**Clinical Review Criteria**

**Stereotactic Radiation (Radiosurgery/Focused Beam/Gamma Knife)**

- CyberKnife Robotic Radiosurgery System
- Fractionated Stereotactic Radiotherapy
- Multiple Brain Metastatic Lesions (5 or more brain metastatic lesions)
- Stereotactic Body Radiation Therapy for Prostate Cancer

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### Criteria

#### For Medicare Members

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<td>Stereotactic Radiosurgery (SRS) and Stereotactic Body Radiation Therapy (SBRT) (L34151)</td>
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#### For Non-Medicare Members

Kaiser Permanente has elected to use the Stereotactic Radiosurgery (KP-0423) MCG* for medical necessity determinations. Please see MCG Guideline Index for access to criteria: [https://kpwa.access.mcg.com/index](https://kpwa.access.mcg.com/index).

*MCG are proprietary and cannot be published and/or distributed.* However, on an individual member basis, Kaiser Permanente can share a copy of the specific criteria document used to make a utilization management decision. If one of your patients is being reviewed using these criteria, you may request a copy of the criteria by calling the Kaiser Permanente Clinical Review staff at 1-800-289-1363 or access the MCG Guideline Index using the link provided above.

If requesting this service, please send the following documentation to support medical necessity:

- Most recent medical oncology notes
- Most recent radiation oncology notes
- Most recent imaging (i.e. CT/MRI)

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<td>Multiple Brain Metastatic Lesions (5 or more brain metastatic lesions)</td>
<td>There is insufficient evidence in the published medical literature to show that this service/therapy is as safe as standard services/therapies and/or provides better long-term outcomes than current standard services/therapies.</td>
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<td>Stereotactic Body Radiation Therapy (SBRT) for Prostate Cancer</td>
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The following information was used in the development of this document and is provided as background only. It is not to be used as coverage criteria. Please only refer to the criteria listed above for coverage determinations.

### Background

Radiosurgery can be defined as the stereotactic (precision) delivery of multiple cross-fired radiation beams to a point or volume within a configured space (Chang 2003). Stereotactic radiosurgery may also be described as a method to destroy targets using single high doses of focused ionizing radiation, administered using stereotactic guidance (Niranjan 2001). It is a combination of minimally invasive technologies administered by a multidisciplinary team consisting of surgeons, oncologists, medical physicists, and engineers.

Stereotactic radiosurgery (SRS) was originally designed to produce functional lesions in the brain. It then evolved to target benign tumors and vascular malformations in surgically inaccessible locations. These indications are continuously expanding with the rapidly evolving technology of radiosurgical systems. Currently it has become an alternative to microsurgery and conventional radiation therapy in the treatment of many lesions in the base of the skull. It is used for vascular, tumor, and functional brain surgery, including arteriovenous malformations, pituitary adenomas, acoustic neuromas, and meningiomas, as well as brain metastases. Radiosurgery was initially limited to the brain because of the requirement of a stereotactic frame attached to the skull to provide a coordinate system for tumor localization. Recent advances however, allow radiosurgical treatment throughout the body without such frames.

A variety of methods have been developed to provide a reference system for the localization study to determine the target coordinates, including fixed frame and frameless systems, removable frame systems, and rigid masks.

Treatment can be repeated any number of times with equal precision as the target is calculated from the position of gold markers. Regardless of the number of sessions, these procedures consist of the following components:

- Head position stabilization (attachment of a frame or frameless)
- Imaging for localization (CT, MRI, or angiography, etc)
- Computer assisted tumor localization
- Treatment planning – number of isocenters, number, placement and length of arcs, beam size and weight, etc.
- Isodose distributions, dosage prescription and calculation
- Setup and quality assurance testing
- Simulation of prescribed arcs or fixed portals
- Stereotactic intervention or treatment itself

Gamma knife, the prototype of stereotactic radiosurgery was first clinically used in 1967. It developed rapidly from the earlier A-units to B units, and in 1999 to Model C that has a robotic engineering. With the gamma knife, the patient’s head is placed within a large metal collimator consisting of a dome-shaped shell with holes that transmit the radiation to the center point. A stereotactic frame is anchored to the skull with four screws that penetrate the outer table to position the head so that the desired target is at the center of the collimator. The use of the frame limited the use of the gamma knife to head lesions, and to patients who could tolerate the rigid frame fixation. Moreover, the use of fractionated treatments that extended for several days was impractical with the frame fixation (Giller 2005).

The CyberKnife is a recently developed frameless stereotactic system that consists of a modified linear accelerator mounted on a robotic arm that moves slowly around the patient. It delivers several beams of radiation at each of many stopping points while minimizing radiation exposure of surrounding tissue (Quinn 2001). Stereotactic precision is achieved without a rigid frame by means of two diagnostic x-ray cameras mounted in the CyberKnife vault and are used to acquire real-time images of the patient’s internal anatomy during treatment. Any patient motion is detected by these images, and the information is used by the robot to compensate and keep the linear acceleration on target. Treatment time ranges from 45-60 minutes and can be given in one fraction, or several fractions with smaller doses given over several days, depending on the condition being treated and the size of the affected area.

The use of the CyberKnife for radiosurgery of organs other than the brain is more challenging and requires several technical refinements. When used for spinal lesions for example, it requires the placement of internal small 2-mm stainless steel screws in the spinal lamina adjacent to the target site as “fiducial markers” (Giller 2005).

Radiosurgery has its advantages as well as risks. It is non-invasive, and can treat poor surgical candidates, and tumors inaccessible to surgery. Moreover, it can safely deliver higher doses of radiation than those used in conventional radiotherapy, while sparing the surrounding tissues from the high levels of radiation. It can thus be more effective in treating radioresistant and recurrent tumors and may be used as a boost to conventional radiotherapy. On the other hand, its was reported that its efficacy is lower and risk of complications higher in larger tumors, or those that were previously treated with radiation. Another limitation is the sensitivity of the optic
nerve and chiasma to radiosurgical doses. There is also the risk of radionecrosis which is a combination of cytotoxic and microvascular tissue injury within the treated field due to radiation. This may be delayed for months, asymptomatic, severe, and/or persistent (Giller 2005).

The CyberKnife was cleared by the FDA in October 2001 for radiosurgery for lesions, tumors, and other conditions in any anatomical site.

Trigeminal neuralgia (tic douloureux) is a disorder of the fifth cranial (trigeminal) nerve that causes episodes of intense, stabbing pain (separated by pain-free periods) in the areas of the face where the branches of the nerve are distributed.

The general approach to treating this disorder is to begin treatment with pharmacological agents and to initiate surgical treatment if medical treatment fails. There are 3 categories of surgical options: 1) Percutaneous procedures (glycerol injection commonly used at GHC); 2) Microvascular decompression; 3) Focused beam radiosurgery (gamma knife, LINAC). According to the MRU, GHC patients currently referred for radiosurgery on a case-by-case basis).

In gamma knife radiosurgery, magnetic resonance imaging (MRI) is used to identify the trigeminal nerve root. Subsequently, a single 4-mm isocenter of radiation is delivered to the trigeminal nerve root (just posterior to the pons). The radiation dose is 70-90 Gy. No surgical incisions are made.

**Evidence and Source Documents**

- Gamma Knife in the treatment of Trigeminal Neuralgia
- CyberKnife Robotic Radiosurgery System
- Gamma Knife in the treatment of five or more brain metastatic lesions
- Stereotactic Body Radiation Therapy (SBRT) for Prostate Cancer

**Medical Technology Assessment Committee (MTAC)**

**Gamma Knife in the treatment of Trigeminal Neuralgia**

**04/12/2000: MTAC REVIEW**

**Evidence Conclusion:** Since this topic was last reviewed in 1997, there have been two moderately sized case series articles published examining gamma knife radiosurgery on trigeminal neuralgia. A substantial proportion of patients improved after treatment with low rates of adverse outcomes. Case series have numerous threats to validity and provide weak evidence. If patients with trigeminal neuralgia are known to uniformly experience unrelenting pain, however, the improvement reported in these papers is more suggestive of efficacy. Even in this situation, it is not known whether alternate treatments might be as or more effective than gamma knife radiosurgery. If pain episodes tend to occur infrequently, case series results are less impressive because many patients would likely have been in remission during the initial follow-up period.

**Articles:** Articles were selected based on study type. For gamma knife therapy, there were no randomized control trials or meta-analyses. Several case series were sub-sets of subsequent case series. The largest and most comprehensive case series that had not been previously reviewed for the 1997 CPC evaluation were selected for critical appraisal and evidence tables were created (Kondziolka, D, Perez, B, Flickinger, JC, Habeck, M, Lunsford, D. Gamma knife radiosurgery for trigeminal neuralgia. Arch Neurol 1998; 55: 1524-1528. Young, RF, Vermeulen, S, Posewitz, A. Gamma knife radiosurgery for the treatment of trigeminal neuralgia. Stereotact Funct Neurosurg 1998; 70 (suppl 1): 192-199). The search on LINAC did not yield any additional articles. One book chapter on LINAC was located. This reported on a case series with 10 patients and was not included in this review due to the small sample size. Young, RF, Vermeulen, S, Posewitz, A. Gamma knife radiosurgery for the treatment of trigeminal neuralgia. Stereotact Funct Neurosurg 1998; 70 (suppl 1): 192-199. See **Evidence Table**. Kondziolka, D, Perez, B, Flickinger, JC, Habeck, M, Lunsford, D. Gammaknife radiosurgery for trigeminal neuralgia. Arch Neurol 1998; 55: 1524-1528. See **Evidence Table**.

The use of Gamma Knife in the treatment of Trigeminal Neuralgia does not meet the **Kaiser Permanente Medical Technology Assessment Criteria**.

**CyberKnife Robotic Radiosurgery System**

**06/05/2006: MTAC REVIEW**

**Evidence Conclusion:** CyberKnife; There were no published meta-analyses or randomized controlled trials on the CyberKnife radiosurgery system. There were only case reports and small case series with no control or comparison groups. Case series have numerous threats to validity and provide the weakest grade of evidence,
Chang, et al reported on their experience with radiosurgical treatment with the CyberKnife among 61 patients treated in their center at Stanford University over 3 years, and who had at least 36 months of follow-up. The treatment was not compared to an alternative therapy. Data were collected both prospectively and retrospectively, and the main outcome was the tumor response and hearing preservation. The authors did not discuss any inclusion/exclusion criteria, included a heterogeneous group of patients, and two fractionation regimens for the therapy were used. After 36 months of observation, the tumor size decreased among 48% of the patients, was stable among 50%, and increased in size in 2%. Ninety percent of those with those with measurable hearing maintained their hearing level after treatment. Gerszten and colleagues reported their experience with CyberKnife radiosurgery for spinal lesions among 115 patients with several variations in their baseline characteristics and indications for the treatment. It was also a case series with no control or comparison group and potential selection and observation biases. The median follow-up duration was 18 months, and the outcome was improvement in pain, and tumor control. The results of the series indicate that 94% of the patients presenting with significant pain described an improvement in their pain using a 10-point scale after one month of the treatment. The condition did not progress among those who received the therapy as the primary treatment modality or those who had undergone previous surgery. In conclusion the published literature to date does not provide sufficient evidence to determine the efficacy of Cyberknife for stereotactic radiosurgery for lesions or tumors in various anatomical sites.

**Articles:** The search yielded 71 articles. There were no meta-analyses or randomized control trials on CyberKnife robotic surgery. There were several small case reports and series that dealt with the technology for the treatment of several lesions in different parts of the body including pituitary tumors, extracranial lesions, metastatic brain tumors, acoustic neuromas, trigeminal neuralgia, spinal lesions, lung, renal, and prostate cancer. Gerstzen et al, published two articles on the same series of patients. The largest and most comprehensive case series, and/or the series with long-term follow-up were selected for critical appraisal.Chang SD, Gibbs IC, Sakamoto GT. Staged stereotactic irradiation for acoustic neuromas. Neurosurgery. 2005; 56:1245-1263. See Evidence Table. Gerszten PC, Ozhasoglu C, Burton SA, et al. Evaluation of CyberKnife frameless real-time image-guided stereotactic radiosurgery for spinal lesions. Stereotact Funct Neurosurg. 2003; 81:84-89. See Evidence Table. Gerszten PC, Ozhasoglu C, Burton SA, et al. CyberKnife frameless stereotactic radiosurgery for spinal lesions: Clinical experience in 125 cases. Neurosurgery. 2004; 55:89-99. See Evidence Table.

The use of CyberKnife Robotic Radiosurgery System in the treatment of lesions, tumors, and other conditions in any anatomical site does not meet the Kaiser Permanente Medical Technology Assessment Criteria.

**Gamma Knife in the treatment of five or more brain metastatic lesions**

02/09/2015: MTAC REVIEW

**Evidence Conclusion:** To date, there is no direct evidence from randomized controlled trials to determine that stereotactic radiosurgery alone or in combination with WBRT for patients with more than 4 brain metastases leads to better or equivalent outcomes to those of WBRT as regards overall survival, local recurrence, need for salvage therapy, neurological functioning, quality of life, or other outcomes. The best published evidence consists of a recent large prospective observational study of patients with one to 10 brain metastases (Yamamato et al, 2014), two case-matched studies conducted by the same principal author and colleagues, that compared SRS treatment results for patients with 1-4 versus ≥ 5 tumors and 2-9 vs. >10 brain metastases (Yamamoto et al. 2013 & 2014 respectively), and a number of retrospective analyses of patients for multiple brain metastases treated with SRS used alone or in conjunction with surgical excision or WBRT. The prospective study conducted by Yamamoto and colleagues (2014, Evidence table 1) included 1,194 patients with 1-10 newly diagnosed brain metastasis, with a maximum lesion volume <15 mL, and a Karnofsky performance status (KPS) score of ≥70. All patients received standard stereotactic radiosurgery and the primary outcome was overall survival for which the non-inferiority margin for the comparison of outcomes in patients with two to four brain metastases with those of patients with five to ten brain metastases was set as the value of the upper 95% CI for a hazard ratio (HR) of 1.30. The results of the analysis showed a median overall survival after stereotactic radiosurgery of 13.9 months in the patients with one brain metastasis, 10.8 months for those with 2-4 metastases, and 10.8 months among those with 5-10 lesions). Overall survival did not differ between the patients with two to four vs. those with 5-10 lesions (HR 0.97, 95% CI 0.81-1.18). This was less than the value of non-inferiority margin set by the authors a priori. The same group of investigators performed two retrospective case matched-studies performed to examine whether treatment results of SRS alone for patient with five or more brain metastases differ from those for patients with 1-4 metastases in one study, and for patients with 2-9 versus 10 or more lesions in the other study (Yamamoto et al 2013, 2014). Overall the analysis comparing outcomes of SRS in patients with more than 5 metastases versus 1-4 showed a minimal, but statistically significant higher survival in patients with 1-4 versus ≥ 5 metastases. There were no significant differences between the subgroups in other outcomes including death due to progression of brain disease, need for salvage WBRT, salvage surgery, repeat SRS for new tumors, neurological deterioration, or SRS-related
Stereotactic Body Radiation Therapy (SBRT) for Prostate Cancer

Background
Prostate cancer is one of the most common cancers, and the second leading cause of cancer death in men in the US. There are many treatment options for a localized disease, and each has its advantages and side effects. The choice of intervention should be considered carefully, balancing the benefits and harms as they relate to the patient's age, overall health, and personal preferences. External beam radiation therapy (EBRT) is one of the standard treatment options for localized prostate cancer and research shows that there is a dose response for biochemical relapse-free survival. However, the increase in radiation dose to the prostate also results in an increase in exposure to the adjacent organs at risk (namely the bladder, urethra, and rectum). The National Comprehensive Cancer Network (NCCN) Prostate Cancer Guideline (2014) states that doses of 75.6–79.2 Gy in conventional fractions to the prostate are appropriate for patients with low-risk cancers, and that patients with intermediate- or high-risk disease should receive doses up to 81.0 Gy. Several advanced techniques have been developed within the last two decades to deliver these high doses of radiation to the prostate while sparing the surrounding normal tissues. Currently intensity-modulated radiation therapy (IMRT) is the most common EBRT modality used for the treatment of localized prostate cancer. IMRT involves the external delivery of multiple beams of radiation that conform to the shape of the tumor, and where the intensity of each beam can be modulated in order to spare the surrounding healthy tissue. IMRT is typically delivered in 38-45 fractions (treatment sessions) and requires 7-9 weeks of treatment (Parthan 2012, Yamazaki 2014, NCCN 2014). Slowly proliferating prostate cancer cells are thought to have a unique radiobiology that is characterized by a low α/β ratio (around 1.5 Gy as opposed to about 10 Gy for other cancers). This assumption was first promoted in 1999 by Brenner and Hall, based on their observation of 367 patients from two centers. They noted that this low α/β ratio of prostate cancer is comparable or lower than that for late-responding normal tissue (experiments on
rodents suggest that α/β ratio for the rectum is 4-6 Gy). This suggests that prostate cancer cells have a high degree of sensitivity to dose per fraction, and that the use of fewer high-dose per fraction radiation treatments (hypofractionation) would improve local tumor control. This theory is controversial, supported by some investigators and questioned by others, yet it provided the biologic rationale in favor of hypofractionated radiotherapy for localized prostate cancer (Brenner 1999, Freeman 2011, McBride 2012, Bolzicco 2013, Cabrera 2013, Katz 2013, Olai 2013, Mangoni 2014, Tan 2014). Hypofractionation may be defined as moderate (2.4-4 Gy per fraction) or extreme (6.5-10 Gy per fraction). Extreme hypofractionation with high-dose-rate brachytherapy (HDR-BT) has been used in some centers for the treatment of prostate cancer, either as a monotherapy or in combination with EBRT. HDR-BT therapy, however, is not widely adopted due to its relatively invasive nature, need for hospitalization, anesthesia, resources, and technical expertise for the planning and delivery of therapy. It also requires prolonged bed rest that increases the risk of infection and thromboembolism (Jabbari 2012, Fukudo 2014, Koh 2014). Stereotactic radiation therapy refers to non-surgical techniques that deliver precisely-targeted (within a few millimeters) external beam photon radiotherapy. Stereotactic techniques are often used to deliver much higher doses per treatment (in only a single or few treatments), compared to traditional radiation therapy. Stereotactic radiosurgery (SRS) was initially developed to treat small brain tumors and functional abnormalities of the brain. Stereotactic body radiotherapy (SBRT) has recently emerged, and is highly marketed, as a non-invasive alternative to HDR-BT for delivering hypofractionated radiotherapy to the prostate. The term 'stereotactic' means precise positioning of the target within three-dimensional space, and the term 'body' is used to distinguish the technique from the current terminology of SRS used for brain tumors. SRS and SBRT rely on several technologies: 1. Three-dimensional imaging and localization techniques that determine the exact coordinates of the target within the body, 2. Systems to immobilize and carefully position the patient and maintain it during therapy, 3. Highly focused gamma-ray or x-ray beams that converge on a tumor or abnormality, and 4. Image-guided radiation therapy to improve the precision and accuracy of the treatment (Freeman 2011, Radiology Info.org, Aneja 2014, Tan 2014). SBRT for prostate cancer delivers the entire course of therapy in 4-5 visits over 2-2.5 weeks, compared with up to 45 fractions over 9 weeks with conventional fractionation. Thus, it may be more convenient to patients, potentially improve their adherence to therapy, reduce staff and machine burden, and according to a number of analyses (based on modeling), may be less costly than EBRT. However, the use of SBRT for prostate cancer is an area of controversy in the radiation oncology community and is still regarded by many as an experimental treatment. The mechanism of cell kill with large hypofractionated doses is not fully understood in vivo, and many radiation oncologists have concerns over the potential toxicity of the very high ablative doses delivered per fraction, as well as the risk of disease recurrence (Hodges 2012, Parthan 2012, Cabrera 2013, Seison 2013, Tan 2014). CyberKnife® (Accuray Incorporated, Sunnyvale, CA) is one of the devices used for delivering SBRT. It is a non-gantry-based frameless robotic stereotactic radiation delivery system that consists of a 6MV linear accelerator mounted on a robotic arm, with two orthogonal X-ray imagers to track the inserted gold fiducial markers (GFM) and perform real-time corrections for target repositioning during treatment. CyberKnife delivers hundreds of individualized circular beams with a targeting error of less than 1 mm, allowing the safe delivery of highly conformal treatment plans. To date, CyberKnife has been used to treat tumors of the head and neck, lung, kidney, liver, pancreas, and prostate. The CyberKnife SBRT treatment protocol has two principal phases; treatment planning and treatment delivery. The treatment planning phase involves the implanting of three to four gold fiducial markers (GFMs) in the apex, intermediate lateral zone, and base of the prostate using TRUS for image guided positioning and motion tracking, followed by treatment planning using CT to differentiate the prostate and proximal seminal vesicles from the surrounding tissue. Treatment is then delivered to the prostate by the CyberKnife system in four or five fractions to a total of 34-39 Gy, given on consecutive or alternating days, according to the study protocol (Freeman 2011, Chen 2013, Seisen 2013). CyberKnife was previously reviewed by MTAC in 2006 for the treatment of lesions or tumors in any anatomical site and did not meet MTAC evaluation criteria. The current review is limited to the use of CyberKnife SBRT for the treatment of prostate cancer, based on a request for coverage of the technology.

10/20/2014: MTAC REVIEW

Stereotactic Body Radiation Therapy (SBRT)

Evidence Conclusion:

Conclusion: Overall the results of the published small observational phase I and II trials indicate that SBRT has favorable outcomes in terms of short-term biochemical control, and with acceptable toxicity. However, the literature does not provide sufficient evidence to determine the comparative effectiveness of SBRT to other conventional radiotherapy techniques, or the durability of the observed biochemical control and low toxicity associated with the treatment beyond 3-5 years. The published studies did not examine the long-term safety of SBRT or its clinical effects in terms of disease-free survival, metastases-free survival, or overall survival. Larger trials with longer follow-up duration are required to evaluate the long-term safety and effects of SBRT, especially that late toxicity could be worse with extreme hypofractionation compared to the conventional hypofractionation. A number of RCTs involving extreme hypofractionation are underway and may provide more evidence on the safety
and efficacy of SBRT compared to conventional therapies for the treatment of localized prostate cancer. However, it will be several years before the results of these trials are published. These ongoing studies are: PACE (Prostate Advances in Comparative Evidence) is an ongoing international randomized phase III study comparing SBRT using Cyberknife, radical prostatectomy, and IMRT (78 Gy in 39 fractions) for low and intermediate risk prostate cancer. HYPO-RT-PC (Hypofractionated radiotherapy of intermediate risk localized prostate cancer) is a Swedish phase III trial that will compare 78Gy in 39 fractions delivered with IMRT over 8 weeks vs. SBRT 42.7 Gy in 7 fractions of 6.1 Gy over 2.5 weeks. RTOG 0938 is a randomised phase II trial that compares the health related side effects of 2 hypofractionation regimens (36.25 Gy delivered twice weekly for a total of 5 treatment sessions (7.25 Gy /session) over 15-17 days versus 51.6 Gy delivered in 12 daily treatment sessions (4.3 Gy per session) over 16-18 days) for low-risk patients.

**Articles:** The literature search revealed over 200 articles, the majority of which were reviews, description of hypofractionation radiation therapy, or studies that were unrelated to the current review. No randomized controlled trials (RCTs) comparing SBRT to conventional EBRT regimens or low dose brachytherapy for low-risk prostate cancer were identified. The published empirical studies on the use of the technology for prostate cancer were only phase I and phase II feasibility trials conducted in a number of centers in US and overseas. The search also revealed a pooled analysis (King et al, 2013) of the results of the phase II trials conducted in 8 institutions participating in a consortium for prostate SBRT, as well as a number of published systematic reviews (with no meta-analyses) for hypofractionation therapy in general, or SBRT for the treatment of localized prostate cancer. The pooled analysis by King and colleagues, and the larger phase II trials with the longest follow-up duration were selected for critical appraisal: King CR, Brooks JD, Gill H, et al. Long-term outcomes from a prospective trial of stereotactic body radiotherapy for low-risk prostate cancer. Int J Radiat Oncol Biol Phys. 2012; 82:877-882. See Evidence Table 1. King CR, Freeman D, Kaplan I, et al. Stereotactic body radiotherapy for localized prostate cancer: pooled analysis from a multi-institutional consortium of prospective phase II trials. Radiother Oncol. 2013; 109:217-221. See Evidence Table 1. King CR, Collins S, Fuller D, et al. Health-related quality of life after stereotactic body radiation therapy for localized prostate cancer: results from a multi-institutional consortium of prospective trials. Int J Radiat Oncol Biol Phys. 2013;87(5):939-45. See Evidence Table 1 Chen LN, Suy S, Uhm S, et al. Stereotactic body radiation therapy (SBRT) for clinically localized prostate cancer: the Georgetown University experience. Radiat Oncol. 2013;8: 58.doi: 10.1186/1748-717X-8-58. See Evidence Table 2


The use of Stereotactic body radiation therapy (SBRT) for Prostate Cancer does not meet the Kaiser Permanente Medical Technology Assessment Criteria.

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MDCRPC Medical Director Clinical Review and Policy Committee
MPC Medical Policy Committee

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**Codes**
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