

Leksell Gamma Knife® 4C

Leksell Gamma Knife® 4C BENEFIT	Leksell Gamma Knife® 4C FEATURE
<ul style="list-style-type: none"> Most accurate treatment 	<ul style="list-style-type: none"> Ability to co-register and integrate non-stereotactic images from multiple sources provides greater definition of target Image studies can be scanned from remote imaging center Confident location of functional targets and critical structures can be better located with AtlasSpace™ Schaltenbrandt & Wahren brain atlas, AC-PC based targeting, Image fusion, ImageMerge™ and ColorPET Utilizes Leksell Stereotactic System®, the most precise stereotactic frame Proven clinical treatment evidence base
<ul style="list-style-type: none"> Faster treatment time 	<ul style="list-style-type: none"> Helmet changer is twice as fast as Leksell Gamma Knife® 1.1 Treatment couch is more robust Safe routing for faster treatment and to avoid helmet collision The ability to switch from APS mode to trunnion mode without re-sending treatment plan All Reset functions (MCU/CU/APS) easily accessible from User Interface Real time dose calculation remaining mindful of the value of staff time and patient convenience Single session radiosurgery
<ul style="list-style-type: none"> More efficient workflow 	<ul style="list-style-type: none"> Dual in-room monitors provide unobstructed view of treatment plan from either side of the couch Leksell GammaPlan® 4C facilitates pre-op planning and post-op follow-up Only one treatment file is required APS on/off controlled at user interface A new more compact operator console 2 uninterrupted power supply versus 1 Treatment plan and remaining treatment time are displayed on control unit New configuration of main control unit reduces operator room noise
<ul style="list-style-type: none"> Greater patient comfort 	<ul style="list-style-type: none"> Couch mattress increased to 80mm thickness for increased patient comfort Enhanced audio system for patient music and bi-directional communication Enhanced video capability from dual monitors Faster helmet changer and faster treatment couch

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Enhanced precision and treatment efficiency



Dual in-room monitors

- ▶ Provide unobstructed view from both sides of the treatment couch
- ▶ More efficient workflow
- ▶ Allows custom applications such as: TV, training, educational video, site information, news and misc. video scenes

Helmet changer

- ▶ Twice as fast as Leksell Gamma Knife® 1.1
- ▶ Reduces helmet change time by 10 - 20 minutes
- ▶ Provides more efficient procedure time
- ▶ Increases patient comfort

Couch cables

- ▶ Faster and smoother acceleration offers greater user control and less patient interruption
- ▶ More robust design improving reliability of Automatic Positioning System™ (APS) computer controlled couch movement

Version 1.2 software

- ▶ Simplifies everyday workflow
- ▶ Improved user interface and an updated operator console.
- ▶ Improved audio/video increases patient comfort and improves treatment workflow at console
- ▶ All shots, both APS and trunnion are visible on the UI improving both planning and safety
- ▶ Safe routing for faster treatment and avoid helmet collision

Fresh look

- ▶ Improved design
- ▶ Improved appearance

Operator console

- ▶ Smaller design
- ▶ New push button design
- ▶ More ergonomic
- ▶ More intuitive and easier to use
- ▶ Better utilization of valuable OR space
- ▶ Reduced noise based on MCU configuration



Leksell GammaPlan® 4C

- ▶ Provides ability to integrate images from multiple sources, MRI, MEG, CT, and PET, to visualize and analyze in three dimensions and real time
- ▶ Allows co-registration of non-stereotactic tomographic image studies with the Leksell Coordinate™ Frame
- ▶ Non-stereotactic data transfer capabilities via DICOM are now available to share treatment planning information and expand your database with referring physicians
- ▶ Image targeting is available via AtlasSpace™, Image Fusion, ImageMerge™, ColorPET and AC-PC based images



An upgrade to Leksell Gamma Knife® 4C provides a more efficient treatment flow and enhanced precision through expanded image integration