

**BC Cancer Agency**

CARE + RESEARCH

An agency of the Provincial Health Services Authority

**MUSCULOSKELETAL & SARCOMA  
STAGING DIAGRAM AND DATASHEET**

<b>Site:</b>		<b>Bone Location:</b>		<b>Site Code:</b>	
<b>Histology:</b>				<b>Hist Code:</b>	
<b>Date of Primary Diagnosis:</b>				(dd/mm/yy) <input type="checkbox"/> Benign <input type="checkbox"/> Malignant	

**STAGING**

<b>Biopsy:</b>	<input type="checkbox"/> FNA <input type="checkbox"/> Core <input type="checkbox"/> Incisional <input type="checkbox"/> Excisional	<b>Date:</b>	(dd/mm/yy)		
<input type="checkbox"/> Prior Biopsy influencing Staging		<b>Comments:</b>			
<b>Differential Histologies:</b>		<b>GIST Only: # Mitoses/50 HPF</b>			
<input type="checkbox"/> Intracompartmental <input type="checkbox"/> Extracompartmental		<b>C-Kit:</b> <input type="checkbox"/> Positive <input type="checkbox"/> Negative			
<b>Size: (gross)</b>	_____ (greatest) x _____ x _____ cm				
<b>Depth (to fascia):</b>	<input type="checkbox"/> Superficial <input type="checkbox"/> Deep <input type="checkbox"/> Unknown				
<b>Pathological Grade:</b>	<input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Unknown				
<b>Metastases:</b>	<input type="checkbox"/> Regional Lymph Nodes <input type="checkbox"/> Lung <input type="checkbox"/> Other: _____				
<b>STAGE:</b>	<input type="checkbox"/> Clinical <input type="checkbox"/> Pathological		<b>G:</b>	<b>T:</b>	<b>N:</b> <b>M:</b> (AJCC 2009)
<b>STAGE GROUPING:</b> (see reverse)			(AJCC 2009)		
<b>Enneking 1980:</b>	BENIGN <input type="checkbox"/> Latent <input type="checkbox"/> Active <input type="checkbox"/> Aggressive MALIGNANT <input type="checkbox"/> IA <input type="checkbox"/> IB <input type="checkbox"/> IIA <input type="checkbox"/> IIB <input type="checkbox"/> III				

Staging Completed By: \_\_\_\_\_ Date: \_\_\_\_\_ (dd/mm/yy)

Diagnosis/Stage Amended to: \_\_\_\_\_

Reason: \_\_\_\_\_

By: \_\_\_\_\_ Date: \_\_\_\_\_ (dd/mm/yy)

**NOTIFY DATA QUALITY & REGISTRY IF STAGE/DIAGNOSIS IS AMENDED****SURGERY**

<b>Surgery Type:</b>	<input type="checkbox"/> Intralesional <input type="checkbox"/> Marginal <input type="checkbox"/> Wide <input type="checkbox"/> None	<b>Date:</b>	(dd/mm/yy)		
<b>Size: (gross)</b>	_____ (greatest) x _____ x _____ cm				
<b>Surgical Margins:</b>	<input type="checkbox"/> Positive <input type="checkbox"/> Microscopically Positive <input type="checkbox"/> Unknown				
	<input type="checkbox"/> Negative – measurement to nearest margin _____ mm				
<b>Margin Tissue Type (if negative)</b>	<input type="checkbox"/> Fat <input type="checkbox"/> Fascia <input type="checkbox"/> Muscle <input type="checkbox"/> Other: _____				
<b>Vascular Invasion:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				
<b>Estimated % Necrosis:</b>			<b>Treatment Effect:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	

**RADIOTHERAPY**

<b>Start Date:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Intent:</b>	<input type="checkbox"/> Rad <input type="checkbox"/> Pall Rad <input type="checkbox"/> Adj	<b>Target:</b>	<input type="checkbox"/> Primary <input type="checkbox"/> Mets
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**CHEMOTHERAPY**

<b>Start Date:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Regimen:</b>	
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**RELAPSE**

<b>1<sup>st</sup> Local Relapse:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Site:</b>	(same as primary site):	
<b>1<sup>st</sup> Distant Metastasis:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Site:</b>	<b>Site Code:</b>	
<b>Distant Metastasis:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Site:</b>	<b>Site Code:</b>	
<b>Distant Metastasis:</b>	<b>Date:</b>	(dd/mm/yy)	<b>Site:</b>	<b>Site Code:</b>	

**FOLLOW-UP**

<b>Last Contact Date:</b>	(dd/mm/yy)				
<b>Patient Status:</b>	<input type="checkbox"/> Alive <input type="checkbox"/> Deceased	<b>Disease Status:</b>	<input type="checkbox"/> Free of Disease <input type="checkbox"/> With Disease <input type="checkbox"/> Unknown		

Database Datasheet Completed By: \_\_\_\_\_ Date: \_\_\_\_\_ (dd/mm/yy)

# MUSCULOSKELETAL & SARCOMA STAGING DIAGRAM AND DATASHEET

AJCC 7<sup>th</sup> Edition for Diagnosis Date ≥ 01 January 2010

## Definitions for T, N, and M Descriptors

Bone	
<b>Primary Tumour (T)</b>	
TX	Primary tumour cannot be assessed
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
<b>Regional Lymph Nodes (N)</b>	
NX	Regional lymph nodes cannot be assessed
N0	No regional lymph node metastasis
N1	Regional lymph node metastasis
<b>Distant Metastasis (M)</b>	
M0	No distant metastasis (no pathological M); use clinical M to complete stage group)
M1	Distant metastasis
M1a	Lung
M1b	Other distant sites

Soft Tissues	
<b>Primary Tumour (T)</b>	
TX	Primary tumour cannot be assessed
T0	No evidence of primary tumour
T1	Tumour 5 cm or less in greatest dimension
T1a	Superficial tumour
T1b	Deep tumour
T2	Tumour more than 5 cm in greatest dimension
T2a	Superficial tumour
T2b	Deep tumour
<b>Regional Lymph Nodes (N)</b>	
NX	Regional lymph nodes cannot be assessed
N0	No regional lymph node metastasis
N1	Regional lymph node metastasis Note: presence of positive nodes (N1) in M0 tumours is considered Stage III
<b>Distant Metastasis (M)</b>	
MX	Distant metastasis cannot be assessed
M0	No distant metastasis
M1	Distant metastasis

Anatomical Stage Prognostic Groups - Bone					
Stage IA	T1	N0	M0	G1, 2	Low Grade GX
Stage IB	T2	N0	M0	G1, 2	Low Grade GX
	T3	N0	M0	G1, 2	Low Grade GX
Stage IIA	T1	N0	M0	G3, 4	High Grade GX
Stage IIB	T2	N0	M0	G3, 4	High Grade GX
Stage III	T3	N0	M0	G3, 4*	
Stage IVA	Any T	N0	M1a	Any G	
Stage IVB	Any T	N1	Any M	Any G	
	Any T	Any N	M1b	Any G	

\*Ewing's Sarcoma is classified as G4

Anatomic Stage Prognostic Groups – Soft Tissue				
Stage IA	T1a	N0	M0	G1, GX
	T1b	N0	M0	G1, GX
Stage IB	T2a	N0	M0	G1, GX
	T2b	N0	M0	G1, GX
Stage IIA	T1a	N0	M0	G2, 3
	T1b	N0	M0	G2, 3
Stage IIB	T2a	N0	M0	G2
	T2b	N0	M0	G2
Stage III	T2a, T2b	N0	M0	G3
	Any T	N1	M0	Any G
Stage IV	Any T	Any N	M1	Any G

Gastrointestinal Stromal Tumours (GIST)	
<b>Primary Tumour (T)</b>	
TX	Primary tumour cannot be assessed
T0	No evidence of primary tumour
T1	Tumour 2 cm or less
T2	Tumour more than 2 cm but not more than 5 cm
T3	Tumour more than 5 cm but not more than 10 cm
T4	Tumour more than 10 cm in greatest dimension
<b>Regional Lymph Nodes (N)</b>	
NX	Regional lymph nodes cannot be assessed
N0	No regional lymph node metastasis
N1	Regional lymph node metastasis Note: presence of positive nodes (N1) in M0 tumours is considered Stage III
<b>Distant Metastasis (M)</b>	
M0	No distant metastasis (only applicable for clinical staging i.e. if a cM1 is biopsied and is negative, it becomes cM0, not pM0)
M1	Distant metastasis
M1a	Lung
M1b	Other distant sites

Anatomic Stage Prognostic Groups Gastric Primary and Omental GIST				
Stage IA	T1, T2	N0	M0	Low
Stage IB	T3	N0	M0	Low
Stage II	T1	N0	M0	High
	T2	N0	M0	High
	T4	N0	M0	Low
Stage IIIA	T3	N0	M0	High
Stage IIIB	T4	N0	M0	High
Stage IV	Any T	N1	M0	Any Rate
	Any T	Any N	M1	Any Rate

Anatomic Stage Prognostic Groups Small Intestine Rectum, Colon Mesentery & Esophagus				
Stage I	T1, T2	N0	M0	Low
Stage II	T3	N0	M0	Low
Stage IIIA	T1	N0	M0	High
	T4	N0	M0	Low
Stage IIIB	T2	N0	M0	High
	T3	N0	M0	High
	T4	N0	M0	High
Stage IV	Any T	N1	M0	Any Rate
	Any T	Any N	M1	Any Rate