

Frameless Stereotactic Radiosurgery using a Linear Accelerator



Stereotactic Radiosurgery (SRS) uses a highly focused radiation beam to target specific area(s) of the brain and kill cancer cells. Even though the name includes the word "surgery," there is no cutting. You will not feel the radiation beam.

There are 5 steps to getting SRS. This icon  shows the steps you come for an in-person appointment.



Consult

 45min

You will meet with a Radiation Oncologist (a cancer doctor who specializes in radiation treatment) and a Radiation Oncology Nurse. They will explain the treatment and procedure. We encourage you to ask any questions you have.



1



Simulation

 45min

At this appointment a mask will be made for you by a Radiation Therapist to keep your head in the right place for treatment. You will have this mask on for a CT scan (with IV contrast, if needed). This scan will help us to see where we should focus the radiation beam.



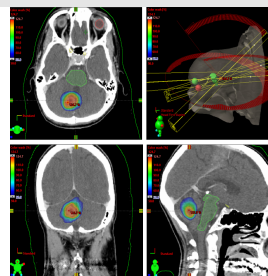
2



Treatment Preparation

 1week

Your Radiation Oncologist, along with a team of Medical Physicists, will create a customized plan for you. This takes time as we study your scan to find the best way to focus the beam on the cancer cells.



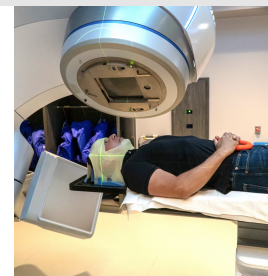
3



Treatment

 30 to 90min*

A Radiation Therapist will position you on the table with your mask on, just like during Simulation. The machine (linear accelerator) will rotate around your head to check your position before starting the treatment. You will not feel, taste or smell the radiation beam. If you have more than 1 treatment, this procedure will happen each time.



4



Follow Up

 30min

Your Radiation Oncologist will meet with you to talk about your follow-up care. This might involve other tests and scans.



5



* Treatment time depends on your customized treatment plan

FOR MORE INFO: - see Sections B and C of the [Radiation Therapy Info Book](#)
- TBCC: 403-521-3800 / CCI: talk with your cancer care team

