

BONE DATA SHEET

(ICD10 C40, C41)

UICC TNM 9th EDITION STAGING SUMMARY

Stage Group	T stage	N stage	M stage	
<i>Appendicular Skeleton, Trunk, Skull and Facial Bones</i>				
Stage IA	T1	N0	M0	G1, GX low grade
Stage IB	T2, T3	N0	M0	G1, GX low grade
Stage IIA	T1	N0	M0	G2, G3 high grade
Stage IIB	T2	N0	M0	G2, G3 high grade
Stage III	T3	N0	M0	G2, G3 high grade
Stage IVA	Any T	N0	M1a	Any G
Stage IVB	Any T	N1	Any M	Any G
	Any T	Any N	M1b	Any G
<i>Spine and Pelvis</i>				
There is no stage for bone sarcomas of the spine or pelvis.				

TNM Clinical Classification

T – Primary Tumour

cTX Primary tumour cannot be assessed

cT0 No evidence of primary tumour

Appendicular Skeleton, Trunk, Skull and Facial Bones

cT1 Tumour 8 cm or less in greatest dimension

cT2 Tumour more than 8 cm in greatest dimension

cT3 Discontinuous tumours in the primary bone site

Spine

cT1 Tumour confined to a single vertebral segment or two adjacent vertebral segments

cT2 Tumour confined to three adjacent vertebral segments

cT3 Tumour confined to four adjacent vertebral segments

cT4a Tumour invades into the spinal canal

cT4b Tumour invades the adjacent vessels or tumour thrombosis within the adjacent vessels

The five vertebral segments are the: Right pedicle; Right body; Left body; Left pedicle; Posterior element

Pelvis	
cT1a	A tumour 8 cm or less in size and confined to a single pelvic segment with no extraosseous extension
cT1b	A tumour greater than 8 cm in size and confined to a single pelvic segment with no extraosseous extension
cT2a	A tumour 8 cm or less in size and confined to a single pelvic segment with extraosseous extension or confined to two adjacent pelvic segments without extraosseous extension
cT2b	A tumour greater than 8 cm in size and confined to a single pelvic segment with extraosseous extension or confined to two adjacent pelvic segments without extraosseous extension
cT3a	A tumour 8 cm or less in size and confined to two pelvic segments with extraosseous extension
cT3b	A tumour greater than 8 cm in size and confined to two pelvic segments with extraosseous extension
cT4a	Tumour involving three adjacent pelvic segments or crossing the sacroiliac joint to the sacral neuroforamen
cT4b	Tumour encasing the external iliac vessels or gross tumour thrombus in major pelvic vessels
The four pelvic segments are the: Sacrum lateral to the sacral foramen; Iliac wing; Acetabulum/periacetabulum; Pelvic rami, symphysis and ischium	

N – Regional Lymph Nodes	
cNX	Regional lymph nodes cannot be assessed
cN0	No regional lymph node metastasis
cN1	Regional lymph node metastasis

M – Distant Metastasis	
cM0	No distant metastasis
cM1	Distant metastasis cM1a - Lung cM1b - Other distant sites

TNM Pathological Classification
<i>The pT and pN categories correspond to the cT and cN categories</i>