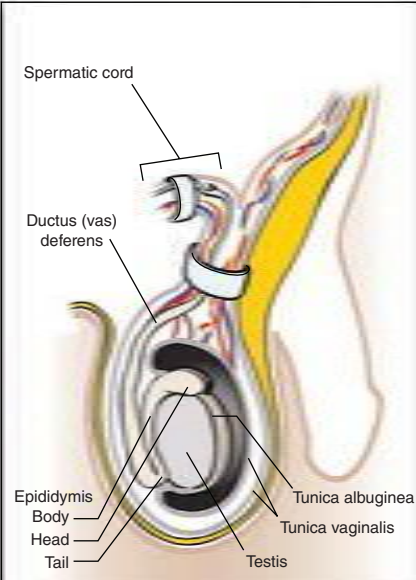
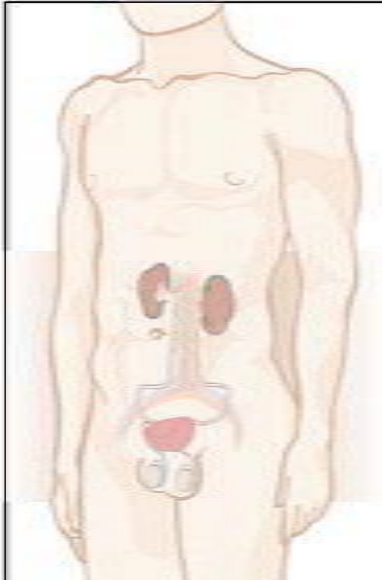


				Treatment Option	
Stage	Extent of Disease	Stage	Extent of Disease	Seminoma	Nonseminoma
	<p><b>pT1</b></p> <p>Tumor limited to the testis and epididymis without vascular/lymphatic invasion; tumor may invade into the tunica albuginea but not the tunica vaginalis</p>		<p><b>IA</b></p> <p>Testis only, no vascular/lymphatic invasion (T1)</p>	Observation Chemotherapy or RT	Observation
	<p><b>pT2</b></p> <p>Tumor limited to the testis and epididymis with vascular/lymphatic invasion; tumor extending through the tunica albuginea with involvement of the tunica vaginalis</p>		<p><b>IB</b></p> <p>Testis only, with vascular/lymphatic invasion (T2), or extension through tunica albuginea (T2), or involvement of spermatic cord (T3) or scrotum (T4)</p>	Observation Chemotherapy or RT	RPLND or Chemotherapy
	<p><b>pT3</b></p> <p>Tumor invades the spermatic cord with or without vascular/lymphatic invasion</p>		<p><b>IIA</b></p> <p>Retroperitoneal Nodes &lt; 2 cm</p>	RT	RPLND +/- adjuvant Chemotherapy or Chemotherapy, often followed by RPLND
	<p><b>pT4</b></p> <p>Tumor invades the scrotum with or without vascular/lymphatic invasion</p>		<p><b>IIB</b></p> <p>Retroperitoneal Nodes 2-5 cm</p>	RT or Chemotherapy	Chemotherapy, often followed by RPLND
		<p><b>IIC</b></p> <p>Retroperitoneal Nodes &gt; 5 cm</p>		Chemotherapy	Chemotherapy, often followed by RPLND
		<p><b>Distant Metastases</b></p>			
		<p><b>III</b></p> <p>Common sites include distant (or extra-abdominal) lymph nodes, lung, liver, bone, and brain</p>	Chemotherapy	Chemotherapy, often followed by surgery (biopsy or resection)	

**FIGURE 116-1** Germ cell tumor staging and treatment. RPLND, retroperitoneal lymph node dissection; RT, radiotherapy.