

# A guide to Neoplasia of the Testis - Orchidectomy Histopathology Reporting



Includes the  International Collaboration on Cancer reporting dataset denoted by \*

Pre-analytical details			Macroscopic findings (cont.)		
<b>S1.02</b>	<b>Clinical information provided on request form</b> (complete as narrative or use the structured format below)	Text	<b>S2.04</b>	<b>*Maximum tumour dimension (largest tumour)</b>	Can't be assess'd OR ___mm
	<b>CLINICAL INFORMATION</b>	Not provided OR complete the following	<b>S2.05</b>	<b>*Additional dimensions of the largest tumour</b>	___x___mm
	*Previous history of testicular cancer	Text	<b>G2.07</b>	*Dimensions of additional tumour nodules ( <i>length x width x thickness</i> <i>Repeat for each additional tumour nodule.</i> )	___x___x___mm
	*Previous therapy	Text	<b>G2.08</b>	Heterogeneity	Uniform Variegated
	*Other	Text		Colour	Text
	*Serum tumour markers	Provided Not provided		Consistency (select all that apply)	Firm Solid Cystic Gelatinous
	If provided, record "Serum tumour markers within normal limits" OR complete the following with the date of result		<b>G2.09</b>	Cysts	Absent Present
	*AFP	___ ug/L + date		Bone	Absent Present
	*LDH	___ IU/L+ date		Other areas of macroscopic difference?	Text
	*b-HCG	___ IU/L+ date	<b>G2.10</b>	Haemorrhage	Absent Present
	<b>*Operative procedure</b>	See p2		Necrosis	Absent Present
	<b>New primary lesion or recurrence</b>	New primary Recurr.-regional Recurr.-distant	<b>S2.06</b>	<b>*Macro. extent of tumour</b>	See p2
	If recurrence, describe	Text	<b>G2.11</b>	Appearance of uninvolved testis ( <i>choose all that apply</i> )	Normal Fibrosis Other nodules Other, <i>describe</i>
<b>S1.03</b>	<b>Pathology accession number</b>	Text	<b>S2.07</b>	<b>*Block identification key</b>	Text
<b>S1.04</b>	<b>Principal clinician</b>	Text	<b>G2.12</b>	Other macroscopic comment	Text
<b>G1.01</b>	Comments	Text			
Macroscopic findings			Microscopic findings		
<b>S2.01</b>	<b>Specimen labelled as</b>	Text	<b>S3.01</b>	<b>*Histologic tumour type</b>	Germ cell tumour Other, <i>specify</i>
<b>S2.02</b>	<b>*Operative procedure</b>	See p2		If germ cell tumour, record the specific types and %	
<b>G2.01</b>	Specimen dimensions ( <i>length x width x thickness</i> )	___x___x___mm		<b>Germ cell tumour type(s) &amp; %</b>	Text AND ___%
<b>G2.02</b>	Size of testis (without tunical sac) ( <i>length x width x thickness</i> )	___x___x___mm	<b>G3.01</b>	Scarring	Absent Present
<b>G2.03</b>	Length of spermatic cord	___mm		If present, is it	Partial Complete
<b>G2.04</b>	Abnormalities of spermatic cord	Absent Present, <i>specify</i>	<b>G3.02</b>	Syncytiotrophoblastic giant cells	Absent Present
<b>G2.05</b>	Abnormalities of the surface of tunica vaginalis or tunica albuginea	Absent Present, <i>specify</i>	<b>S3.02</b>	<b>Maximum tumour size</b>	___mm
<b>G2.06</b>	Intratunical fluid	Absent Present			
	If present, record:				
	Quantity	___mL			
	Nature	Text			
<b>S2.03</b>	<b>*Tumour focality</b>	Can't be assess'd Indeterminate Unifocal Multifocal			
	If multifocal record				
	<b>No. of tumour nodules</b>	___			

## Microscopic findings (cont.)

### S3.03 \*MICROSCOPIC EXTENT OF TUMOUR

*Rete testis of stromal/interstitial type	Not submitted Not involved Involved
*Hilar fat	Not submitted Not involved Involved
*Epididymis	Not submitted Not involved Involved
*Tunica vaginalis (either mesothelial layer of the tunica vaginalis)	Not submitted Not involved Involved
*Spermatic cord	Not submitted Not involved Involved
*Scrotal wall	Not submitted Not involved Involved

G3.03 *Tunica albuginea (white fibrous capsule around testicular parenchyma)	Not submitted Not involved Involved
--	---

S3.04 *Lymphovascular invasion	Not identified Present
If present, consider recording G3.04	

G3.04 *Type of lymphovascular invasion	Text
--	------

S3.05 *Germ cell neoplasia <i>in situ</i>	Not identified Present
If present consider reporting G3.05	

G3.05 Extent of GCNIS	Focal Widespread
-----------------------	---------------------

G3.06 *Other intratubular lesions	Not identified Present, <i>specify</i>
-----------------------------------	---

### S3.06 \*MARGIN STATUS

*Partial orchidectomy	Can't be assessed Involved Not involved
If not involved consider reporting G3.07	

*Radical orchidectomy (SC = spermatic cord)	Can't be assessed SC involved SC not involved OR Other margin involved, <i>specify</i>
---	--

G3.07 *Dist. of tumour from closest margin	___mm
--	-------

G3.08 GCNIS at margin	Absent Present
-----------------------	-------------------

S3.07 *Coexistent pathology	See adjacent
-----------------------------	--------------

G3.09 *Response to neoadjuvant therapy	See adjacent
--	--------------

G3.10 Other microscopic comment	Text
---------------------------------	------

## Ancillary test findings

G4.01 *Ancillary studies	Not performed P'formd, describe
--------------------------	------------------------------------

## Synthesis and overview

S5.01 *AJCC Tumour staging cat. (pT)	See adjacent
--------------------------------------	--------------

S5.02 Year & edn of staging system	Text
------------------------------------	------

## Synthesis and overview (cont.)

G5.01	Diagnostic summary.	Text
Include:		
a. Operative procedure		
b. Tumour type with different subtypes including percentages		
c. Tumour size		
d. Tumour extent		
e. Tumour stage		
f. Margin status		

S5.03	Overarching comments	Text
-------	----------------------	------

G5.02	Edition/version number of the RCPA protocol on which the report is based	Text
-------	--	------

## S1.02 & S2.02 Operative procedure

### Single selection value list:

- Not specified
- Orchidectomy, partial
  - o Right
  - o Left
  - o Not specified
- Orchidectomy, radical
  - o Right
  - o Left
  - o Not specified
- Other, *specify*

## S2.06 Macroscopic extent of invasion

Cannot be assessed OR

### Multi select value list (select all that apply):

- Confined to testis
- Invades hilar structures
- Invades epididymis
- Invades tunica vaginalis
- Invades scrotum
- Invades spermatic cord
- Other, *specify*

## S3.07 Coexistent pathology

None identified OR

### Multi select value list (select all that apply):

- Hemosiderin-laden macrophages
- Atrophy
- Other, *specify*

## G3.09 Response to neoadjuvant therapy

### Single selection value list:

- Response present
- Response absent
- No prior treatment
- Response cannot be assessed, *explain reasons*

## S5.01 AJCC pT##

### Suffixes

m - multiple primary tumours; r - recurrent; y - posttreatment

### Primary Tumour (pT)

TX	Primary tumour cannot be assessed
T0	No evidence of primary tumour
Tis	Germ cell neoplasia <i>in situ</i>
T1	Tumour limited to testis without lymphovascular invasion
T1a*	Tumour smaller than 3 cm in size
T1b*	Tumour 3 cm or larger in size
T2	Tumour limited to testis with lymphovascular invasion, or tumour invading hilar soft tissue or epididymis or penetrating visceral mesothelial layer covering the external surface of tunica albuginea with or without lymphovascular invasion
T3	Tumour invades spermatic cord with or without lymphovascular invasion
T4	Tumour invades scrotum with or without lymphovascular invasion

Notes: \*Subclassification of pT1 applies only to pure seminoma.

## with permission of American College of Surgeons.