

Appendix A Morphology of Neoplasms

The World Health Organization has published an adaptation of the International Classification of Diseases for Oncology (ICD-O). It contains a coded nomenclature for the morphology of neoplasms, which is reproduced here for those who wish to use it in conjunction with Chapter 2 of the International Classification of Diseases, 9th Revision, Clinical Modification.

The morphology code numbers consist of five digits; the first four identify the histological type of the neoplasm and the fifth indicates its behavior. The one-digit behavior code is as follows:

- 0 Benign
- 1 Uncertain whether benign or malignant
Borderline malignancy
- 2 Carcinoma in situ
Intraepithelial
Noninfiltrating
Noninvasive
- 3 Malignant, primary site
- 6 Malignant, metastatic site
Secondary site
- 9 Malignant, uncertain whether primary or metastatic site

In the nomenclature below, the morphology code numbers include the behavior code appropriate to the histological type of neoplasm, but this behavior code should be changed if other reported information makes this necessary. For example, "chordoma (M93703)" is assumed to be malignant; the term "benign chordoma" should be coded M93700. Similarly, "superficial spreading adenocarcinoma (M81433)" described as "noninvasive" should be coded M81432 and "melanoma (M87203)" described as "secondary" should be coded M87206.

The following table shows the correspondence between the morphology code and the different sections of Chapter 2:

Morphology Code	Behavior	ICD-9-CM Chapter 2
Any	0	210-229 Benign neoplasms
M8000-M8004	1	239 Neoplasms of unspecified nature
M8010+	1	235-238 Neoplasms of uncertain behavior
Any	2	230-234 Carcinoma in situ
Any	3	140-195 Malignant neoplasms, stated or presumed to be primary
Any	6	196-198 Malignant neoplasms, stated or presumed to be secondary

The ICD-O behavior digit 9 is inapplicable in an ICD context, since all malignant neoplasms are presumed to be primary (3) or secondary (6) according to other information on the medical record.

Only the first-listed term of the full ICD-O morphology nomenclature appears against each code number

in the list below. The ICD-9-CM Alphabetical Index (Volume 2), however, includes all the ICD-O synonyms as well as a number of other morphological names still likely to be encountered on medical records but omitted from ICD-O as outdated or otherwise undesirable.

A coding difficulty sometimes arises where a morphological diagnosis contains two qualifying adjectives that have different code numbers. An example is “transitional cell epidermoid carcinomas.” “Transitional cell carcinoma NOS” is M81203 and “epidermoid carcinoma NOS” is M80703. In such circumstances, the higher number (M81203 in this example) should be used, as it is usually more specific.

CODED NOMENCLATURE FOR MORPHOLOGY OF NEOPLASMS

M800

Neoplasms NOS

M80000	Neoplasm, benign
M80001	Neoplasm, uncertain whether benign or malignant
M80003	Neoplasm, malignant
M80006	Neoplasm, metastatic
M80009	Neoplasm, malignant, uncertain whether primary or metastatic
M80010	Tumor cells, benign
M80011	Tumor cells, uncertain whether benign or malignant
M80013	Tumor cells, malignant
M80023	Malignant tumor, small cell type
M80033	Malignant tumor, giant cell type
M80043	Malignant tumor, fusiform cell type

M801-M804 Epithelial neoplasms NOS

M80100	Epithelial tumor, benign
M80102	Carcinoma in situ NOS
M80103	Carcinoma NOS
M80106	Carcinoma, metastatic NOS
M80109	Carcinomatosis
M80110	Epithelioma, benign
M80113	Epithelioma, malignant
M80123	Large cell carcinoma NOS
M80203	Carcinoma, undifferentiated type NOS
M80213	Carcinoma, anaplastic type NOS
M80223	Pleomorphic carcinoma
M80303	Giant cell and spindle cell carcinoma
M80313	Giant cell carcinoma
M80323	Spindle cell carcinoma
M80333	Pseudosarcomatous carcinoma
M80343	Polygonal cell carcinoma
M80353	Spheroidal cell carcinoma
M80401	Tumorlet
M80413	Small cell carcinoma NOS
M80423	Oat cell carcinoma
M80433	Small cell carcinoma, fusiform cell type

M805-M808 Papillary and squamous cell neoplasms

M80500	Papilloma NOS (except Papilloma of urinary bladder M81201)
M80502	Papillary carcinoma in situ
M80503	Papillary carcinoma NOS
M80510	Verrucous papilloma
M80513	Verrucous carcinoma NOS

M80520 Squamous cell papilloma
M80523 Papillary squamous cell carcinoma
M80530 Inverted papilloma
M80600 Papillomatosis NOS
M80702 Squamous cell carcinoma in situ NOS
M80703 Squamous cell carcinoma NOS
M80706 Squamous cell carcinoma, metastatic NOS
M80713 Squamous cell carcinoma, keratinizing type NOS
M80723 Squamous cell carcinoma, large cell, nonkeratinizing type
M80733 Squamous cell carcinoma, small cell, nonkeratinizing type
M80743 Squamous cell carcinoma, spindle cell type
M80753 Adenoid squamous cell carcinoma
M80762 Squamous cell carcinoma in situ with questionable stromal invasion
M80763 Squamous cell carcinoma, microinvasive
M80802 Queyrat's erythroplasia
M80812 Bowen's disease
M80823 Lymphoepithelial carcinoma

M809-M811 Basal cell neoplasms

M80901 Basal cell tumor
M80903 Basal cell carcinoma NOS
M80913 Multicentric basal cell carcinoma
M80923 Basal cell carcinoma, morphea type
M80933 Basal cell carcinoma, fibroepithelial type
M80943 Basosquamous carcinoma
M80953 Metatypical carcinoma
M80960 Intraepidermal epithelioma of Jadassohn
M81000 Trichoepithelioma
M81010 Trichofolliculoma
M81020 Tricholemmoma
M81100 Pilomatrixoma

M812-M813 Transitional cell papillomas and carcinomas

M81200 Transitional cell papilloma NOS
M81201 Urothelial papilloma
M81202 Transitional cell carcinoma in situ
M81203 Transitional cell carcinoma NOS
M81210 Schneiderian papilloma
M81211 Transitional cell papilloma, inverted type
M81213 Schneiderian carcinoma
M81223 Transitional cell carcinoma, spindle cell type
M81233 Basaloid carcinoma
M81243 Cloacogenic carcinoma
M81303 Papillary transitional cell carcinoma

M814-M838 Adenomas and adenocarcinomas

M81400 Adenoma NOS
M81401 Bronchial adenoma NOS
M81402 Adenocarcinoma in situ
M81403 Adenocarcinoma NOS
M81406 Adenocarcinoma, metastatic NOS
M81413 Scirrhous adenocarcinoma
M81423 Linitis plastica
M81433 Superficial spreading adenocarcinoma
M81443 Adenocarcinoma, intestinal type

M81453	Carcinoma, diffuse type
M81460	Monomorphic adenoma
M81470	Basal cell adenoma
M81500	Islet cell adenoma
M81503	Islet cell carcinoma
M81510	Insulinoma NOS
M81513	Insulinoma, malignant
M81520	Glucagonoma NOS
M81523	Glucagonoma, malignant
M81531	Gastrinoma NOS
M81533	Gastrinoma, malignant
M81543	Mixed islet cell and exocrine adenocarcinoma
M81600	Bile duct adenoma
M81603	Cholangiocarcinoma
M81610	Bile duct cystadenoma
M81613	Bile duct cystadenocarcinoma
M81700	Liver cell adenoma
M81703	Hepatocellular carcinoma NOS
M81800	Hepatocholangioma, benign
M81803	Combined hepatocellular carcinoma and cholangiocarcinoma
M81900	Trabecular adenoma
M81903	Trabecular adenocarcinoma
M81910	Embryonal adenoma
M82000	Eccrine dermal cylindroma
M82003	Adenoid cystic carcinoma
M82013	Cribiform carcinoma
M82100	Adenomatous polyp NOS
M82103	Adenocarcinoma in adenomatous polyp
M82110	Tubular adenoma NOS
M82113	Tubular adenocarcinoma
M82200	Adenomatous polyposis coli
M82203	Adenocarcinoma in adenomatous polyposis coli
M82210	Multiple adenomatous polyps
M82303	Solid carcinoma NOS
M82313	Carcinoma simplex
M82401	Carcinoid tumor NOS
M82403	Carcinoid tumor, malignant
M82411	Carcinoid tumor, argentaffin NOS
M82413	Carcinoid tumor, argentaffin, malignant
M82421	Carcinoid tumor, nonargentaffin NOS
M82423	Carcinoid tumor, nonargentaffin, malignant
M82433	Mucocarcinoid tumor, malignant
M82443	Composite carcinoid
M82501	Pulmonary adenomatosis
M82503	Bronchiolo-alveolar adenocarcinoma
M82510	Alveolar adenoma
M82513	Alveolar adenocarcinoma
M82600	Papillary adenoma NOS
M82603	Papillary adenocarcinoma NOS
M82611	Villous adenoma NOS
M82613	Adenocarcinoma in villous adenoma
M82623	Villous adenocarcinoma
M82630	Tubulovillous adenoma
M82700	Chromophobe adenoma
M82703	Chromophobe carcinoma
M82800	Acidophil adenoma

M82803	Acidophil carcinoma
M82810	Mixed acidophil-basophil adenoma
M82813	Mixed acidophil-basophil carcinoma
M82900	Oxyphilic adenoma
M82903	Oxyphilic adenocarcinoma
M83000	Basophil adenoma
M83003	Basophil carcinoma
M83100	Clear cell adenoma
M83103	Clear cell adenocarcinoma NOS
M83111	Hypernephroid tumor
M83123	Renal cell carcinoma
M83130	Clear cell adenofibroma
M83203	Granular cell carcinoma
M83210	Chief cell adenoma
M83220	Water-clear cell adenoma
M83223	Water-clear cell adenocarcinoma
M83230	Mixed cell adenoma
M83233	Mixed cell adenocarcinoma
M83240	Lipoadenoma
M83300	Follicular adenoma
M83303	Follicular adenocarcinoma NOS
M83313	Follicular adenocarcinoma, well differentiated type
M83323	Follicular adenocarcinoma, trabecular type
M83330	Microfollicular adenoma
M83340	Macrofollicular adenoma
M83403	Papillary and follicular adenocarcinoma
M83503	Nonencapsulated sclerosing carcinoma
M83601	Multiple endocrine adenomas
M83611	Juxtglomerular tumor
M83700	Adrenal cortical adenoma NOS
M83703	Adrenal cortical carcinoma
M83710	Adrenal cortical adenoma, compact cell type
M83720	Adrenal cortical adenoma, heavily pigmented variant
M83730	Adrenal cortical adenoma, clear cell type
M83740	Adrenal cortical adenoma, glomerulosa cell type
M83750	Adrenal cortical adenoma, mixed cell type
M83800	Endometrioid adenoma NOS
M83801	Endometrioid adenoma, borderline malignancy
M83803	Endometrioid carcinoma
M83810	Endometrioid adenofibroma NOS
M83811	Endometrioid adenofibroma, borderline malignancy
M83813	Endometrioid adenofibroma, malignant

M839-M842 Adnexal and skin appendage neoplasms

M83900	Skin appendage adenoma
M83903	Skin appendage carcinoma
M84000	Sweat gland adenoma
M84001	Sweat gland tumor NOS
M84003	Sweat gland adenocarcinoma
M84010	Apocrine adenoma
M84013	Apocrine adenocarcinoma
M84020	Eccrine acrospiroma
M84030	Eccrine spiradenoma
M84040	Hidrocystoma
M84050	Papillary hidradenoma

M84060 Papillary syringadenoma
M84070 Syringoma NOS
M84100 Sebaceous adenoma
M84103 Sebaceous adenocarcinoma
M84200 Ceruminous adenoma
M84203 Ceruminous adenocarcinoma

M843 Mucoepidermoid neoplasms

M84301 Mucoepidermoid tumor
M84303 Mucoepidermoid carcinoma

M844-M849 Cystic, mucinous, and serous neoplasms

M84400 Cystadenoma NOS
M84403 Cystadenocarcinoma NOS
M84410 Serous cystadenoma NOS
M84411 Serous cystadenoma, borderline malignancy
M84413 Serous cystadenocarcinoma NOS
M84500 Papillary cystadenoma NOS
M84501 Papillary cystadenoma, borderline malignancy
M84503 Papillary cystadenocarcinoma NOS
M84600 Papillary serous cystadenoma NOS
M84601 Papillary serous cystadenoma, borderline malignancy
M84603 Papillary serous cystadenocarcinoma
M84610 Serous surface papilloma NOS
M84611 Serous surface papilloma, borderline malignancy
M84613 Serous surface papillary carcinoma
M84700 Mucinous cystadenoma NOS
M84701 Mucinous cystadenoma, borderline malignancy
M84703 Mucinous cystadenocarcinoma NOS
M84710 Papillary mucinous cystadenoma NOS
M84711 Papillary mucinous cystadenoma, borderline malignancy
M84713 Papillary mucinous cystadenocarcinoma
M84800 Mucinous adenoma
M84803 Mucinous adenocarcinoma
M84806 Pseudomyxoma peritonei
M84813 Mucin-producing adenocarcinoma
M84903 Signet ring cell carcinoma
M84906 Metastatic signet ring cell carcinoma

M850-M854 Ductal, lobular, and medullary neoplasms

M85002 Intraductal carcinoma, noninfiltrating NOS
M85003 Infiltrating duct carcinoma
M85012 Comedocarcinoma, noninfiltrating
M85013 Comedocarcinoma NOS
M85023 Juvenile carcinoma of the breast
M85030 Intraductal papilloma
M85032 Noninfiltrating intraductal papillary adenocarcinoma
M85040 Intracystic papillary adenoma
M85042 Noninfiltrating intracystic carcinoma
M85050 Intraductal papillomatosis NOS
M85060 Subareolar duct papillomatosis
M85103 Medullary carcinoma NOS
M85113 Medullary carcinoma with amyloid stroma
M85123 Medullary carcinoma with lymphoid stroma
M85202 Lobular carcinoma in situ

M85203 Lobular carcinoma NOS
M85213 Infiltrating ductular carcinoma
M85303 Inflammatory carcinoma
M85403 Paget's disease, mammary
M85413 Paget's disease and infiltrating duct carcinoma of breast
M85423 Paget's disease, extramammary (except Paget's disease of bone)

M855 Acinar cell neoplasms

M85500 Acinar cell adenoma
M85501 Acinar cell tumor
M85503 Acinar cell carcinoma

M856-M858 Complex epithelial neoplasms

M85603 Adenosquamous carcinoma
M85610 Adenolymphoma
M85703 Adenocarcinoma with squamous metaplasia
M85713 Adenocarcinoma with cartilaginous and osseous metaplasia
M85723 Adenocarcinoma with spindle cell metaplasia
M85733 Adenocarcinoma with apocrine metaplasia
M85800 Thymoma, benign
M85803 Thymoma, malignant

M859-M867 Specialized gonadal neoplasms

M85901 Sex cord-stromal tumor
M86000 Thecoma NOS
M86003 Theca cell carcinoma
M86100 Luteoma NOS
M86201 Granulosa cell tumor NOS
M86203 Granulosa cell tumor, malignant
M86211 Granulosa cell-theca cell tumor
M86300 Androblastoma, benign
M86301 Androblastoma NOS
M86303 Androblastoma, malignant
M86310 Sertoli-Leydig cell tumor
M86321 Gynandroblastoma
M86400 Tubular androblastoma NOS
M86403 Sertoli cell carcinoma
M86410 Tubular androblastoma with lipid storage
M86500 Leydig cell tumor, benign
M86501 Leydig cell tumor NOS
M86503 Leydig cell tumor, malignant
M86600 Hilar cell tumor
M86700 Lipid cell tumor of ovary
M86710 Adrenal rest tumor

**M868-M871
glomus tumors**

M86801 Paraganglioma NOS
M86803 Paraganglioma, malignant
M86811 Sympathetic paraganglioma
M86821 Parasympathetic paraganglioma
M86901 Glomus jugulare tumor
M86911 Aortic body tumor
M86921 Carotid body tumor

Paragangliomas and

M86931 Extra-adrenal paraganglioma NOS
M86933 Extra-adrenal paraganglioma, malignant
M87000 Pheochromocytoma NOS
M87003 Pheochromocytoma, malignant
M87103 Glomangiosarcoma
M87110 Glomus tumor
M87120 Glomangioma

M872-M879 Nevi and melanomas

M87200 Pigmented nevus NOS
M87203 Malignant melanoma NOS
M87213 Nodular melanoma
M87220 Balloon cell nevus
M87223 Balloon cell melanoma
M87230 Halo nevus
M87240 Fibrous papule of the nose
M87250 Neuronevus
M87260 Magnocellular nevus
M87300 Nonpigmented nevus
M87303 Amelanotic melanoma
M87400 Junctional nevus
M87403 Malignant melanoma in junctional nevus
M87412 Precancerous melanosis NOS
M87413 Malignant melanoma in precancerous melanosis
M87422 Hutchinson's melanotic freckle
M87423 Malignant melanoma in Hutchinson's melanotic freckle
M87433 Superficial spreading melanoma
M87500 Intradermal nevus
M87600 Compound nevus
M87611 Giant pigmented nevus
M87613 Malignant melanoma in giant pigmented nevus
M87700 Epithelioid and spindle cell nevus
M87713 Epithelioid cell melanoma
M87723 Spindle cell melanoma NOS
M87733 Spindle cell melanoma, type A
M87743 Spindle cell melanoma, type B
M87753 Mixed epithelioid and spindle cell melanoma
M87800 Blue nevus NOS
M87803 Blue nevus, malignant
M87900 Cellular blue nevus

M880 Soft tissue tumors and sarcomas NOS

M88000 Soft tissue tumor, benign
M88003 Sarcoma NOS
M88009 Sarcomatosis NOS
M88013 Spindle cell sarcoma
M88023 Giant cell sarcoma (except of bone M92503)
M88033 Small cell sarcoma
M88043 Epithelioid cell sarcoma

M881-M883 Fibromatous neoplasms

M88100 Fibroma NOS
M88103 Fibrosarcoma NOS
M88110 Fibromyxoma
M88113 Fibromyxosarcoma

M88120	Periosteal fibroma
M88123	Periosteal fibrosarcoma
M88130	Fascial fibroma
M88133	Fascial fibrosarcoma
M88143	Infantile fibrosarcoma
M88200	Elastofibroma
M88211	Aggressive fibromatosis
M88221	Abdominal fibromatosis
M88231	Desmoplastic fibroma
M88300	Fibrous histiocytoma NOS
M88301	Atypical fibrous histiocytoma
M88303	Fibrous histiocytoma, malignant
M88310	Fibroxanthoma NOS
M88311	Atypical fibroxanthoma
M88313	Fibroxanthoma, malignant
M88320	Dermatofibroma NOS
M88321	Dermatofibroma protuberans
M88323	Dermatofibrosarcoma NOS

M884 Myxomatous neoplasms

M88400	Myxoma NOS
M88403	Myxosarcoma

M885-M888 Lipomatous neoplasms

M88500	Lipoma NOS
M88503	Liposarcoma NOS
M88510	Fibrolipoma
M88513	Liposarcoma, well differentiated type
M88520	Fibromyxolipoma
M88523	Myxoid liposarcoma
M88533	Round cell liposarcoma
M88543	Pleomorphic liposarcoma
M88553	Mixed type liposarcoma
M88560	Intramuscular lipoma
M88570	Spindle cell lipoma
M88600	Angiomyolipoma
M88603	Angiomyoliposarcoma
M88610	Angiolipoma NOS
M88611	Angiolipoma, infiltrating
M88700	Myelolipoma
M88800	Hibernoma
M88810	Lipoblastomatosis

M889-M892 Myomatous neoplasms

M88900	Leiomyoma NOS
M88901	Intravascular leiomyomatosis
M88903	Leiomyosarcoma NOS
M88911	Epithelioid leiomyoma
M88913	Epithelioid leiomyosarcoma
M88921	Cellular leiomyoma
M88930	Bizarre leiomyoma
M88940	Angiomyoma
M88943	Angiomyosarcoma
M88950	Myoma
M88953	Myosarcoma

M89000 Rhabdomyoma NOS
M89003 Rhabdomyosarcoma NOS
M89013 Pleomorphic rhabdomyosarcoma
M89023 Mixed type rhabdomyosarcoma
M89030 Fetal rhabdomyoma
M89040 Adult rhabdomyoma
M89103 Embryonal rhabdomyosarcoma
M89203 Alveolar rhabdomyosarcoma

M893-M899 Complex mixed and stromal neoplasms

M89303 Endometrial stromal sarcoma
M89311 Endolymphatic stromal myosis
M89320 Adenomyoma
M89400 Pleomorphic adenoma
M89403 Mixed tumor, malignant NOS
M89503 Mullerian mixed tumor
M89513 Mesodermal mixed tumor
M89601 Mesoblastic nephroma
M89603 Nephroblastoma NOS
M89613 Epithelial nephroblastoma
M89623 Mesenchymal nephroblastoma
M89703 Hepatoblastoma
M89803 Carcinosarcoma NOS
M89813 Carcinosarcoma, embryonal type
M89820 Myoepithelioma
M89900 Mesenchymoma, benign
M89901 Mesenchymoma NOS
M89903 Mesenchymoma, malignant
M89913 Embryonal sarcoma

M900-M903 Fibroepithelial neoplasms

M90000 Brenner tumor NOS
M90001 Brenner tumor, borderline malignancy
M90003 Brenner tumor, malignant
M90100 Fibroadenoma NOS
M90110 Intracanalicular fibroadenoma NOS
M90120 Pericanalicular fibroadenoma
M90130 Adenofibroma NOS
M90140 Serous adenofibroma
M90150 Mucinous adenofibroma
M90200 Cellular intracanalicular fibroadenoma
M90201 Cystosarcoma phyllodes NOS
M90203 Cystosarcoma phyllodes, malignant
M90300 Juvenile fibroadenoma

M904 Synovial neoplasms

M90400 Synovioma, benign
M90403 Synovial sarcoma NOS
M90413 Synovial sarcoma, spindle cell type
M90423 Synovial sarcoma, epithelioid cell type
M90433 Synovial sarcoma, biphasic type
M90443 Clear cell sarcoma of tendons and aponeuroses

M905 Mesothelial neoplasms

M90500 Mesothelioma, benign
M90503 Mesothelioma, malignant
M90510 Fibrous mesothelioma, benign
M90513 Fibrous mesothelioma, malignant
M90520 Epithelioid mesothelioma, benign
M90523 Epithelioid mesothelioma, malignant
M90530 Mesothelioma, biphasic type, benign
M90533 Mesothelioma, biphasic type, malignant
M90540 Adenomatoid tumor NOS

M906-M909 Germ cell neoplasms

M90603 Dysgerminoma
M90613 Seminoma NOS
M90623 Seminoma, anaplastic type
M90633 Spermatocytic seminoma
M90643 Germinoma
M90703 Embryonal carcinoma NOS
M90713 Endodermal sinus tumor
M90723 Polyembryoma
M90731 Gonadoblastoma
M90800 Teratoma, benign
M90801 Teratoma NOS
M90803 Teratoma, malignant NOS
M90813 Teratocarcinoma
M90823 Malignant teratoma, undifferentiated type
M90833 Malignant teratoma, intermediate type
M90840 Dermoid cyst
M90843 Dermoid cyst with malignant transformation
M90900 Struma ovarii NOS
M90903 Struma ovarii, malignant
M90911 Strumal carcinoid

M910 Trophoblastic neoplasms

M91000 Hydatidiform mole NOS
M91001 Invasive hydatidiform mole
M91003 Choriocarcinoma
M91013 Choriocarcinoma combined with teratoma
M91023 Malignant teratoma, trophoblastic

M911 Mesonephromas

M91100 Mesonephroma, benign
M91101 Mesonephric tumor
M91103 Mesonephroma, malignant
M91111 Endosalpingioma

M912-M916 Blood vessel tumors

M91200 Hemangioma NOS
M91203 Hemangiosarcoma
M91210 Cavernous hemangioma
M91220 Venous hemangioma
M91230 Racemose hemangioma
M91243 Kupffer cell sarcoma
M91300 Hemangioendothelioma, benign
M91301 Hemangioendothelioma NOS

M91303	Hemangioendothelioma, malignant
M91310	Capillary hemangioma
M91320	Intramuscular hemangioma
M91403	Kaposi's sarcoma
M91410	Angiokeratoma
M91420	Verrucous keratotic hemangioma
M91500	Hemangiopericytoma, benign
M91501	Hemangiopericytoma NOS
M91503	Hemangiopericytoma, malignant
M91600	Angiofibroma NOS
M91611	Hemangioblastoma

M917 Lymphatic vessel tumors

M91700	Lymphangioma NOS
M91703	Lymphangiosarcoma
M91710	Capillary lymphangioma
M91720	Cavernous lymphangioma
M91730	Cystic lymphangioma
M91740	Lymphangiomyoma
M91741	Lymphangiomyomatosis
M91750	Hemolymphangioma

M918-M920 Osteomas and osteosarcomas

M91800	Osteoma NOS
M91803	Osteosarcoma NOS
M91813	Chondroblastic osteosarcoma
M91823	Fibroblastic osteosarcoma
M91833	Telangiectatic osteosarcoma
M91843	Osteosarcoma in Paget's disease of bone
M91903	Juxtacortical osteosarcoma
M91910	Osteoid osteoma NOS
M92000	Osteoblastoma

M921-M924 Chondromatous neoplasms

M92100	Osteochondroma
M92101	Osteochondromatosis NOS
M92200	Chondroma NOS
M92201	Chondromatosis NOS
M92203	Chondrosarcoma NOS
M92210	Juxtacortical chondroma
M92213	Juxtacortical chondrosarcoma
M92300	Chondroblastoma NOS
M92303	Chondroblastoma, malignant
M92403	Mesenchymal chondrosarcoma
M92410	Chondromyxoid fibroma

M925 Giant cell tumors

M92501	Giant cell tumor of bone NOS
M92503	Giant cell tumor of bone, malignant
M92511	Giant cell tumor of soft parts NOS
M92513	Malignant giant cell tumor of soft parts

M926 Miscellaneous bone tumors

M92603	Ewing's sarcoma
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M92613 Adamantinoma of long bones
M92620 Ossifying fibroma

M927-M934 Odontogenic tumors

M92700 Odontogenic tumor, benign
M92701 Odontogenic tumor NOS
M92703 Odontogenic tumor, malignant
M92710 Dentinoma
M92720 Cementoma NOS
M92730 Cementoblastoma, benign
M92740 Cementifying fibroma
M92750 Gigantiform cementoma
M92800 Odontoma NOS
M92810 Compound odontoma
M92820 Complex odontoma
M92900 Ameloblastic fibro-odontoma
M92903 Ameloblastic odontosarcoma
M93000 Adenomatoid odontogenic tumor
M93010 Calcifying odontogenic cyst
M93100 Ameloblastoma NOS
M93103 Ameloblastoma, malignant
M93110 Odontoameloblastoma
M93120 Squamous odontogenic tumor
M93200 Odontogenic myxoma
M93210 Odontogenic fibroma NOS
M93300 Ameloblastic fibroma
M93303 Ameloblastic fibrosarcoma
M93400 Calcifying epithelial odontogenic tumor

M935-M937 Miscellaneous tumors

M93501 Craniopharyngioma
M93601 Pinealoma
M93611 Pineocytoma
M93623 Pineoblastoma
M93630 Melanotic neuroectodermal tumor
M93703 Chordoma

M938-M948 Gliomas

M93803 Glioma, malignant
M93813 Gliomatosis cerebri
M93823 Mixed glioma
M93831 Subependymal glioma
M93841 Subependymal giant cell astrocytoma
M93900 Choroid plexus papilloma NOS
M93903 Choroid plexus papilloma, malignant
M93913 Ependymoma NOS
M93923 Ependymoma, anaplastic type
M93931 Papillary ependymoma
M93941 Myxopapillary ependymoma
M94003 Astrocytoma NOS
M94013 Astrocytoma, anaplastic type
M94103 Protoplasmic astrocytoma
M94113 Gemistocytic astrocytoma
M94203 Fibrillary astrocytoma
M94213 Pilocytic astrocytoma

M94223 Spongioblastoma NOS
M94233 Spongioblastoma polare
M94303 Astroblastoma
M94403 Glioblastoma NOS
M94413 Giant cell glioblastoma
M94423 Glioblastoma with sarcomatous component
M94433 Primitive polar spongioblastoma
M94503 Oligodendroglioma NOS
M94513 Oligodendroglioma, anaplastic type
M94603 Oligodendroblastoma
M94703 Medulloblastoma NOS
M94713 Desmoplastic medulloblastoma
M94723 Medullomyoblastoma
M94803 Cerebellar sarcoma NOS
M94813 Monstrocellular sarcoma

M949-M952 Neuroepitheliomatous neoplasms

M94900 Ganglioneuroma
M94903 Ganglioneuroblastoma
M94910 Ganglioneuromatosis
M95003 Neuroblastoma NOS
M95013 Medulloepithelioma NOS
M95023 Teratoid medulloepithelioma
M95033 Neuroepithelioma NOS
M95043 Spongioneuroblastoma
M95051 Ganglioglioma
M95060 Neurocytoma
M95070 Pacinian tumor
M95103 Retinoblastoma NOS
M95113 Retinoblastoma, differentiated type
M95123 Retinoblastoma, undifferentiated type
M95203 Olfactory neurogenic tumor
M95213 Esthesioneurocytoma
M95223 Esthesioneuroblastoma
M95233 Esthesioneuroepithelioma

M953 Meningiomas

M95300 Meningioma NOS
M95301 Meningiomatosis NOS
M95303 Meningioma, malignant
M95310 Meningotheliomatous meningioma
M95320 Fibrous meningioma
M95330 Psammomatous meningioma
M95340 Angiomatous meningioma
M95350 Hemangioblastic meningioma
M95360 Hemangiopericytic meningioma
M95370 Transitional meningioma
M95381 Papillary meningioma
M95393 Meningeal sarcomatosis

M954-M957 Nerve sheath tumor

M95400 Neurofibroma NOS
M95401 Neurofibromatosis NOS
M95403 Neurofibrosarcoma
M95410 Melanotic neurofibroma

M95500 Plexiform neurofibroma
M95600 Neurilemmoma NOS
M95601 Neurinomatosis
M95603 Neurilemmoma, malignant
M95700 Neuroma NOS

M958 Granular cell tumors and alveolar soft part sarcoma

M95800 Granular cell tumor NOS
M95803 Granular cell tumor, malignant
M95813 Alveolar soft part sarcoma

M959-M963 Lymphomas, NOS or diffuse

M95900 Lymphomatous tumor, benign
M95903 Malignant lymphoma NOS
M95913 Malignant lymphoma, non Hodgkin's type
M96003 Malignant lymphoma, undifferentiated cell type NOS
M96013 Malignant lymphoma, stem cell type
M96023 Malignant lymphoma, convoluted cell type NOS
M96103 Lymphosarcoma NOS
M96113 Malignant lymphoma, lymphoplasmacytoid type
M96123 Malignant lymphoma, immunoblastic type
M96133 Malignant lymphoma, mixed lymphocytic-histiocytic NOS
M96143 Malignant lymphoma, centroblastic-centrocytic, diffuse
M96153 Malignant lymphoma, follicular center cell NOS
M96203 Malignant lymphoma, lymphocytic, well differentiated NOS
M96213 Malignant lymphoma, lymphocytic, intermediate differentiation NOS
M96223 Malignant lymphoma, centrocytic
M96233 Malignant lymphoma, follicular center cell, cleaved NOS
M96303 Malignant lymphoma, lymphocytic, poorly differentiated NOS
M96313 Prolymphocytic lymphosarcoma
M96323 Malignant lymphoma, centroblastic type NOS
M96333 Malignant lymphoma, follicular center cell, noncleaved NOS

M964 Reticulosarcomas

M96403 Reticulosarcoma NOS
M96413 Reticulosarcoma, pleomorphic cell type
M96423 Reticulosarcoma, nodular

M965-M966 Hodgkin's disease

M96503 Hodgkin's disease NOS
M96513 Hodgkin's disease, lymphocytic predominance
M96523 Hodgkin's disease, mixed cellularity
M96533 Hodgkin's disease, lymphocytic depletion NOS
M96543 Hodgkin's disease, lymphocytic depletion, diffuse fibrosis
M96553 Hodgkin's disease, lymphocytic depletion, reticular type
M96563 Hodgkin's disease, nodular sclerosis NOS
M96573 Hodgkin's disease, nodular sclerosis, cellular phase
M96603 Hodgkin's paragranuloma
M96613 Hodgkin's granuloma
M96623 Hodgkin's sarcoma

M969 Lymphomas, nodular or follicular

M96903 Malignant lymphoma, nodular NOS
M96913 Malignant lymphoma, mixed lymphocytic-histiocytic, nodular

M96923 Malignant lymphoma, centroblastic-centrocytic, follicular
M96933 Malignant lymphoma, lymphocytic, well differentiated, nodular
M96943 Malignant lymphoma, lymphocytic, intermediate differentiation, nodular
M96953 Malignant lymphoma, follicular center cell, cleaved, follicular
M96963 Malignant lymphoma, lymphocytic, poorly differentiated, nodular
M96973 Malignant lymphoma, centroblastic type, follicular
M96983 Malignant lymphoma, follicular center cell, noncleaved, follicular

M970 Mycosis fungoides

M97003 Mycosis fungoides
M97013 Sezary's disease

M971-M972 Miscellaneous reticuloendothelial neoplasms

M97103 Microglioma
M97203 Malignant histiocytosis
M97213 Histiocytic medullary reticulosis
M97223 Letterer-Siwe's disease

M973 Plasma cell tumors

M97303 Plasma cell myeloma
M97310 Plasma cell tumor, benign
M97311 Plasmacytoma NOS
M97313 Plasma cell tumor, malignant

M974 Mast cell tumors

M97401 Mastocytoma NOS
M97403 Mast cell sarcoma
M97413 Malignant mastocytosis

M975 Burkitt's tumor

M97503 Burkitt's tumor

M980-M994 Leukemias

M980 Leukemias NOS

M98003 Leukemia NOS
M98013 Acute leukemia NOS
M98023 Subacute leukemia NOS
M98033 Chronic leukemia NOS
M98043 Aleukemic leukemia NOS

M981 Compound leukemias

M98103 Compound leukemia

M982 Lymphoid leukemias

M98203 Lymphoid leukemia NOS
M98213 Acute lymphoid leukemia
M98223 Subacute lymphoid leukemia
M98233 Chronic lymphoid leukemia
M98243 Aleukemic lymphoid leukemia
M98253 Prolymphocytic leukemia

M983

Plasma cell leukemias

M98303 Plasma cell leukemia

M984 Erythroleukemias

M98403 Erythroleukemia
M98413 Acute erythremia
M98423 Chronic erythremia

M985 Lymphosarcoma cell leukemias

M98503 Lymphosarcoma cell leukemia

M986 Myeloid leukemias

M98603 Myeloid leukemia NOS
M98613 Acute myeloid leukemia
M98623 Subacute myeloid leukemia
M98633 Chronic myeloid leukemia
M98643 Aleukemic myeloid leukemia
M98653 Neutrophilic leukemia
M98663 Acute promyelocytic leukemia

M987 Basophilic leukemias

M98703 Basophilic leukemia

M988 Eosinophilic leukemias

M98803 Eosinophilic leukemia

M989 Monocytic leukemias

M98903 Monocytic leukemia NOS
M98913 Acute monocytic leukemia
M98923 Subacute monocytic leukemia
M98933 Chronic monocytic leukemia
M98943 Aleukemic monocytic leukemia

M990-M994 Miscellaneous leukemias

M99003 Mast cell leukemia
M99103 Megakaryocytic leukemia
M99203 Megakaryocytic myelosis
M99303 Myeloid sarcoma
M99403 Hairy cell leukemia

M995-M997 Miscellaneous myeloproliferative and lymphoproliferative disorders

M99501 Polycythemia vera
M99511 Acute panmyelosis
M99601 Chronic myeloproliferative disease
M99611 Myelosclerosis with myeloid metaplasia
M99621 Idiopathic thrombocythemia
M99701 Chronic lymphoproliferative disease