

Bone**C40.0-C40.3, C40.8-C40.9, C41.0-C41.4, C41.8-C41.9****C40.0 Long bones of upper limb, scapula and associated joints****C40.1 Short bones of upper limb and associated joints****C40.2 Long bones of lower limb and associated joints****C40.3 Short bones of lower limb and associated joints****C40.8 Overlapping lesion of bones, joints and articular cartilage of limbs****C40.9 Bone of limb, NOS****C41.0 Bones of skull and face and associated joints (excludes mandible C41.1)****C41.1 Mandible****C41.2 Vertebral column (excludes sacrum and coccyx C41.4)****C41.3 Rib, sternum, clavicle and associated joints****C41.4 Pelvic bones, sacrum, coccyx and associated joints****C41.8 Overlapping lesion of bones, joints and articular cartilage****C41.9 Bone, NOS**

Note: Laterality must be coded for C40.0-C40.3, and C41.3-C41.4. For sternum, sacrum, coccyx, and symphysis pubis, laterality is coded 0.

Note: The determination of AJCC stage group from T, N, M, and grade for bone also depends on histologic type. The Histologies Stage Table shows the selection of the AJCC Stage table based on histology.

Bone**CS Tumor Size**

Note 1: According to AJCC tumor size is an important prognostic factor. The three dimensions of tumor size (length, width, and height) are also important to collect if documented in the patient record. Record the largest dimension of tumor size in CS Tumor Size. Record the second largest dimension of tumor size in CS Site-Specific Factor 1 and the smallest dimension of tumor size in CS Site-Specific Factor 2.

Note 2: Tumor size expressed as 4.0 centimeter (cm) x 3.0 cm x 2.0 cm is recorded as follows:

CS Tumor Size: 040

CS Site-specific Factor 1: 030

CS Site-Specific Factor 2: 020

Tumor size expressed as "greater than 8 cm" is recorded as follows:

" CS Tumor Size : 997

" CS Site-Specific Factor 1: 999

" CS Site-Specific Factor 2: 999

Note 3: The assignment of T1 and T2 categories for tumors of bone is based on tumor size. A physician's statement of the T category may be used to code CS Tumor Size and/or CS Extension if this is the only information in the medical record regarding one or both of these fields. However the two fields are coded independently: for example the record may document size but not extension, other than the physician's statement of the T category. Use codes 996 and 997 as appropriate to code CS Tumor Size based on a statement of T when no other size information is available.

Code	Description
000	No mass/tumor found
001-988	001 - 988 millimeters (mm) (Exact size to nearest mm)
989	989 mm or larger
990	Microscopic focus or foci only and no size of focus given
991	Described as "less than 1 centimeter (cm)"
992	Described as "less than 2 cm," or "greater than 1 cm," or "between 1 cm and 2 cm"
993	Described as "less than 3 cm," or "greater than 2 cm," or "between 2 cm and 3 cm"
994	Described as "less than 4 cm," or "greater than 3 cm," or "between 3 cm and 4 cm"
995	Described as "less than 5 cm," or "greater than 4 cm," or "between 4 cm and 5 cm"
996	Described as "less than 8 cm" or "between 5 cm and 8 cm" Stated as T1 NOS with no other information on size
997	Described as "greater than 8 cm" Stated as T2 NOS with no other information on size
999	Unknown; size not stated Size of tumor cannot be assessed Not documented in patient record

Bone

CS Extension

Note 1: The cortex of a bone is the dense outer shell that provides strength to the bone; the spongy center of a bone is the cancellous portion. The periosteum of the bone is the fibrous membrane covering of a bone that contains the blood vessels and nerves; the periosteum is similar to the capsule on a visceral organ.

Note 2: The assignment of T1 and T2 categories for tumors of bone is based on tumor size. A physician's statement of the T category may be used to code CS Tumor Size and/or CS Extension if this is the only information in the medical record regarding one or both of these fields. However the two fields are coded independently: for example the record may document size but not extension, other than the physician's statement of the T category. Use codes 310 and 350 as appropriate to code CS Extension based on a statement of T when no other extension information is available.

Note 3: The term "skip metastasis" is not used with a consistent meaning in the literature. In some cases, it refers to discontinuous metastasis in the same bone as the primary tumor, while in other cases it refers to discontinuous metastasis in an adjacent bone, usually in the same limb. For AJCC staging, discontinuous metastasis in the same bone is classified as T3 (coded in CS Extension), and discontinuous metastasis in an adjacent bone is classified as M1b (coded in CS Mets at DX). If a primary bone tumor is stated as having "skip metastasis" or "skip lesions" with no other information regarding the bone involved, use code 820 in CS Extension.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
100	Invasive tumor confined to cortex of bone	^	*	L	L
200	Extension beyond cortex to periosteum (No break in periosteum)	^	*	L	L
300	Localized, NOS	^	*	L	L
310	Stated as T1 with no other information on extension	^	*	L	L
350	Stated as T2 with no other information on extension	^	*	L	L
400	Extension beyond periosteum to surrounding tissues, including adjacent skeletal muscle(s)	^	*	RE	RE
600	Adjacent bone/cartilage	^	*	RE	RE
700	Skin	^	*	D	D
800	Further contiguous extension	^	*	D	D
820	Discontinuous tumors in the primary bone site	T3	T3	D	D
950	No evidence of primary tumor	T0	T0	U	U
999	Unknown; extension not stated Primary tumor cannot be assessed Not documented in patient record	TX	TX	U	U

^ For CS Extension codes 100-800 ONLY, the T category for AJCC 7 staging is assigned based on the value of CS Tumor Size, as shown in the Extension Size Table for this schema.

* For CS Extension codes 100-800 ONLY, the T category for AJCC 6 staging is assigned based on the value of CS Tumor Size, as shown in the Extension Size Table for this schema.

Bone**CS Tumor Size/Ext Eval**

See Standard Table

Bone**CS Lymph Nodes**

Note 1: Code only regional nodes and nodes, NOS, in this field. Distant nodes are coded in CS Mets at DX.

Note 2: Regional lymph nodes are defined as those in the vicinity of the primary tumor.

Note 3: Regional lymph node involvement is rare. If there is no mention of lymph node involvement clinically, assume that lymph nodes are negative. Use code 999 (Unknown) only when there is no available information on the extent of the patient's disease, for example when a lab-only case is abstracted from a biopsy report and no clinical history is available.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
000	No regional lymph node involvement	N0	N0	NONE	NONE
100	Regional lymph nodes	N1	N1	RN	RN
800	Lymph nodes, NOS	N1	N1	RN	RN
999	Unknown; regional lymph nodes not stated Regional lymph nodes cannot be assessed Not documented in patient record (See Note 3)	NX	NX	U	U

Bone**CS Lymph Nodes Eval**

See Standard Table

Bone**Regional Nodes Positive**

See Standard Table

Note: Record this field even if there has been preoperative treatment.

Bone**Regional Nodes Examined**

See Standard Table

Bone**CS Mets at DX**

Note: The term "skip metastasis" is not used with a consistent meaning in the literature. In some cases, it refers to discontinuous metastasis in the same bone as the primary tumor, while in other cases it refers to discontinuous metastasis in an adjacent bone, usually in the same limb. For AJCC staging, discontinuous metastasis in the same bone is classified as T3 (coded in CS Extension), and discontinuous metastasis in an adjacent bone is classified as M1b (coded in CS Mets at DX). If a primary bone tumor is stated as having "skip metastasis" or "skip lesions" with no other information regarding the bone involved, use code 820 in CS Extension.

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
00	No distant metastasis	M0	M0	NONE	NONE
10	OBSOLETE DATA CONVERTED V0203 See code 35 Distant lymph node(s)	ERROR	ERROR	ERROR	ERROR
30	Distant metastasis to lung only Stated as M1a with no other information on distant metastasis	M1a	M1a	D	D
35	Distant lymph node(s)	M1b	M1b	D	D
40	Distant metastasis except distant lymph node(s) or "lung only" Distant metastasis to lung plus other sites except distant lymph nodes. Carcinomatosis	M1b	M1b	D	D
50	(30 or 40) + 35 Distant metastasis plus distant lymph nodes(s)	M1b	M1b	D	D
53	Stated as M1b with no other information on distant metastasis	M1b	M1b	D	D
55	OBSOLETE DATA CONVERTED V0200 See code 60 Stated as M1 NOS	ERROR	ERROR	ERROR	ERROR

Code	Description	TNM 7 Map	TNM 6 Map	SS77 Map	SS2000 Map
60	Distant metastasis, NOS Stated as M1[NOS] with no other information on distant metastasis	M1NOS	M1NOS	D	D
99	Unknown; distant metastasis not stated Distant metastasis cannot be assessed Not documented in patient record	M0	MX	U	U

Bone**CS Mets Eval****See Standard Table**

Note: This item reflects the validity of the classification of the item CS Mets at DX only according to the diagnostic methods employed.