



Procedure Codes

2011

RadConsult provides real-time decision support for physicians who order high-cost imaging procedures

RADIATION THERAPY

2D3D **CODES:**

Therapeutic radiology treatment planning; simple	77261
Therapeutic radiology treatment planning; intermediate	77262
Therapeutic radiology treatment planning; complex	77263
Teletherapy, isodose plan (whether hand or computer calculated); simple (one or two parallel opposed unmodified ports directed to a single area of interest)	77305
Teletherapy, isodose plan (whether hand or computer calculated); intermediate (three or more treatment ports directed to a single area of interest)	77310
Teletherapy, isodose plan (whether hand or computer calculated); complex (mantle or inverted Y, tangential ports, the use of wedges, compensators, complex blocking, rotational beam, or special beam consideration)	77315
Special teletherapy port plan, particles, hemibody, total body	77321
Radiation treatment delivery, superficial and / or ortho voltage	77401
Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; up to 5 MeV	77402
Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 6-10 MeV	77403
Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 11-19 MeV	77404
Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 20 MeV or greater	77406
Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; up to 5 MeV	77407
Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; 6-10 MeV	77408
Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; 11-19 MeV	77409
Radiation treatment delivery, two separate treatment areas, three or more ports on a single treatment area, use of multiple blocks; 20 MeV or greater	77411
Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; up to 5 MeV	77412
Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 6-10 MeV	77413
Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 11-19 MeV	77414
Radiation treatment delivery, three or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 20 MeV or greater	77416

Brachytherapy **CODES:**

Brachytherapy isodose plan; simple (calculation made from single plane, one to four sources/ribbon application, remote afterloading brachytherapy, 1 to 8 sources)	77326
Brachytherapy isodose plan; intermediate (multiplane dosage calculations,application involving 5 to 10 sources/ribbons, remote afterloading brachytherapy, 9 to 12 sources)	77327
Brachytherapy isodose plan; complex (multiplane isodose plan, volume implant calculations over 10 sources/ribbons used, special spatial reconstruction, remote afterloading brachytherapy, over 12 sources)	77328
Infusion or instillation of radioelement solution (includes 3 months follow-up care)	77750
Intracavitary radiation source application; simple	77761
Intracavitary radiation source application; intermediate	77762
Intracavitary radiation source application; complex	77763
Interstitial radiation source application; simple	77776
Interstitial radiation source application; intermediate	77777
Interstitial radiation source application; complex	77778
Remote afterloading high dose rate brachytherapy; 1 channel	77785
Remote afterloading high dose rate brachytherapy; 2-12 channels	77786
Remote afterloading high dose rate brachytherapy; over 12 channels	77787
Surface applications of radiation source	77789
High dose rate electronic brachytherapy, per fraction	0182T

IMRT **CODES:**



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Intensity modulated radiotherapy plan, including dose-volume histograms for target and critical structure partial tolerance specifications	77301
Intensity modulated treatment delivery, single or multiple fields / arcs, via narrow spatially and temporally modulated beams, binary, dynamic MLC, per treatment session	77418
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	0073T
Neutron Therapy	CODES:
High energy neutron radiation treatment delivery; single treatment area using a single port or parallel-opposed ports with no blocks or simple blocking	77422
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)	77423
Proton Beam	CODES:
Proton treatment delivery; simple, without compensation	77520
Proton treatment delivery; simple, with compensation	77522
Proton treatment delivery; intermediate	77523
Proton treatment delivery; complex	77525
Stereotactic Radiosurgery	CODES:
Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; multi-source Cobalt 60 based	77371
Radiation treatment delivery, stereotactic radiosurgery (SRS), complete course of treatment of cranial lesion(s) consisting of 1 session; linear accelerator based	77372
Stereotactic body radiation therapy, treatment delivery, per fraction to 1 or more lesions, including image guidance, entire course not to exceed 5 fractions	77373
Linear accelerator based stereotactic radiosurgery, complete course of therapy in one session	G0173
Linear accelerator based stereotactic radiosurgery, delivery including collimator changes and custom plugging, fractionated treatment, all lesions, per session, maximum five sessions per course of treatment	G0251
Image guided robotic linear accelerator-based stereotactic radiosurgery, complete course of therapy in one session, or first session of fractionated treatment	G0339
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 five sessions per course of treatment	G0340
CARDIOLOGY	
Cardiac Catheterization	CODES:
Right heart catheterization including measurement(s) of oxygen saturation and cardiac output, when performed	93451
Left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93452
Combined right and left heart catheterization including intraprocedural injection(s) for left ventriculography, imaging supervision and interpretation, when performed	93453
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation;	93454
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial venous grafts) including intraprocedural injection(s) for bypass graft angiography	93455
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right heart catheterization	93456
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) including intraprocedural injection(s) for bypass graft angiography and right heart catheterization	93457
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	93458
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	93459



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Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed	93460
Catheter placement in coronary artery(s) for coronary angiography, including intraprocedural injection(s) for coronary angiography, imaging supervision and interpretation; with right and left heart catheterization including intraprocedural injection(s) for left ventriculography, when performed, catheter placement(s) in bypass graft(s) (internal mammary, free arterial, venous grafts) with bypass graft angiography	93461
Pharmacologic agent administration (eg, inhaled nitric oxide, intravenous infusion of nitroprusside, dobutamine, milrinone, or other agent), including assessing hemodynamic measurements before, during, after, and repeat pharmacologic agent administration, when performed (List separately in addition to code for primary procedure)	93463
Indicator dilution studies such as dye or thermal dilution, including arterial and/or venous catheterization; with cardiac output measurement (separate procedure)	93561
Indicator dilution studies such as dye or thermal dilution, including arterial and/or venous catheterization; subsequent measurement of cardiac output	93562
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective right ventricular or right atrial angiography (List separately in addition to code for primary procedure)	93566
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for supravalvular aortography (List separately in addition to code for primary procedure)	93567
Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for pulmonary angiography (List separately in addition to code for primary procedure)	93568
Intravascular Doppler velocity and/or pressure derived coronary flow reserve measurement (coronary vessel or graft) during coronary angiography including pharmacologically induced stress; initial vessel (List separately in addition to code for primary procedure)	93571
Intravascular Doppler velocity and/or pressure derived coronary flow reserve measurement (coronary vessel or graft) during coronary angiography including pharmacologically induced stress; each additional vessel (List separately in addition to code for primary procedure)	93572
Nuclear Medicine Cardiac	CODES:
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78451
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78452
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78453
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78454
Myocardial Imaging, infarct avid, planar; qualitative or quantitative	78466
Myocardial Imaging with ejection fraction, first pass technique	78468
Myocardial Imaging, tomographic SPECT with or without quantification	78469
Cardiac Blood Pool Imaging, gated equilibrium; planar, single study Rest or Stress, wall motion study + ejection fraction, w/ or w/o quantitative processing	78472
Cardiac Blood Pooling Imaging, multiple studies, wall motion study plus ejection fraction, at rest or stress, w/ or w/o additional quantification	78473
Cardiac Blood Pool Imaging, planar, first pass technique, single study, rest or stress, wall motion study + ejection fraction, w/ or w/o quantification	78481
Cardiac Blood Pool Imaging, multiple studies, rest and stress, wall motion study + ejection fraction, w/ or w/o quantification	78483
Cardiac Blood Pool Imaging, gated equilibrium, SPECT; planar, single study rest or stress, wall motion study + ejection fraction, w/ or w/o quantitative processing	78494
Cardiac Blood Pool Imaging, gated equilibrium; single study at rest w/ rt. ventricular ejection fraction by first pass technique	78496



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DIAGNOSTIC RADIOLOGY

CT	CODES:
CT Head or Brain	70450, 70460, 70470
CT Orbits, Sella, Posterior-Fossa, IACs	70480, 70481, 70482
CT Maxillofacial (Sinuses)	70486, 70487, 70488
CT Neck	70490, 70491, 70492
CT Chest	71250, 71260, 71270
CT Cervical Spine	72125, 72126, 72127
CT Thoracic Spine	72128, 72129, 72130
CT Lumbar Spine	72131, 72132, 72133
CT Pelvis	72192, 72193, 72194
CT Upper Extremity	73200, 73201, 73202
CT Lower Extremity	73700, 73701, 73702
CT Abdomen	74150, 74160, 74170
CT colonography, diagnostic, including image postprocessing; without and with contrast	74261, 74262
CT colonography, screening, including image postprocessing	74263
CT Limited Study or Follow-up	76380

CTA	CODES:
CT Angiography, Head, with contrast material(s), including noncontrast images, if performed, and image postprocessing	70496
CT Angiography, Neck, with contrast material(s), including noncontrast images, if performed, and image postprocessing	70498
CT Angiography, Chest, with contrast material(s), including noncontrast images, if performed, and image postprocessing	71275
CT Angiography, Pelvis, with contrast material(s), including noncontrast images, if performed, and image postprocessing	72191
CT Angiography, Upper Extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	73206
CT Angiography, Lower Extremity, with contrast material(s), including noncontrast images, if performed, and image postprocessing	73706
CT Angiography, Abdomen, with contrast material(s), including noncontrast images, if performed, and image postprocessing	74175
CT Angiography, Abdominal Aorta and Bilateral Iliofemoral Lower Extremity Runoff, with contrast material(s), including noncontrast images, if performed, and image postprocessing	75635
CT, heart, without contrast material, with quantitative evaluation of coronary calcium	75571
CT, heart, with contrast material, for evaluation of cardiac structure and morphology (including 3D image postprocessing, assessment of cardiac function, and evaluation of venous structures, if performed)	75572
CT, heart, with contrast material, for evaluation of cardiac structure and morphology in the setting of congenital heart disease (including 3D image postprocessing, assessment of LV cardiac function, RV structure and function and evaluation of venous structures, if performed)	75573
CT Angiography, heart, coronary arteries and bypass grafts (when present), with contrast material, including 3D postprocessing (including evaluation of cardiac structures and morphology, assessment of cardiac function, and evaluation of venous structures, if performed)	75574

MRA	CODES:
MRA Brain	70544, 70545, 70546
MRA Neck	70547, 70548, 70549
MRA Chest	71555, C8909, C8910, C8911
MRA Spinal Canal and Contents	72159
MRA Pelvis	72198, C8918, C8919, C8920
MRA Upper Extremity	73225
MRA Lower Extremity	73725, C8912, C8913, C8914
MRA Abdomen	74185, C8900, C8901, C8902

MRI	CODES:
MRI TMJs -Temporomandibular joint(s)	70336
MRI Orbits, Face, Neck	70540, 70542, 70543
MRI Brain (including brain stem)	70551, 70552, 70553
MRI Brain, functional	70554, 70555
MRI Chest	71550, 71551, 71552
MRI Cervical Spine	72141, 72142, 72156
MRI Thoracic Spine	72146, 72147, 72157
MRI Lumbar Spine	72148, 72149, 72158
MRI Pelvis	72195, 72196, 72197
MRI Upper Extremity Other than Joint	73218, 73219, 73220
MRI Upper Extremity, Joint (Shoulder, Elbow, Wrist)	73221, 73222, 73223
MRI Lower Extremity Other than Joint	73718, 73719, 73720
MRI Lower Extremity, Joint (Knee, Hip Joint, Ankle)	73721, 73722, 73723
MRI Abdomen	74181, 74182, 74183
MRI Cardiac for Morphology and Function without contrast	75557
MRI Cardiac for Morphology and Function without contrast; with stress imaging	75559
MRI Cardiac for Morphology and Function w/o contrast material(s), followed by contrast material(s) and further sequences	75561
MRI Cardiac for Morphology and Function w/o contrast material(s), followed by contrast material(s) and further sequences; with stress imaging	75563
MRI Cardiac for velocity flow mapping	75565
MRI Breast - Unilateral without and/or with contrast	77058, C8903, C8904, C8905
MRI Breast - Bilateral without and/or with contrast	77059, C8906, C8907, C8908
MRI - Bone Marrow Blood Supply	77084

NUCLEAR CARDIAC	CODES:
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78451
Myocardial perfusion imaging, tomographic (SPECT) (including attenuation correction, qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78452
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); single study, at rest or stress (exercise or pharmacologic)	78453
Myocardial perfusion imaging, planar (including qualitative or quantitative wall motion, ejection fraction by first pass or gated technique, additional quantification, when performed); multiple studies, at rest and/or stress (exercise or pharmacologic) and/or redistribution and/or reinjection	78454
Myocardial Imaging, infarct avid, planar; qualitative or quantitative	78466
Myocardial Imaging with ejection fraction, first pass technique	78468
Myocardial Imaging, tomographic SPECT with or without quantification	78469
Cardiac Blood Pool Imaging, gated equilibrium; planar, single study Rest or Stress, wall motion study + ejection fraction, w/ or w/o quantitative processing	78472
Cardiac Blood Pooling Imaging, multiple studies, wall motion study plus ejection fraction, at rest or stress, w/ or w/o additional quantification	78473
Cardiac Blood Pool Imaging, planar, first pass technique, single study, rest or stress, wall motion study + ejection fraction, w/ or w/o quantification	78481
Cardiac Blood Pool Imaging, multiple studies, rest and stress, wall motion study + ejection fraction, w/ or w/o quantification	78483
Cardiac Blood Pool Imaging, gated equilibrium, SPECT; planar, single study rest or stress, wall motion study + ejection fraction, w/ or w/o quantitative processing	78494
Cardiac Blood Pool Imaging, gated equilibrium; single study at rest w/ rt. ventricular ejection fraction by first pass technique	78496

PET	CODES:
PET Myocardial Imaging, Metabolic Evaluation	78459
PET Myocardial Imaging, Perfusion at Rest or Stress	78491
PET Myocardial Imaging, Perfusion at Rest or Stress, Multiple Studies	78492
PET Brain, Metabolic Evaluation	78608
PET Brain, Perfusion Evaluation	78609
PET; limited area (eg, chest, head/neck)	78811
PET; skull base to mid-thigh	78812
PET; whole body	78813
PET with concurrent CT for attenuation correction and anatomical localization imaging; limited area (eg, chest, head/neck)	78814
PET with concurrent CT for attenuation correction and anatomical localization imaging; skull base to mid-thigh	78815
PET with concurrent CT for attenuation correction and anatomical localization imaging; whole body	78816
PET imaging whole body for Melanoma for Noncovered Indications	G0219
PET imaging, any site, not otherwise specified	G0235
PET imaging, Breast Cancer Imaging, Diagnosis and/or Surgical Planning	G0252