

## Appendix B. Exclusion Criteria

### Appendix B-1. Excision of Malignant Lesion

CPT Code	Procedure Description
11600	Excision, malignant lesion, trunk, arms, or legs; lesion diameter 0.5 cm or less
11601	Excision, malignant lesion, trunk, arms, or legs; lesion diameter 0.6 to 1.0 cm
11602	Excision, malignant lesion, trunk, arms, or legs; lesion diameter 1.1 to 2.0 cm
11603	Excision, malignant lesion, trunk, arms, or legs; lesion diameter 2.1 to 3.0 cm
11604	Excision, malignant lesion, trunk, arms, or legs; lesion diameter 3.1 to 4.0 cm
11606	Excision, malignant lesion, trunk, arms, or legs; lesion diameter over 4.0 cm
11620	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter 0.5 cm or less
11621	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter 0.6 to 1.0 cm
11622	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter 1.1 to 2.0 cm
11623	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter 2.1 cm to 3.0 cm
11624	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter 3.1 to 4.0 cm
11626	Excision, malignant lesion, scalp, neck, hands, feet, genitalia; lesion diameter over 4.0 cm
17260	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter 0.5 cm or less
17261	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter 0.6 to 1.0 cm
17262	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter 1.1 to 2.0 cm
17263	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter 2.1 cm to 3.0 cm

17264	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter 3.1 to 4.0 cm
17266	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; trunk, arms or legs; lesion diameter over 4.0 cm
17270	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter 0.5 cm or less
17271	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter 0.6 to 1.0 cm
17272	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter 1.1 to 2.0 cm
17273	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter 2.1 to 3.0 cm
17274	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter 3.1 to 4.0 cm
17276	Destruction, malignant lesion e.g. laser surgery, cryosurgery, chemosurgery, curettage; hands; lesion diameter over 4.0 cm
24077	Radical resection of tumor, soft tissue of upper arm or elbow, less than 5cm
24079	Radical resection of tumor, soft tissue of upper arm or elbow, 5cm or greater
24149	Radical resection of capsule, soft tissue, and heterotopic bone, elbow, with contracture release
24150	Radical resection for tumor, shaft or distal humerus
24151	Radical resection for tumor, shaft or distal humerus, with autograft, including graft harvest
24152	Radical resection for tumor, radial head or neck
24153	Radical resection for tumor, radial head or neck, with autograft, including graft harvest
25077	Radical resection of tumor e.g., malignant neoplasm, soft tissue of forearm and/or wrist area, less than 3cm
25078	Radical resection of tumor e.g., malignant neoplasm, soft tissue of forearm and/or wrist area, 3cm or greater
25115	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths e.g., tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); flexors
25116	Radical excision of bursa, synovia of wrist, or forearm tendon sheaths e.g., tenosynovitis, fungus, Tbc, or other granulomas, rheumatoid arthritis); extensors
25170	Radical resection for tumor, radius or ulna

26117	Radical resection of tumor e.g., malignant neoplasm), soft tissue of hand or finger, less than 3cm
26118	Radical resection of tumor e.g., malignant neoplasm), soft tissue of hand or finger, 3cm or greater
26250	Radical resection ostectomy for tumor, metacarpal
26255	Radical resection ostectomy for tumor, metacarpal; with autograft (includes obtaining graft)
26260	Radical resection ostectomy for tumor, proximal or middle phalanx of finger
26261	Radical resection ostectomy for tumor, proximal or middle phalanx of finger; with autograft (includes obtaining graft
26262	Radical resection ostectomy for tumor, distal phalanx of finger

**Appendix B-2. Malignant Diagnoses**

ICD-9-CM	ICD-10-CM	Diagnosis
140-149	C00-14	Malignant neoplasm of lip, oral cavity, and pharynx
150-159	C15-26	Malignant neoplasm of digestive organs and peritoneum
160-165	C30-39	Malignant neoplasm of respiratory and intrathoracic organs
170-175	C40-41, C43-44, C45-49, 50	Malignant neoplasm of bone, connective tissue, skin, and breast
176	C46.1	Kaposi's sarcoma
179-189	C51-58, 60-68	Malignant neoplasm of genitourinary organs
190-199	C76-80	Malignant neoplasm of other and unspecified sites (ICD-9) Malignant neoplasms, secondary and ill-defined (ICD-10)
200-208	C81-96	Malignant neoplasm of lymphatic and hematopoietic tissue
209	C69-75	Neuroendocrine tumors
235-238	D37-48	Neoplasms of uncertain behavior (including neurofibroma)
239	D37-48	Neoplasms of unspecified nature

**Appendix B-3. Infectious Diseases of the Upper Extremity - Diagnoses**

ICD-9-CM	ICD-10-CM	Diagnosis
78.1	B07	Viral warts
680-686	L02-08	Infections of skin and subcutaneous tissue
686.1	L98.0	Pyogenic granuloma
711	M00-02	Infectious arthropathy
912.7, 914.7, 915.7	S40.259A, S40.859A, S60.359A, S60.459A, S60.559A, L08.89	Foreign body, upper extremity, infected

**Appendix B-4. Infectious Diseases of the Upper Extremity - Procedures**

CPT Code	Procedure
10060, 10061	Incision and drainage of abscess
10140	Incision and drainage of hematoma, seroma, or fluid collection
10180	Incision and drainage, complex, post op wound infection
11000 - 11002	Debridement eczematous or infected skin
11600 - 11606, 11620 - 11626	Excision malignant lesion; trunk, arms, legs, scalp, neck, hands, feet, genitalia
15002 - 15005	Creation of recipient site by excision of open wounds, burn eschar, scar, or incisional release of scar contracture
20000	Incision of soft tissue abscess
20600, 20605, 20610	Arthrocentesis, aspiration and/or injection; joints, bursa, ganglion cyst
23931	Incision and drainage elbow bursa
24000, 24006	Arthrotomy, elbow for infection with exploration, drainage or removal foreign body
24075-7	Excision, tumor, subcutaneous, subfascial, intramuscular, radical resection
24130	Radial head excision
24134, 24136, 24138	Sequestrectomy (e.g. for osteomyelitis)
24140, 24145, 24147	Partial excision (e.g. for osteomyelitis)

24149, 24150-3	Radical resection, capsule and tumor
24155	Resection of elbow joint
25028, 25031, 25035, 25040	Incision and drainage, abscess, infected bursa
25065-6	Biopsy, soft tissue of forearm and/or wrist
25075-7	Excision, tumor, forearm and/or wrist, and radical resection of tumor
25100	Excision, lesion of tendon sheath, forearm and/or wrist
25109, 25110	Excision, lesion of tendon sheath
25115-6	Radical excision of bursa, wrist synovia, forearm tendon sheath; for tenosynovitis, fungus, tbc, or other granulomas, rheumatoid arthritis
25118-9	Synovectomy, extensor tendon sheath, wrist
25145	Sequestrectomy e.g. for osteomyelitis or bone abscess
25150, 25151	Partial excision of bone, e.g. for osteomyelitis, radius, ulna
25170	Radical resection for tumor, radius or ulna
25210, 25215	Carpectomy
25230	Radial styloidectomy
25240	Excision distal ulna
25248	Exploration with removal of deep foreign body, forearm or wrist
25900, 25905, 25907, 25909	Amputation, forearm

25924	Disarticulation through wrist, reamputation
25927, 25929, 25931	Transmetacarpal amputation
26010-1, 26020, 26025, 26030, 26034	Drainage of finger abscess, tendon sheath, palmar bursa
26070, 26075, 26080	Arthrotomy, for infection, with exploration, drainage or removal of foreign body; carpometacarpal, metacarpophalangeal, interphalangeal joints
26117	Radical resection of tumor
26170, 26180	Excision of tendon, palm, flexor
26185	Sesamoidectomy
26230, 26235-6	Partial excision, craterization, saucerization, or diaphysectomy of bone, e.g. for osteomyelitis
26250, 26255, 26260-2	Radical resection ostectomy for tumor
26565, 26567	Osteotomy for correction of deformity
26910, 26951-2	Amputation, metacarpal, finger, thumb, including neurectomy
29840, 29843	Arthroscopy, wrist, with or without synovial biopsy, for infection, lavage and drainage
35045	Direct repair of aneurysm or excision; for aneurysm, false aneurysm, radial or ulnar artery
38241	Bone marrow aspiration

64774, 64776, 64778, 64782-4	Excision of neuroma
64788, 64790, 64792	Excision of neurofibroma or neurolemmoma

## Appendix B-5. Chemotherapy Procedures

CPT Code	Chemotherapy Procedure Description
96401	Chemotherapy administration, subcutaneous or intramuscular; non-hormonal anti-neoplastic
96402	Chemotherapy administration, subcutaneous or intramuscular; hormonal anti-neoplastic
96405	Chemotherapy administration; intralesional, up to and including 7 lesions
96406	Chemotherapy administration; intralesional, more than 7 lesions
96409	Chemotherapy administration; intravenous, push technique, single or initial substance/drug
96411	Chemotherapy administration; intravenous, push technique, each additional substance/drug
96413	Chemotherapy administration, intravenous infusion technique; upto 1 hour, single or initial substance/drug
96415	Chemotherapy administration, intravenous infusion technique; each additional hour
96416	Chemotherapy administration, intravenous infusion technique; initiation of prolonged chemotherapy infusion (more than 8 hours), requiring use of a portable or implantable pump
96417	Chemotherapy administration, intravenous infusion technique; each additional sequential infusion, up to 1 hour
96420	Chemotherapy administration, intra-arterial; push technique
96422	Chemotherapy administration, intra-arterial; infusion technique, up to 1 hour
96423	Chemotherapy administration, intra-arterial; infusion technique, each additional hour
96425	Chemotherapy administration, intra-arterial; infusion technique, initiation of prolonged infusion (more than 8 hours), requiring the use of a portable or implantable pump
96440	Chemotherapy administration into pleural cavity, requiring and including thoracentesis
96446	Chemotherapy administration into the peritoneal cavity via indwelling port or catheter
96450	Chemotherapy administration, into CNS requiring and including spinal puncture
96521	Refilling and maintenance of portable pump
96522	Refilling and maintenance of implantable pump or reservoir for drug delivery, systemic (e.g. intravenous, intra-arterial)
96523	Irrigation of implanted venous access device for drug delivery system
96542	Chemotherapy injection, subarachnoid or intraventricular via subcutaneous reservoir, single or multiple agents
96549	Unlisted chemotherapy procedure

96567	Photodynamic therapy by external application of light to destroy premalignant and/or malignant lesions of the skin and adjacent mucosa by activation of photosensitive drug(s), each phototherapy exposure session
96570	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); first 30 minutes
96571	Photodynamic therapy by endoscopic application of light to ablate abnormal tissue via activation of photosensitive drug(s); each additional 15 minutes

## Appendix B-6. Radiation Procedures

CPT Code	Procedure description
77261	Therapeutic radiology treatment planning; simple
77262	Therapeutic radiology treatment planning; intermediate
77263	Therapeutic radiology treatment planning; complex
77280	Therapeutic radiology simulation-aided field setting; simple
77285	Therapeutic radiology simulation-aided field setting; intermediate
77290	Therapeutic radiology simulation-aided field setting; complex
77295	Three dimensional radiotherapy plan, including dose-volume histograms
77299	Unlisted procedure, therapeutic radiology clinical treatment planning
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, only when prescribed by the treating physician
77301	Intensity modulated radiotherapy plan, including dose-volume histograms for target and critical structure partial tolerance specifications
77305	Teletherapy, isodose plan; simple
77310	Teletherapy, isodose plan; intermediate
77315	Teletherapy, isodose plan; complex
77321	Special teletherapy port plan, particles, hemibody, total body
77326	Brachytherapy isodose plan; simple
77327	Brachytherapy isodose plan; intermediate
77328	Brachytherapy isodose plan; complex
77331	Special dosimetry
77332	Treatment devices, design and construction; simple
77333	Treatment devices, design and construction; intermediate
77334	Treatment devices, design and construction; complex

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
77338	Multi-leaf collimator device for intensity modulated radiation therapy, design and construction per IMRT plan
77370	Special medical radiation physics consultation
77371	Radiation treatment delivery, stereotactic radiosurgery, complete course of treatment of cranial lesions consisting of 1 session; multi-source cobalt 60 based
77372	Radiation treatment delivery, stereotactic radiosurgery, complete course of treatment of cranial lesions 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
77399	Unlisted procedure, medical radiation physics, dosimetry and treatment devices, and special services
77401	Radiation treatment delivery, superficial and/or ortho voltage
77402	Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; up to 5 MeV
77403	Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 6-10 MeV
77404	Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 11-19 MeV
77406	Radiation treatment delivery, single treatment area, single port or parallel opposed ports, simple blocks or no blocks; 20 MeV or greater
77407	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks; up to 5 MeV
77408	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks; 6-10 MeV
77409	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks; 11-19 MeV
77411	Radiation treatment delivery, 2 separate treatment areas, 3 or more ports on a single treatment area, use of multiple blocks; 20 MeV or greater

77412	Radiation treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; up to 5 MeV
77413	Radiation treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 6-10 MeV
77414	Radiation treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 11-19 MeV
77416	Radiation treatment delivery, 3 or more separate treatment areas, custom blocking, tangential ports, wedges, rotational beam, compensators, electron beam; 20 MeV or greater
77417	Therapeutic radiology port film(s)
77418	Intensity modulated treatment delivery, single or multiple fields/arcs, via narrow spatially and temporally modulated beams, binary, dynamic MLC, per treatment session
77421	Stereoscopic X-ray guidance for localization of target volume for the delivery of radiation therapy
77422	High energy neutron radiation treatment delivery; single treatment area using a single port or parallel-opposed ports with no blocks or simple blocking
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)
77424	Intraoperative radiation treatment delivery, x-ray, single treatment session
77425	Intraoperative radiation treatment delivery, electrons, single treatment session
77427	Radiation treatment management, 5 treatments
77431	Radiation therapy management with complete source of therapy consisting of 1 or 2 fractions only
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
77469	Intraoperative radiation treatment management
77470	Special treatment procedure (e.g. total body irradiation, hemibody radiation, per oral or endocavitary irradiation)
77499	Unlisted procedure, therapeutic radiology treatment management
77520	Proton treatment delivery; simple, without compensation
77522	Proton treatment delivery; simple, with compensation
77523	Proton treatment delivery; intermediate

77525	Proton treatment delivery; complex
77600	Hyperthermia, externally generated; superficial
77605	Hyperthermia, externally generated; deep
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)
77750	Infusion or installation of radioelement solution
77761	Intracavitary radiation source application; simple
77762	Intracavitary radiation source application; intermediate
77763	Intracavitary radiation source application; complex
77776	Interstitial radiation source application; simple
77777	Interstitial radiation source application; intermediate
77778	Interstitial radiation source application; complex
77785	Remote afterloading high dose rate radionuclide brachytherapy; 1 channel
77786	Remote afterloading high dose rate radionuclide brachytherapy; 2-12 channels
77787	Remote afterloading high dose rate radionuclide brachytherapy; over 12 channels
77789	Surface application of radiation source
77790	Supervision, handling, loading of radiation source
77799	Unlisted procedure, clinical brachytherapy