

Aetna
Comprehensive Procedure List: Radiation Oncology

CPT® Code	CPT® Code Description
Brachytherapy	
77761	Intracavitary radiation source application; simple
77762	Intracavitary radiation source application; intermediate
77763	Intracavitary radiation source application; complex
77767	HDR radionuclide skin surface brachytherapy; lesion diameter up to 2.0 cm or 1 channel
77768	HDR radionuclide skin surface brachytherapy; lesion diameter over 2.0 cm and 2 or more channels, or multiple lesions
77770	HDR radionuclide interstitial or intracavitary brachytherapy; 1 channel
77771	HDR radionuclide rate interstitial or intracavitary brachytherapy; 2 to 12 channels
77772	HDR radionuclide interstitial or intracavitary brachytherapy; over 12 channels
77778	Interstitial radiation source application, complex, includes supervision, handling, loading of radiation source when performed
77789	Surface application of low dose rate radionuclide source
0395T	HDR electronic brachytherapy, interstitial or intracavitary treatment, per fraction
Cardiac Focal Ablation	
0747T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; delivery of radiation therapy, arrhythmia
Stereotactic Radiation Therapy	
77371	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; multi-source Cobalt 60 based
77372	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; linear accelerator based
77373	Stereotactic body radiation therapy, treatment delivery, per fraction to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions
G0339	Image guided robotic linear accelerator-based stereotactic radiosurgery, complete course of therapy in one session or first session of fractionated treatment
G0340	Image guided robotic linear accelerator-based stereotactic radiosurgery, delivery including collimator changes and custom plugging, fractionated treatment, all lesions, per session, second through fifth sessions, maximum 5 sessions per course of treatment

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Neutron Beam Radiation Therapy	
77423	High energy neutron radiation treatment delivery; 1 or more isocenter(s) with coplanar or non-coplanar geometry with blocking and/or wedge, and/or compensator(s)
Intraoperative Radiation Therapy (IORT)	
77424	Intraoperative radiation treatment delivery, x-ray, single treatment session
77425	Intraoperative radiation treatment delivery, electrons, single treatment session
Proton Beam Radiation Therapy	
77520	Proton treatment delivery; simple, without compensation
77522	Proton treatment delivery; simple, with compensation
77523	Proton treatment delivery; intermediate
77525	Proton treatment delivery; complex
Hyperthermia Treatment	
77600	Hyperthermia, externally generated; superficial (ie, heating to a depth of 4 cm or less)
77605	Hyperthermia, externally generated; deep (ie, heating to depths greater than 4 cm)
77610	Hyperthermia generated by interstitial probe(s); 5 or fewer interstitial applicators
77615	Hyperthermia generated by interstitial probe(s); more than 5 interstitial applicators
77620	Hyperthermia generated by intracavitary probe(s)
Radiation Treatment Delivery	
77402	Radiation treatment delivery; Level 1 (eg, single-electron field, multiple-electron fields, or 2D photons), including imaging guidance, when performed
77407	Radiation treatment delivery; Level 2, single-isocenter (eg, 3D or IMRT), photons, including imaging guidance, when performed
77412	Radiation treatment delivery; Level 3, multiple isocenters with photon therapy (eg, 2D, 3D, or IMRT) or a single-isocenter photon therapy (eg, 3D or IMRT) with active motion management, or total skin electrons, or mixed-electron/photon field(s), including imaging guidance, when performed
77437	Surface radiation therapy; superficial, delivery, =150 kV, per fraction (eg, electronic brachytherapy)
77438	Surface radiation therapy; orthovoltage, delivery, >150-500 kV, per fraction
77439	Surface radiation therapy; superficial or orthovoltage, image guidance, ultrasound for placement of radiation therapy fields for treatment of cutaneous tumors, per course of treatment (List separately in addition to code for primary procedure)

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Image-Guided Radiation (IGRT)	
77387	Guidance for localization of target volume for delivery of radiation treatment, includes intrafraction tracking, when performed
Therapeutic Radiopharmaceuticals	
79005	Radiopharmaceutical therapy, by oral administration; used for I-131 treatment
79101	Radiopharmaceutical, therapy, by intravenous administration
A9513	Lutetium Lu 177, dotatate, therapeutic, 1 mCi
A9606	Radium RA-223 dichloride, therapeutic, per microcurie (Xofigo)
A9607	Lutetium Lu 177 vipivotide tetraxetan, therapeutic, 1 millicurie
C2616	Brachytherapy source, nonstranded, yttrium-90, per source
A9699	Radiopharmaceutical, therapeutic, not otherwise classified

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