

Appendix A Histological types of sarcoma with SNOMED and SNOMED-CT coding

Morphological codes	SNOMED code	SNOMED-CT terminology	SNOMED-CT code
Adipocytic tumours			
Intermediate (locally aggressive)			
Atypical lipomatous tumour	M-88501	Atypical lipoma (morphologic abnormality)	116063003
Well-differentiated liposarcoma	M-88513	Well-differentiated liposarcoma	28655007
Malignant			
Dedifferentiated liposarcoma	M-88583	Dedifferentiated liposarcoma (morphologic abnormality)	67280001
Myxoid liposarcoma	M-88523	Myxoid liposarcoma (morphologic abnormality)	27849002
Pleomorphic liposarcoma Epithelioid liposarcoma	M-88543	Pleomorphic liposarcoma (morphologic abnormality)	112683004
Myxoid pleomorphic liposarcoma	M-88543	Pleomorphic liposarcoma (morphologic abnormality)	112683004
Liposarcoma, not otherwise specified	M-88503	Liposarcoma (morphologic abnormality)	1162815008
Fibroblastic/myofibroblastic tumours			
Intermediate (locally aggressive)			
Solitary fibrous tumour, benign	M-88150	Solitary fibrous tumor (morphologic abnormality)	128736003

Palmar/plantar type fibromatosis	M-88131	Palmar and plantar type fibromatosis (morphologic abnormality)	703611003
Desmoid-type fibromatosis	M-88211	Aggressive fibromatosis (morphologic abnormality)	47284001
Lipofibromatosis	M-88511	Lipofibromatosis (morphologic abnormality)	703633001
Giant cell fibroblastoma	M-88341	Giant cell fibroblastoma (morphologic abnormality)	128742004
Intermediate (rarely metastasizing)			
Dermatofibrosarcoma protuberans	M-88321	Dermatofibrosarcoma (morphologic abnormality)	76594008
Fibrosarcomatous dermatofibrosarcoma protuberans	M-88323	Fibrosarcomatous dermatofibrosarcoma protuberans (morphologic abnormality)	733859002
Pigmented dermatofibrosarcoma protuberans	M-88331	Pigmented dermatofibrosarcoma protuberans (morphologic abnormality)	62621002
Solitary fibrous tumour NOS Lipomatous solitary fibrous tumour Giant cell-rich solitary fibrous tumour	M-88151	Solitary fibrous tumour (morphologic abnormality)	128736003
Solitary fibrous tumour, malignant	M-88153	Solitary fibrous tumour, malignant (morphologic abnormality)	128737007
Inflammatory myofibroblastic tumour Epithelioid inflammatory myofibroblastic sarcoma	M-88251	Myofibroblastic tumour (morphologic abnormality)	116064009
Low-grade myofibroblastic sarcoma	M-88253	Low-grade myofibroblastic sarcoma (morphologic abnormality)	703615007
Myxoinflammatory fibroblastic sarcoma	M-88111	Myxoinflammatory fibroblastic sarcoma (morphologic abnormality)	703608004

Infantile fibrosarcoma	M-88143	Malignant infantile fibrosarcoma (morphologic abnormality)	52040006
Superficial CD34-positive fibroblastic tumour	M-88101	Superficial CD34-positive fibroblastic tumor (morphologic abnormality)	1292997005
Superficial CD34-positive fibroblastic tumour			
Malignant			
Fibrosarcoma NOS	M-88103	Fibrosarcoma (morphologic abnormality)	53654007
Myxofibrosarcoma Epithelioid myxofibrosarcoma	M-88113	Myxofibrosarcoma (morphologic abnormality)	703609007
Low-grade fibromyxoid sarcoma	M-88403	Low-grade fibromyxoid sarcoma (morphologic abnormality)	703617004
Sclerosing epithelioid fibrosarcoma	M-88403	Sclerosing epithelioid fibrosarcoma (morphologic abnormality)	703618009
So-called fibrohistiocytic tumours			
Intermediate (rarely metastasizing)			
Plexiform fibrohistiocytic tumour	M-88351	Plexiform fibrohistiocytic tumour (morphologic abnormality)	128743009
Giant cell tumour of soft parts NOS	M-92511	Giant cell tumour of soft parts (morphologic abnormality)	82125002
Smooth muscle tumours			
Malignant			
Leiomyosarcoma	M-88903	Leiomyosarcoma (morphologic abnormality)	1163022006

Skeletal muscle tumours			
Malignant			
Embryonal rhabdomyosarcoma NOS Embryonal rhabdomyosarcoma , pleomorphic	M-89103	Embryonal rhabdomyosarcoma (morphologic abnormality)	14269005
Alveolar rhabdomyosarcoma (including solid, anaplastic)	M-89203	Alveolar rhabdomyosarcoma (morphologic abnormality)	63449009
Pleomorphic rhabdomyosarcoma	M-89013	Pleomorphic rhabdomyosarcoma (morphologic abnormality)	77455004
Spindle cell rhabdomyosarcoma Congenital spindle cell rhabdomyosarcoma with VGLL2/NCOA2/CIT ED2 rearrangements MyoD1-mutant spindle cell/sclerosing rhabdomyosarcoma	M-89123	Spindle cell rhabdomyosarcoma (morphologic abnormality)	128749008
Ectomesenchymoma	M-89213	Ectomesenchymoma (morphologic abnormality)	128750008
Vascular tumours			
Intermediate (locally aggressive)			
Kaposiform haemangioendothelioma	M-91301	Haemangioendothelioma (morphologic abnormality)	66229009
Intermediate (rarely metastasizing)			

Retiform haemangioendothelioma	M-91361	Retiform hemangioendothelioma (morphologic abnormality)	703659003
Papillary intralymphatic angioendothelioma	M-91351	Papillary intralymphatic angioendothelioma (morphologic abnormality)	128768006
Composite Haemangioendothelioma Neuroendocrine composite haemangioendothelioma	M-91361	Composite hemangioendothelioma (morphologic abnormality)	703660008
Pseudomyogenic (epithelioid sarcoma-like) haemangioendothelioma	M-91361	Pseudomyogenic (epithelioid sarcoma-like) hemangioendothelioma (morphologic abnormality)	703658006
Kaposi sarcoma	M-91403	Kaposi sarcoma (morphologic abnormality)	1179374007
Malignant			
Epithelioid Haemangioendothelioma NOS Epithelioid haemangioendothelioma with <i>WWTR1::CAMTA1</i> fusion Epithelioid haemangioendothelioma with <i>YAP1::TFE3</i> fusion	M-91333	Epithelioid hemangioendothelioma, malignant (morphologic abnormality)	54124005
Angiosarcoma of soft tissue	M-91203	Haemangiosarcoma (morphologic abnormality)	39000009
Nerve sheath tumours			
Malignant			

Malignant peripheral nerve sheath tumour	M-95403	Malignant peripheral nerve sheath tumour (morphologic abnormality)	19897006
Malignant peripheral nerve sheath tumour, epithelioid	M-95423	Epithelioid malignant nerve sheath tumour (morphological abnormality)	253093000
Malignant triton tumour	M-95613	Malignant peripheral nerve sheath tumour with rhabdomyoblastic differentiation (morphologic abnormality)	354002
Malignant melanotic nerve sheath tumour (previously melanotic schwannoma)	M-95403	Melanotic malignant peripheral nerve sheath tumor (morphologic abnormality)	253094006
Granular cell tumour, malignant	M-95803	Granular cell tumour, malignant (morphologic abnormality)	13238004
Perineurioma, malignant	M-95713	Perineurioma, malignant (morphologic abnormality)	128796000
Chondro-osseous tumours			
Mesenchymal chondrosarcoma	M-92403	Mesenchymal chondrosarcoma (morphologic abnormality)	56565002
Osteosarcoma, extraskeletal	M-91803	Osteosarcoma (morphologic abnormality)	1163405004
Tumours of uncertain differentiation			
Intermediate (locally aggressive)			
Haemosiderotic fibrolipomatous tumour	M-88111	Hemosiderotic fibrolipomatous tumor (morphologic abnormality)	1290731006
Angiomyolipoma, epithelioid	M-88601	Epithelioid angiomyolipoma (morphologic abnormality)	733836008

Intermediate (rarely metastasizing)			
Atypical fibroxanthoma	M-88301	Atypical fibrous histiocytoma (morphologic abnormality)	26496005
Angiomatoid fibrous histiocytoma	M-88361	Angiomatoid fibrous histiocytoma (morphologic abnormality)	128744003
Ossifying fibromyxoid tumour, NOS	M-88420	Ossifying fibromyxoid tumour, malignant (morphologic abnormality)	703631004
Mixed tumour, NOS	M-89400	Pleomorphic adenoma (morphologic abnormality)	8360001
Mixed tumour, malignant, NOS	M-89403	Mixed tumour, malignant (morphologic abnormality)	8145008
Myoepithelioma, NOS	M-89820	Myoepithelioma (morphologic abnormality)	69291002
Malignant			
Phosphaturic mesenchymal tumour, malignant	M-89903	Phosphaturic mesenchymal tumor, malignant (morphologic abnormality)	703650004
NTRK-rearranged spindle cell neoplasm		NTRK-rearranged spindle cell neoplasm (morphologic abnormality)	1290756000
Synovial sarcoma, NOS	M-90403	Synovial sarcoma (morphologic abnormality)	63211008
Synovial sarcoma, spindle cell	M-90413	Synovial sarcoma, spindle cell (morphologic abnormality)	37206003
Synovial sarcoma, biphasic	M-90433	Synovial sarcoma, biphasic (morphologic abnormality)	18588008
Epithelioid sarcoma	M-88043	Epithelioid sarcoma (morphologic abnormality)	59238007

Alveolar soft part sarcoma	M-95813	Alveolar soft part sarcoma (morphologic abnormality)	88195001
Clear cell sarcoma NOS	M-90443	Clear cell sarcoma (except of kidney M-89643) (morphologic abnormality)	12622007
Extraskeletal myxoid chondrosarcoma	M-92313	Myxoid chondrosarcoma (morphologic abnormality)	75622000
Desmoplastic small round cell tumour	M-88063	Desmoplastic small round cell tumour (morphologic abnormality)	128735004
Rhabdoid tumour, NOS	M-89633	Malignant rhabdoid tumour (morphologic abnormality)	83118000
Perivascular epithelioid tumour, malignant	M-87143	Perivascular epithelioid tumour, malignant (morphologic abnormality)	703605001
Intimal sarcoma	M-91373	Intimal sarcoma	703661007
Ossifying fibromyxoid tumour, malignant	M-88423	Ossifying fibromyxoid tumor, malignant (morphologic abnormality)	703631004
Myoepithelial carcinoma	M-89823	Malignant myoepithelioma (morphologic abnormality)	128884000
Undifferentiated sarcoma	M-88053	Undifferentiated sarcoma (morphologic abnormality)	128734000
Spindle cell sarcoma, undifferentiated	M-88013	Spindle cell sarcoma (morphologic abnormality)	9801004
Pleomorphic sarcoma, undifferentiated	M-88023	Undifferentiated pleomorphic sarcoma (morphologic abnormality)	1290732004
Round cell sarcoma, undifferentiated	M-88033	Small cell sarcoma (morphologic abnormality)	73506006

SNOMED P (Procedure) codes

These are used in SNOMED 2 and SNOMED 3 to distinguish biopsies, partial resections and radical resections to indicate the nature of the procedure.

Local P codes should be recorded. At present, P codes vary according to the SNOMED system in use in different institutions.