

Step-by-step

Your Leksell Gamma Knife[®] treatment

Gamma Knife radiosurgery is a painless treatment procedure that doesn't involve any knives or surgery. It's extremely precise, using many small, focused radiation beams to treat the affected area of your brain, while protecting the surrounding healthy tissue.



1



Consultation

Before you start your treatment, you'll meet with your doctor to discuss your condition and treatment options.

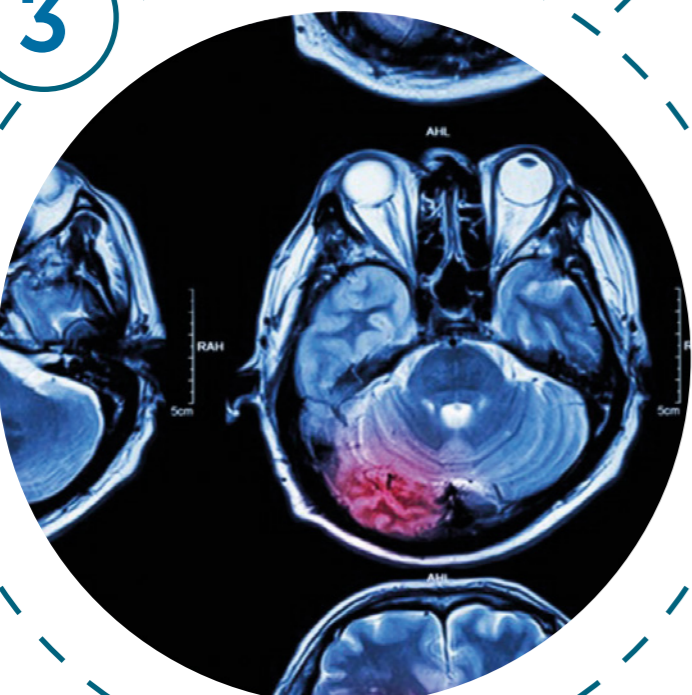
2



Before your treatment begins

Images of your brain are obtained using MRI or CT scanners to accurately pinpoint the area to be treated. A lightweight headframe or specially made mask will help to keep your head completely still during the scan.

3



Planning the treatment

While you wait, advanced treatment planning software uses these images to plan your Gamma Knife treatment with extreme precision.

4



Treatment

When it's time for your treatment, you'll be helped onto the treatment couch. Your headframe or mask will be fixed to the couch to help keep your head still and in the correct position during treatment. The treatment, which lasts from a few minutes to more than an hour, is quiet and you won't feel anything. You can listen to music, talk to your treatment team at any time by intercom, or you may even fall asleep.

5



Post-treatment

Most patients go home immediately after treatment and return to normal activities in a day or so.

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