



National Imaging Associates, Inc.	
Clinical guideline STEREOTACTIC RADIOTHERAPY (SRS) STEREOTACTIC BODY RADIATION THERAPY (SBRT)	Original Date: May 2011 Page 1 of 7
CPT Codes: 77371, 77372, 77373, G0339, G0340	Last Review Date: July 2018
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INTRODUCTION:

Stereotactic radiation therapy (SRT) is a method of delivering precise high doses of radiation to small targets, while minimizing radiation-related injury in adjacent normal tissues. SRT delivers high doses of radiation in a very short time frame as, between 1 and 5 fractions. There are two types of stereotactic radiation therapy, SRS and SBRT.

Stereotactic radiosurgery (SRS) refers to treatment of any intracranial site consisting of 1 fraction only. Stereotactic body radiotherapy (SBRT) refers to use at any extracranial site or any intracranial site consisting of 2-5 fractions.

Initial Clinical Reviewers (ICRs) and Physician Clinical Reviewers (PCRs) must be able to apply criteria based on individual needs and based on an assessment of the local delivery system.

INDICATIONS FOR STEREOTACTIC RADIATION THERAPY:

- Arteriovenous malformation (AVM) of the brain or spine.
- Initial or recurrent primary brain tumor (e.g. acoustic neuroma, meningioma, hemangioma, pituitary adenoma, craniopharyngioma, low grade glioma, neoplasm of the pineal gland, glioblastoma multiforme, low-grade astrocytoma etc.).
- Initial or recurrent brain metastases for patient who have good performance status (ECOG less than 3 or Karnofsky status 40 or greater with expected return to 70 or greater with treatment) and controlled systemic disease (e.g. newly diagnosed, stable systemic disease or reasonable treatment options.) Refer to the clinical guideline on Central Nervous System (CNS) metastasis.
- Non-operable spinal tumor (primary, recurrent or metastatic) that is causing compression or intractable pain.
- Trigeminal neuralgia that has not responded to other, more conservative, treatments.
- Non-Small Cell Lung Cancer and all of the following:
 - a) Stage I disease; and

The lesion cannot be removed surgically either because the tumor location makes removal difficult, the member is not a surgical candidate, or if the patient refuses surgery.

ADDITIONAL CLINICAL REVIEW REQUIRED:

Stereotactic Radiation Therapy (SRS/SBRT) has not been proven to be superior to conventional therapy and is not a standard treatment option for the treatment of the following conditions:

- Other non-central nervous system cancers unless noted above
- Lung (unless above criteria is met)
- Other cancers including but not limited, breast, colon, liver and pancreas
- Parkinson's disease and other movement disorders (e.g. tremors)
- Epilepsy
- Chronic pain syndromes
- Treatment of functional disorders other than trigeminal neuralgia

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Reviewed / Approved by

Handwritten signature of Caroline Carney in black ink, appearing as 'CCOY'.

Caroline Carney, MD, Chief Medical Officer