

UICC version 7 CLINICAL & PATHOLOGICAL CLASSIFICATION

TNM Clinical Classification		pTNM Pathological Classification	
T -	PRIMARY TUMOUR	pT -	PRIMARY TUMOUR
X	The extent of the primary tumour is classified after radical orchiectomy; see pT. If no radical orchiectomy has been performed, TX is used	pTX	Primary tumour cannot be assessed (if no radical orchiectomy has been performed, TX is used)
N -	REGIONAL LYMPH NODES	pT0	No evidence of primary tumour (eg: histologic scar in testis)
NX	Regional lymph nodes cannot be assessed	PTis	Intratubular germ cell neoplasia (carcinoma in situ)
N0	No regional lymph node metastasis	pT1	Tumour limited to testis and epididymis without vascular/lymphatic invasion; tumour may invade tunica albuginea but not tunica vaginalis
N1	Metastasis with a lymph node mass 2 cm or less in greatest dimension or multiple lymph nodes, none more than 2 cm in greatest transverse dimension	pT2	Tumour limited to testis and epididymis with vascular/lymphatic invasion, or tumour extending through tunica albuginea with involvement of tunica vaginalis
N2	Metastasis with a lymph node mass more than 2 cm but not more than 5 cm in greatest dimension, or multiple lymph nodes, any one mass more than 2 cm but not more than 5 cm in greatest transverse dimension	pT3	Tumour invades spermatic cord with or without vascular/lymphatic invasion
N3	Metastasis with a lymph node mass more than 5 cm in greatest transverse dimension	pT4	Tumour invades scrotum with or without vascular/lymphatic invasion
M	DISTANT METASTASIS	pN -	REGIONAL LYMPH NODES (cN or pN)
MX	Distant metastasis cannot be assessed		Regional Nodes: abdominal para-aortic (periaortic), preaortic, interaortocaval, precaval, paracaval, retrocaval, and retroaortic nodes. Nodes along the spermatic vein should be considered regional. Laterality does not affect the N classification. The intrapelvic nodes and the inguinal nodes are considered regional after scrotal or inguinal surgery.
M0	No distant metastasis	pN1	Metastasis with a lymph node mass 2 cm or less in greatest dimension and 5 or fewer positive lymph nodes, none more than 2 cm in greatest dimension
M1	Distant metastasis	pN2	Metastasis with a lymph node mass more than 2 cm but not more than 5 cm in greatest dimension, or more than 5 nodes positive, none more than 5 cm; or evidence of extranodal extension of tumour
M1a	Non-regional lymph node or pulmonary metastasis	pN3	Metastasis with a lymph node mass more than 5 cm in greatest dimension
M1b	Distant metastasis other than to non-regional lymph nodes and lungs	pM	DISTANT METASTASIS
			The pM category corresponds to the M category

S - SERUM TUMOUR MARKERS - (based on nadir value after orchiectomy)

SX	Serum marker studies not available or not performed			
S0	Serum marker study levels within normal limits			
	<u>LDH</u>		<u>hCG(mIU/ml)</u>	<u>AFG(ng/ml)</u>
S1	<1.5 x N*	and	<5,000	and <1,000
S2	1.5 - 10 x N*	and/or	5,000-50,000	and/or 1,000-10,000
S3	>10 x N*	or	>50,000	or >10,000
	*N = upper limit of normal for the LDH assay			

HISTOLOGIC SUBTYPES (partial list):

SEMINOMA	Seminoma, NOS; Anaplastic; Spermatocytic
NONSEMINOMA	Embryonal carcinoma; Endodermal sinus - yolk sac carcinoma Teratoma - mature; Teratocarcinoma (embryonal + teratoma) Malignant Teratoma - undiff., or intermediate Choriocarcinoma combined with teratoma; Malignant teratoma trophoblastic