

Stereotactic radiosurgery indications

- [Planned Liver Stereotactic Body Radiotherapy for Residual Colorectal Cancer Liver Metastases After Surgery: A Single-Arm Retrospective Study](#)
- [Radiosurgery for pediatric central nervous system lesions - initial report and insights from a multicenter registry](#)
- [Surgical Treatment of Medically Refractory Epilepsy and Related Neuroimaging](#)
- [AO Spine Clinical Practice Recommendations: Reducing the Surgical Footprint of Surgery for Spinal Metastases](#)
- [Stereotactic radiosurgery for brain metastases](#)
- [Innovations in radiotherapy](#)
- [Virtual phantom methodology for assessment of MRI distortion correction in high-precision stereotactic radiosurgery treatment planning](#)
- [A critical appraisal of clinical guidelines on radiotherapy treatments for spinal metastasis](#)

In general, [SRS](#) is useful for well-circumscribed lesions less than approximately 3 cm in diameter. For larger lesions, the [radiation](#) dose must be reduced because of anatomic and radiobiological constraints.

Published uses of SRS include:

● vascular lesions

○ [Intracranial arteriovenous malformations](#) (AVMs)(including dural arteriovenous fistulas)

○ cavernous malformations

● tumors

○ [metastases](#):

see [Stereotactic radiosurgery for brain metastases](#)

see [Stereotactic radiosurgery for Brainstem metastases](#)

○ vestibular schwannomas

○ see [Stereotactic Radiosurgery for intracranial meningioma](#)

○ [pituitary neuroendocrine tumors](#)

○ [glioma stereotactic radiosurgery](#)

○ others: craniopharyngioma, pineal tumors, etc.

● functional disorders

○ trigeminal neuralgia

○ intractable chronic pain: thalamotomy

○ movement disorders: pallidotomy for Parkinson's disease or thalamotomy for tremor (usually not a

technique of choice because of the inability to perform physiologic stimulation before lesioning.
Maybe a consideration for the rare patients who cannot undergo placement of a stimulator/lesioning needle)

☐ psychiatric diseases (e.g. obsessive-compulsive disorder)

☐ epilepsy

Stereotactic radiosurgery for glioblastoma recurrence

[Stereotactic radiosurgery for glioblastoma recurrence.](#)

Vestibular schwannoma radiosurgery

[Vestibular schwannoma radiosurgery.](#)

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Last update: **2025/02/28 23:24**

