GHI/Emblem Non-City of New York & Medicare and HIP/Emblem
Radiation Oncology Code List

CPT® Code	CPT® Code Description	Requires PA
	Brachytherapy	
0394T	HDR electronic brachytherapy, skin surface application, per fraction	No
0395T	HDR electronic brachytherapy, interstitial or intracavitary treatment, per fraction	No
77316	Brachytherapy isodose plan; simple (calculation[s] made from 1 to 4 sources, or remote afterloading brachytherapy, 1 channel), includes basic dosimetry calculation(s)	No
77317	Brachytherapy isodose plan; intermediate (calculation[s] made from 5 to 10 sources, or remote afterloading brachytherapy, 2-12 channels), includes basic dosimetry calculation(s)	No
77318	Brachytherapy isodose plan; complex (calculation[s] made from over 10 sources, or remote afterloading brachytherapy, over 12 channels), includes basic dosimetry calculation(s)	No
77761	Intracavitary radiation source application; simple	Yes
77762	Intracavitary radiation source application; intermediate	Yes
77763	Intracavitary radiation source application; complex	Yes
77767	HDR radionuclide skin surface brachytherapy; lesion diameter up to 2.0 cm or 1 channel	Yes
77768	HDR radionuclide skin surface brachytherapy; lesion diameter over 2.0 cm and 2 or more channels, or multiple lesions	Yes
77770	HDR radionuclide interstitial or intracavitary brachytherapy; 1 channel	Yes
77771	HDR radionuclide rate interstitial or intracavitary brachytherapy; 2 to 12 channels	Yes
77772	HDR radionuclide interstitial or intracavitary brachytherapy; over 12 channels	Yes
77778	Interstitial radiation source application, complex, includes supervision, handling, loading of radiation source when performed	Yes
77789	Surface application of low dose rate radionuclide source	No
77790	Supervision, handling, loading of radiation source	No
77799	Unlisted procedure, clinical brachytherapy (this code to be used in place of 77776 and 77777)	No
C2616	Brachytherapy source, nonstranded, yttrium-90, per source	No
C9726	Placement and removal (if performed) of applicator into breast for radiation therapy	No
G0458	Low dose rate (LDR) prostate brachytherapy services, composite rate	No
S2095	Transcatheter occlusion or embolization for tumor destruction, percutaneous, any method, using yttrium-90 microspheres	No
	Cardiac Focal Ablation	
0745T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; noninvasive arrhythmia localization and mapping of arrhythmia site (nidus), derived from anatomical image data (eg, CT, MRI, or myocardial perfusion scan) and electrical data (eg, 12-lead ECG data), and identification of areas of avoidance	
0746T	Cardiac focal ablation utilizing radiation therapy for arrhythmia; conversion of arrhythmia localization and mapping of arrhythmia site (nidus) into a multidimensional radiation treatment plan	

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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	Yes
77372	Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; linear accelerator based	Yes
77373	Stereotactic body radiation therapy, treatment delivery, per fraction to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions	Yes
77432	Stereotactic radiation treatment management of cranial lesion(s) (complete course of treatment consisting of 1 session)	No
77435	Stereotactic body radiation therapy, treatment management, per treatment course, to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions	No
G0339	Image guided robotic linear accelerator-based stereotactic radiosurgery, complete course of therapy in one session or first session of fractionated treatment	Yes
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	Yes
Intensity Modulated Radiation Therapy (IMRT)		
77301	Intensity modulated radiotherapy plan, including dose-volume histograms for target and critical structure partial tolerance specifications	No
77338	Multi-leaf collimator (MLC) device(s) for intensity modulated radiation therapy (IMRT), design and construction per IMRT plan	No
77385	Intensity modulated radiation treatment delivery (IMRT), includes guidance and tracking, when performed; simple	Yes
77386	Intensity modulated radiation treatment delivery (IMRT), includes guidance and tracking, when performed; complex	Yes
G6015	Intensity modulated treatment delivery, single or multiple fields/arcs,via narrow spatially and temporally modulated beams, binary, dynamic mlc, per treatment session	Yes
G6016	Compensator-based beam modulation treatment delivery of inverse planned treatment using 3 or more high resolution (milled or cast) compensator, convergent beam modulated fields, per treatment session	Yes
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)	Yes
Intraoperative Radiation Therapy (IORT)		
19294	Preparation of tumor cavity, with placement of radiation therapy applicator for intraoperative radiation therapy (IORT), concurrent with partial mastectomy	No
77424	Intraoperative radiation treatment delivery, x-ray, single treatment session	Yes
77425	Intraoperative radiation treatment delivery, electrons, single treatment session	Yes
77469	Intraoperative radiation treatment management	No
Proton Beam Radiation Therapy		
77520	Proton treatment delivery; simple, without compensation	Yes
77522	Proton treatment delivery; simple, with compensation	Yes
77523	Proton treatment delivery; intermediate	Yes
77525	Proton treatment delivery; complex	Yes
S8030	Scleral application of tantalum ring(s) for localization of lesions for proton beam therapy	No
Hyperthermia Treatment		
77600	Hyperthermia, externally generated; superficial (ie, heating to a depth of 4 cm or less)	Yes

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77605	Hyperthermia, externally generated; deep (ie, heating to depths greater than 4 cm)	Yes
77610	Hyperthermia generated by interstitial probe(s); 5 or fewer interstitial applicators	Yes
77615	Hyperthermia generated by interstitial probe(s); more than 5 interstitial applicators	Yes
77620	Hyperthermia generated by intracavitary probe(s)	Yes
Radiation Treatment Management		
77427	Radiation treatment management, 5 treatments	No
77431	Radiation therapy management with complete course of therapy consisting of 1 or 2 fractions only	No
77470	Special treatment procedure (eg, total body irradiation, hemibody radiation, per oral or endocavitary irradiation)	No
77499	Unlisted procedure, therapeutic radiology treatment management	No
Radiation Treatment Planning		
77261	Therapeutic radiology treatment planning; simple	No
77262	Therapeutic radiology treatment planning; intermediate	No
77263	Therapeutic radiology treatment planning; complex	No
77280	Therapeutic radiology simulation-aided field setting; simple	No
77285	Therapeutic radiology simulation-aided field setting; intermediate	No
77290	Therapeutic radiology simulation-aided field setting; complex	No
77293	Respiratory motion management simulation (List separately in addition to code for primary procedure)	No
Radiation Treatment Delivery		
77401	Radiation treatment delivery, superficial and/or ortho voltage, per day	Yes
77402	Radiation treatment delivery, >1 MeV; simple	Yes
77407	Radiation treatment delivery; two separate treatment areas; three or more ports on a single treatment area; or three or more simple blocks;>=1 MeV; intermediate	Yes
77412	Radiation treatment delivery; three or more separate treatment areas; custom blocking; tangential ports; wedges; rotational beam; field-in-field or other tissue compensation that does not meet IMRT guidelines; or electron beam; >=1 MeV; complex	Yes
77417	Therapeutic radiology port images(s)	Yes
G6003	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: up to 5mev	Yes
G6004	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 6-10mev	Yes
G6005	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 11-19mev	Yes
G6006	Radiation treatment delivery, single treatment area,single port or parallel opposed ports, simple blocks or no blocks: 20mev or greater	Yes
G6007	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: up to 5mev	Yes
G6008	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 6-10mev	Yes
G6009	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 11-19mev	Yes
G6010	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks: 20 mev or greater	Yes
G6011	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; up to 5mev	Yes
G6012	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 6-10mev	Yes

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G6013	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 11-19mev	Yes
G6014	Radiation treatment delivery,3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 20mev or greater	Yes
Image-Guided Radiation (IGRT)		
77014	Computed tomography guidance for placement of radiation therapy fields	Yes
77387	Guidance for localization of target volume for delivery of radiation treatment, includes intrafraction tracking, when performed	Yes
G6001	Ultrasonic guidance for placement of radiation therapy fields	Yes
G6002	Stereoscopic x-ray guidance for localization of target volume for the delivery of radiation therapy	Yes
G6017	Intra-fraction localization and tracking of target or patient motion during delivery of radiation therapy (eg, 3d positional tracking, gating, 3d surface tracking), each fraction of treatment	No
Medical Radiation Physics, Dosimetry, and Treatment Devices		
77295	3-dimensional radiotherapy plan, including dose-volume histograms	No
77300	Basic radiation dosimetry calculation, central axis depth dose calculation, TDF, NSD, gap calculation, off axis factor, tissue inhomogeneity factors, calculation of non-ionizing radiation surface and depth dose, as required during course of treatment, onl	No
77306	Teletherapy isodose plan; simple (1 or 2 unmodified ports directed to a single area of interest), includes basic dosimetry calculation(s)	No
77307	Teletherapy isodose plan; complex (multiple treatment areas, tangential ports, the use of wedges, blocking, rotational beam, or special beam considerations), includes basic dosimetry calculation(s)	No
77321	Special teletherapy port plan, particles, hemibody, total body	No
77331	Special dosimetry (eg, TLD, microdosimetry) (specify), only when prescribed by the treating physician	No
77332	Treatment devices, design and construction; simple (simple block, simple bolus)	No
77333	Treatment devices, design and construction; intermediate (multiple blocks, stents, bite blocks, special bolus)	No
77334	Treatment devices, design and construction; complex (irregular blocks, special shields, compensators, wedges, molds or casts)	No
77336	Continuing medical physics consultation, including assessment of treatment parameters, quality assurance of dose delivery, and review of patient treatment documentation in support of the radiation oncologist, reported per week of therapy	No
77370	Special medical radiation physics consultation	No
77399	Unlisted procedure, medical radiation physics, dosimetry and treatment devices, and special services	No
Therapeutic Radiopharmaceuticals		
77750	Infusion or instillation of radioelement solution (includes 3-month follow-up care)	Yes
79005	Radiopharmaceutical therapy, by oral administration; used for I-131 treatment	Yes
79101	Updated codes 77750 and G6017	Yes
79403	Radiopharmaceutical therapy, radiolabeled monoclonal antibody by intravenous infusion	Yes
A9513	Lutetium Lu 177, dotatate, therapeutic, 1 mCi	Yes
A9543	Yttrium 90 Ibritumomab Tiuxetan (Zevalin)	Yes
A9606	Radium RA-223 dichloride, therapeutic, per microcurie (Xofigo)	Yes
A9590	Iodine i-131, iobenguane, 1 millicurie	Yes
A9699	Radiopharmaceutical, therapeutic, not otherwise classified	Yes
Associated Services with Radiation Therapy		

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19296	Placement of radiotherapy afterloading expandable catheter (single or multichannel) into the breast for interstitial radioelement application following partial mastectomy, includes imaging guidance; on date separate from partial mastectomy	No
19297	Placement of radiotherapy afterloading expandable catheter (single or multichannel) into the breast for interstitial radioelement application following partial mastectomy, includes imaging guidance; concurrent with partial mastectomy (List separately in addition to code for primary procedure)	No
19298	Placement of radiotherapy after loading brachytherapy catheters (multiple tube and button type) into the breast for interstitial radioelement application following (at the time of or subsequent to) partial mastectomy, includes imaging guidance	No
31643	Bronchoscopy, rigid or flexible, including fluoroscopic guidance, when performed; with placement of catheter(s) for intracavitary radioelement application	No
32553	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), percutaneous, intra-thoracic, single or multiple	No
41019	Placement of needles, catheters, or other device(s) into the head and/or neck region (percutaneous, transoral, or transnasal) for subsequent interstitial radioelement application	No
49411	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), percutaneous, intra-abdominal, intra-pelvic (except prostate), and/or retroperitoneum, single or multiple	No
49412	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), open, intra-abdominal, intrapelvic, and/or retroperitoneum, including image guidance, if performed, single or multiple (List separately in addition to code for primary procedure)	No
55875	Transperineal placement of needles or catheters into prostate for interstitial radioelement application, with or without cystoscopy	No
55876	Placement of interstitial device(s) for radiation therapy guidance (eg, fiducial markers, dosimeter), prostate (via needle, any approach), single or multiple	No
55920	Placement of needles or catheters into pelvic organs and/or genitalia (except prostate) for subsequent interstitial radioelement application	No
57155	Insertion of uterine tandem and/or vaginal ovoids for clinical brachytherapy	No
57156	Insertion of a vaginal radiation afterloading apparatus for clinical brachytherapy	No
58346	Insertion of Heyman capsules for clinical brachytherapy	No
76873	Ultrasound, transrectal; prostate volume study for brachytherapy treatment planning (separate procedure)	No
76965	Ultrasonic guidance for interstitial radioelement application	No
Neuro SRS		
61796	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 simple cranial lesion	No
61797	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, simple (List separately in addition to code for primary procedure)	No
61798	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); 1 complex cranial lesion	No
61799	Stereotactic radiosurgery (particle beam, gamma ray, or linear accelerator); each additional cranial lesion, complex (List separately in addition to code for primary procedure)	No
61800	Application of stereotactic headframe for stereotactic radiosurgery (List separately in addition to code for primary procedure)	No