

A guide to Carcinoma of the Penis Histopathology Reporting



Includes the  International Collaboration on Cancer reporting dataset denoted by *

Pre-analytical details

S1.02	Clinical information provided on request form (complete as narrative or use the structured format below)	Text
	*Clinical information	Text
	*Nature of operation	See p3
	Operative findings	Text
	New primary lesion or recurrence	New primary Recurr.–regional Recurr.–distant
	If recurrence, describe	Text
S1.03	Pathology accession number	Text
S1.04	Principal clinician	Text
G1.01	Comments	Text

Macroscopic findings

S2.01	Specimen labelled as	Text
S2.02	Operative procedure	See p3
S2.03	ANATOMICAL COMPONENTS SUBMITTED	
	Glans	Absent Present
	Shaft	Absent Present
	Foreskin	Absent Present
	Coronal sulcus	Absent Present
	Scrotal skin	Absent Present
	Testis	Absent Right present Left presenty
	Dimensions (of each submitted component)	__x__x__mm
G2.01	* Tumour focality	Can't be assess'd Indeterminate Unifocal Multifocal
	If multifocal record	
	No. of tumours in specimen	_____
S2.04	* Macroscopic tumour site	See p3
S2.05	* Macroscopic maximum tumour dimensions	Can't be assess'd Not applicable OR
	* Width	_____mm
	* Thickness	_____mm
G2.02	Tumour appearance (select all that apply)	Normal OR Nodule Endophytic Exophytic Polyp Papillary Verruciform Plaque Ulcer Pigment. macule
	If pigmented macule, describe	Text

Macroscopic findings (cont.)

G2.03	Macroscopic depth of invasion	_____mm
G2.04	Macroscopic distance of tumour from closest margin	_____mm AND Text (margin)
G2.05	Appearance of the glans penis	Normal OR Text
G2.06	Lymph nodes	Submitted Not submitted
	If submitted record, site(s) and number of lymph nodes.(Repeat for each site received)	Text (site) AND _____
G2.07	Macroscopic nodal metastases or mass	Absent Present
	If present, record the maximum size	_____mm
S2.06	* Block identification key	Text
G2.08	Additional macro. comment	Text

Microscopic findings

S3.01	* Histologic tumour type	See p3
S3.02	* Histological grade	See p3
S3.03	* Microscopic maximum tumour dimensions	Can't be assess'd Not applicable OR
	* Width	_____mm
	* Thickness	_____mm
S3.04	* Extent of invasion	See p3
S3.05	* Lymphovascular invasion	Not identified Present Indeterminate
S3.06	* Perineural invasion	Not identified Present Indeterminate
G3.01	* Associated penile intraepithelial neoplasia (PeIN)	Not identified Present Indeterminate
	If present record if (undifferentiated = warty and/or basaloid)	Differentiated OR Undifferentiated
S3.07	* MARGIN STATUS	
	* Urethral margin (primary tumours of the penis and foreskin (resections and excision biopsy only))	Not applicable Can't be assess'd Involv. PeIN only Involv. invas. ca Not involved
	If not involved record	_____mm OR
	* dist. to inv. tumour	>5 mm
	* Proximal urethral margin (primary tumours of the urethra only)	Not applicable Can't be assess'd Involv. PeIN only Involv. invas. ca Not involved
	If not involved record	_____mm OR
	* dist. to inv. tumour	>5 mm

Microscopic findings (cont.)	
* Peri-urethral tissues	Not applicable Can't be assess'd Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Corpus cavernosum	Not applicable Can't be assess'd Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Circumferential shaft margin	Not applicable Can't be assess'd Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Peripheral cutaneous margin	Not applicable Can't be assess'd Involv. PeIN only Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Peripheral glans margin	Not applicable Can't be assess'd Involv. PeIN only Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Deep soft tissue margins (NOS)	Not applicable Can't be assess'd Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm
* Other margin	Text (margin) AND Not applicable Can't be assess'd Involv. PeIN only Involv. invas. ca Not involved
If not involved record * dist. to invasive tumour	___mm OR >5 mm

S3.08 * LYMPH NODE STATUS	
* <u>INGUINAL-SENTINEL-RIGHT</u>	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
* No. of LN examined	___
* No. of positive LN	Can't be determined OR ___
* Maximum dimension of largest deposit	___mm
* Extracapsular spread	Not identified Present

Microscopic findings (cont.)	
* <u>INGUINAL-SENTINEL-LEFT</u>	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
* No. of LN examined	___
* No. of positive LN	Can't be determined OR ___
* Max. dimension of largest deposit	___mm
* Extracapsular spread	Not identified Present
* <u>INGUINAL-NON SENTINEL-RIGHT</u>	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
* No. of LN examined	___
* No. of positive LN	Can't be determined OR ___
* Max. dimension of largest deposit	___mm
* Extracapsular spread	Not identified Present
* <u>INGUINAL-NON SENTINEL-LEFT</u>	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
* No. of LN examined	___
* No. of positive LN	Can't be determined OR ___
* Max. dimension of largest deposit	___mm
* Extracapsular spread	Not identified Present
* <u>PELVIC - RIGHT</u>	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
* No. of LN examined	___
* No. of positive LN	Can't be determined OR ___
* Max. dimension of largest deposit	___mm
* Extracapsular spread	Not identified Present

Microscopic findings (cont.)

*PELVIC - LEFT	Not submitted OR Not involved Isol. tum. cells only Involved
If involved record:	
*No. of LN examined	_____
*No. of positive LN	Can't be determined OR _____
*Max. dimension of largest deposit	_____mm
*Extracapsular spread	Not identified Present
*OTHER NODES	Not submitted OR Text (<i>site & laterality</i>) AND Not involved Isol. tum. cells only Involved
If involved record:	
*No. of LN examined	_____
*No. of positive LN	Can't be determined OR _____
*Max. dimension of largest deposit	_____mm
*Extracapsular spread	Not identified Present
G3.02 Additional microscopic comment	Text

Ancillary test findings

G4.01 Ancillary studies	Not performed P'formd, describe
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Synthesis and overview

S5.01 *Pathological staging (AJCC 8th edition)	See adjacent
S5.02 Year & edn of staging system	Text
G5.01 Diagnostic summary (<i>Include: Op. procedure; Tumour site/type/grade/ max. dimension/stage; Margin status; LN status</i>)	Text
S5.03 Overarching comment	Text
G5.02 Ed./version number of RCPA protocol on which report is based	Text

S3.02 Histological grade

Single selection value list:

- Not applicable
- G1: Well differentiated
- G2: Moderately differentiated
- G3: Poorly differentiated
- Sarcomatoid areas present

S3.01 Histological tumour type

Multi selection value list (select all that apply):

- Squamous cell carcinoma of usual subtype (NOS)
- Basaloid squamous cell carcinoma
- Warty (condylomatous) squamous cell carcinoma
- Verrucous squamous cell carcinoma
- Papillary squamous cell carcinoma
- Mixed squamous cell carcinomas, *specify subtypes*
- Other, *specify**

Notes:

*refer to extended list in WHO Classification 2016

S1.02 & S2.02 Operative procedure

Multi select value list (select all that apply):

- Partial penectomy
- Radical penectomy
- Glandectomy
- Circumcision
- Incisional/punch biopsy
- Excisional biopsy
- Urethrectomy
- Lymphadenectomy
 - o Sentinel
 - Left, *specify number of site(s)*
 - Right, *specify number of site(s)*
 - o Inguinal
 - Left
 - Right
 - o Pelvic
 - Left, *specify site(s)*
 - Right, *specify site(s)*
 - o Other, *specify*
 - Left, *specify site(s)*
 - Right, *specify site(s)*
 - o Not specified
- Other, *specify laterality and site(s)*

S2.04 Macroscopic tumour site

- No macroscopically visible tumour
- Indeterminate

OR

Multi select value list (select all that apply):

- Glans penis
- Sulcus
- Foreskin
- Distal penile urethra

S3.04 Extent of invasion

(Primary tumours of the penis and foreskin)

Multi selection value list (select all that apply):

- Subepithelial/lamina propria invasion
- Invasion of corpus spongiosum of glans
- Invasion of corpus cavernosum
- Invasion of the penile urethra
- Invasion of adjacent structures, *specify*

S5.01 AJCC 8TH Edition##

Primary tumour (pT)

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- Tis Carcinoma in situ (Penile Intraepithelial Neoplasia [PeIN])
- Ta Non invasive localised squamous cell carcinoma*
- T1 Tumour invades subepithelial connective tissue, dermis or lamina propria**
- T1a Tumour is without lymphovascular invasion or perineural invasion and is not high grade
- T1b Tumour exhibits lymphovascular invasion and/or perineural invasion or is high grade
- T2 Tumour invades into corpus spongiosum with or without urethral invasion
- T3 Tumour invades into corpora cavernosum with or without urethral invasion
- T4 Tumour invades other adjacent structures

* The authors do not recommend the use of the pTa category as it is not evidence based.

Regional lymph nodes (pN)

- NX Lymph node metastasis cannot be established
- N0 No lymph node metastasis
- N1 ≤2 unilateral inguinal metastases, no ENE
- N2 ≥3 unilateral inguinal metastases or bilateral metastases
- N3 Extranodal extension of lymph node

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