



Bone Sarcoma

Quick guide for TNM 8

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Appendicular skeleton, trunk, skull and facial bones

T – Primary Tumour

T0 – No evidence of primary tumour

T1 – Tumour 8 cm or less in greatest dimension

T2 – Tumour more than 8 cm in greatest dimension

T3 – Discontinuous tumours in the primary bone site

N – Regional Lymph Nodes

N0 – No regional lymph node metastasis

N1 – Regional lymph node metastasis

M – Distant Metastasis

M0 – No distant metastasis

M1 – Distant metastasis

M1a – Lung

M1b – Bone or other distant sites

G – Histologic Grade

G1 – Well differentiated, low grade

G2 – Moderately differentiated, high grade

G3 – Poorly differentiated, high grade

Stage Grouping

Stage IA	T1	N0	M0	G1
Stage IB	T2 or T3	N0	M0	G1
Stage IIA	T1	N0	M0	G2 or G3
Stage IIB	T2	N0	M0	G2 or G3
Stage III	T3	N0	M0	G2 or G3
Stage IVA	Any T	N0	M1a	Any Grade
Stage IVB	Any T	N1	Any M	Any Grade
	Any T	Any N	M1b	Any Grade

Spine

T – Primary Tumour

T0 – No evidence of primary tumour

T1 – Tumour confined to one vertebral segment or two adjacent vertebral segments

T2 – Tumour confined to three adjacent vertebral segments

T3 – Tumour confined to four or more adjacent vertebral segments, or any nonadjacent vertebral segments

T4 – Extension into the spinal canal or great vessels

T4a – Extension into the spinal canal

T4b – Evidence of gross vascular invasion or tumour thrombus in the great vessels

N – Regional Lymph Nodes

N0 – No regional lymph node metastasis

N1 – Regional lymph node metastasis

M – Distant Metastasis

M0 – No distant metastasis

M1 – Distant metastasis

M1a – Lung

M1b – Bone or other distant sites

Pelvis

T – Primary Tumour

T0 – No evidence of primary tumour

T1 – Tumour confined to one pelvic segment with no extraosseous extension

T1a – Tumour 8 cm or less in greatest dimension

T1b - Tumour more than 8 cm in greatest dimension

T2 – Tumour confined to one pelvic segment with extraosseous extension or two segments without extraosseous extension

T2a - Tumour 8 cm or less in greatest dimension

T2b - Tumour more than 8 cm in greatest dimension

T3 – Tumour spanning two pelvic segments with extraosseous extension

T3a - Tumour 8 cm or less in greatest dimension

T3b - Tumour more than 8 cm in greatest dimension

T4 – Tumour spanning three pelvic segments or crossing the sacroiliac joint

T4a – Tumour involves sacroiliac joint and extends medial to the sacral neuroforamen

T4b – Tumour encasement of external iliac vessels or presence of gross tumour thrombus in major pelvic vessels

N – Regional Lymph Nodes

N0 – No regional lymph node metastasis

N1 – Regional lymph node metastasis

M – Distant Metastasis

M0 – No distant metastasis

M1 – Distant metastasis

M1a – Lung

M1b – Bone or other distant sites