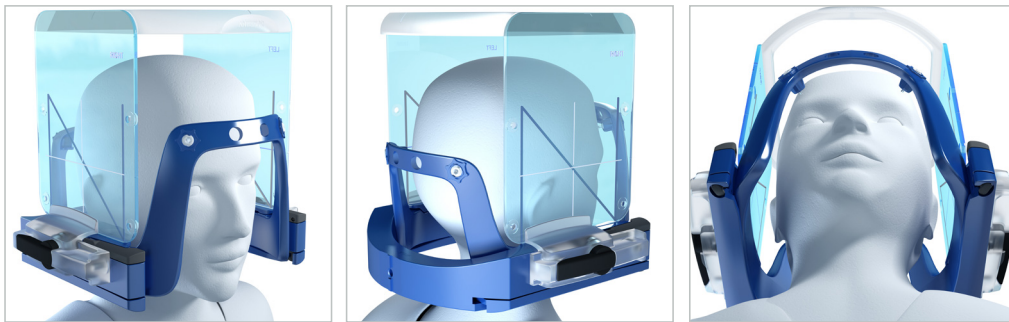
- Non-metallic materials used in the frame design increase the potential to acquire stereotactic treatment planning images with superior structural information
- Transfer of images with high signal-to-noise ratio, providing the potential for better delineation visualization in functional neurosurgical procedures

Fast, high-resolution images

- Together with a multi-channel neuro head coil, Vantage enables MRI image acquisition up to 50% faster
- The MR accessories give the potential for higher resolution 3D stereotactic neuro imaging, visualizing more of the clinically relevant anatomy
- Minimal loss of signal around the FirmFix pin tip volume
- High quality images also possible with single channel neuro head coil



Images courtesy: Prof. Ludvic Zrinzo, National Hospital for Neurology and Neurosurgery, London (University College London Hospitals)



Expanding stereotactic CT neuroimaging capabilities

- Coordinate referencing with minimal artifacts in diagnostic CT imaging
- Compatible with multiple diagnostic CT scanners

Leksell Gamma Knife offers a complete, integrated system with powerful software, integrated CBCT, three new QA tools, online adaptive dose correction—and now, HD motion management can be used for frame-based treatments using Leksell Vantage, a solution inspiring the confidence to deliver single-session high dose treatments without patient-specific QA.



For more information, visit:

www.elekta.com/radiosurgery/leksell-gamma-knife-icon/

www.elekta.com/radiosurgery/leksell-gamma-knife-perfexion/

For almost five decades, Elekta has been a leader in precision radiation medicine.

Our more than 4,000 employees worldwide are committed to ensuring everyone in the world with cancer has access to—and benefits from—more precise, personalized radiotherapy treatments.



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