

A guide to Carcinoma of the Urethra (Urethrectomy) 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		
	*Previous history of urinary tract disease or distant metastasis	See p3
	*Previous therapy	See p3
	*Other clinical information	Text
	Clinical extent of disease	Text
	Operative procedure	See p3
	Additional specimen(s) submitted	Not submitted Submitted, <i>specify</i>
S1.03	Pathology accession number	Text
S1.04	Principal clinician	Text
G1.01	Other clinical information received	Text
Macroscopic findings		
S2.01	Specimen labelled as	Text
S2.02	* Operative procedure	See p3
S2.03	* Additional specimen(s) submitted	Not submitted Submitted, <i>specify</i>
S2.04	Specimen measurements (Superior to inferior x transverse x anterior to posterior)	__x__x__mm
	Measurements of other organs (Record for each other organ submitted)	Specify organ AND __x__x__mm
S2.05	* Tumour focality	Unifocal Multifocal Can't be asses'd
	If Cannot be assessed, specify why	Text
	If multifocal, consider recording G2.01	
G2.01	Number of tumours	___
S2.06	* Macroscopic tumour site	Indeterminate No visible tumour OR <u>Multi-select:</u> MALE Penile Bulbomembranous Prostatic Diverticula Other, <i>specify</i> FEMALE Anterior Posterior Diverticula Other, <i>specify</i>

Macroscopic findings (cont.)		
S2.07	* TUMOUR DIMENSIONS	No macro visible tumour OR Can't be assess'd OR Complete the following... __mm
	Maximum tumour dimension (largest tumour)	__mm
G2.02	* Additional dimensions (largest tumour)	__x__mm
G2.03	Gross appearance of tumour(s) (<i>record for each tumour identified</i>)	<u>Multi-select:</u> Polypoid Fungating Papillary Ulcerated Solid & indurated
S2.08	* Macro extent of invasion	See p3
S2.09	Macroscopic evidence of margin involvement	Absent Present
	If present, record the margins involved	<u>Multi-select:</u> Distal Proximal Deep soft tissue Other, <i>specify</i>
G2.04	Appearance of uninvolved tissue	Normal OR <u>Multi-select:</u> Ulcerated Erythematous Other, <i>specify</i>
S2.10	Lymph nodes	Submitted Not submitted
	If submitted, record Site(s) and number of nodes	Text & ___
S2.11	* Block identification key	Text
G2.05	Other macroscopic comment	Text

Microscopic findings		
S3.01	* Histological tumour type	See p3
	If urothelial carcinoma record Histological sub-type/variant	
	* Histological sub-type(s)/variant(s)	Not identified Present
	If present, record sub-type/variant & estimated % for each variant	Squamous Glandular Nested Micropapillary Plasmacytoid Sarcomatoid Other, <i>specify</i> & ___% of each

Microscopic findings (cont.)		Microscopic findings (cont.)	
S3.02	* Non-invasive carcinoma	Not identified Indeterminate OR <u>Multi-select:</u> Carcinoma <i>in situ</i> , flat Papillary ca, non-invasive Other, <i>specify</i>	No reg nodes submitted Not involved Involved
	If Carcinoma <i>in situ</i> , flat record if ...	Multifocal Focal	
G3.01	* Associated epithelial lesions	Not identified Present, <i>specify</i>	
S3.03	* Histological grade	Not applicable Cannot be determined	
	Urothelial carcinoma	Low-grade High-grade Other, <i>specify</i>	
	Squamous cell carcinoma or adenocarcinoma	GX: Can't be assessed G1: Well differentiated G2: Moderately differ'd G3: Poorly different'd Other, <i>specify</i>	
S3.04	* Micro. extent of invasion	See p3	
S3.05	Microscopic tumour site(s)	<u>Text</u>	
G3.02	Microscopic tumour size (max. dimension of the largest tumour)	___mm	
S3.06	* Lymphovascular invasion	Not identified Present Indeterminate	
S3.07	* Margin status	Cannot be assessed Not involved Involved	
	If involved, record involved margins	<u>Multi-select:</u> Invasive carcinoma • Distal • Proximal • Deep soft tissue • Other, <i>specify</i> Carcinoma <i>in situ</i>/ non-invasive high-grade urothelial carcinoma • Distal mucosal • Proximal mucosa • Other, <i>specify</i>	
S3.08	* Regional lymph node status		
		If involved, record following elements and consider recording G3.03 If not involved, record the number of lymph nodes examined	
		Number of lymph nodes examined	___
		Number of positive lymph nodes	___ OR Number cannot be determined
		Size of largest metastasis	___mm
		Location(s) of involved lymph nodes	Text
G3.03	* Extranodal spread		Not identified Present
S3.09	* Histologically confirmed distant metastases		Not identified Indeterminate Present, <i>specify</i>
G3.04	* Coexistent pathology		None identified Present, <i>specify</i>
G3.05	Other microscopic comment		Text
Ancillary test findings			
G4.01	Ancillary studies		Not performed P'formd, describe
Synthesis and overview			
S5.01	* PATHOLOGICAL STAGING (AJCC TNM 8th EDITION)		See p3
S5.02	Year and edition of staging system		Text
G5.01	Diagnostic summary		Text
		Include: Operative procedure and any additional specimens, Tumour type with different subtypes specified, Tumour grade, Tumour extent (Level of invasion), Tumour site, Lymphovascular invasion, Surgical margin status (completeness of excision), Lymph node involvement, Tumour stage, Presence of non-invasive carcinoma	
S5.03	Overarching comment		Text
G5.02	Edition/version number of the RCPA protocol on which the report is based		Text

S1.02 Previous history of urinary tract disease or distant metastasis

- Information not provided
- No previous history

OR

Select all that apply:

- Non-invasive papillary
- Carcinoma *in situ*, flat
- Invasion into lamina propria
- Muscle invasive disease
- Distant metastasis
- Other, *specify*

S1.02 Previous therapy

- Information not provided
- No previous therapy

OR

Select all that apply:

- Bacillus Calmette-Guerin (BCG)
- Chemotherapy, intravesical, *specify*
- Chemotherapy, systemic
- Radiation therapy
- Other, *specify*

S1.02 & S2.02 Operative procedure

Single selection value list:

- Not specified
- Urethrectomy, partial
- Urethrectomy, complete
- Urethrectomy with cystectomy
- Urethrectomy with cystoprostatectomy
- Urethrectomy with penectomy
- Other, *specify*

S2.08 Macro. extent of invasion

- No macroscopically visible tumour
- Non-invasive tumour visible
- Cannot be assessed

OR

Select all that apply:

- Invasion into muscular wall
- Invasion into corpus spongiosum
- Invasion into corpus cavernosum
- Invasion into anterior vaginal wall
- Invasion into prostatic tissue
- Invasion into periprostatic tissue
- Involvement of other adjacent organs, *specify*

S3.04 Microscopic extent of invasion

Single selection value list:

- Cannot be assessed
- No evidence of primary tumour
- Primary tumour (male and female) (excluding urothelial carcinoma of prostate)
 - o Non-invasive papillary
 - o Carcinoma *in situ*
 - o Tumour invades subepithelial connective tissue
 - o Tumour involves adjacent structuresSelect all that apply:
 - Prostatic stroma
 - Corpus spongiosum
 - Periurethral muscle
 - Corpora cavernosa
 - Other, *specify*
- Urothelial carcinoma of the prostate
 - o Carcinoma *in situ*, involvement of the prostatic urethra
 - o Carcinoma *in situ*, involvement of the prostatic ducts
 - o Tumour invades urethral subepithelial connective tissue
 - o Tumour invades prostatic stroma
 - o Extraprostatic extension
 - o Tumour involves adjacent structuresSelect all that apply:
 - Corpus spongiosum
 - Periurethral muscle
 - Corpora cavernosa
 - Other, *specify*

S3.01 Histological tumour type

Single selection value list:

- Urothelial carcinoma
- Squamous cell carcinoma
- Adenocarcinoma
- Tumours of Müllerian type
 - o Clear cell carcinoma
 - o Endometrioid carcinoma
- Neuroendocrine tumour
 - o Small cell neuroendocrine carcinoma
 - o Large cell neuroendocrine carcinoma
- Other, *specify*

S5.01 PATHOLOGICAL STAGING (AJCC TNM 8TH EDITION)^{##}

- m (multiple primary tumours)
- r (recurrent)
- y (posttreatment)

Primary tumour (pT)

Male penile urethra and female urethra

- TX Primary tumour cannot be assessed
- T0 No evidence of primary tumour
- Ta Non-invasive papillary carcinoma
- Tis Carcinoma *in situ*
- T1 Tumour invades subepithelial connective tissue
- T2 Tumour invades any of the following: corpus spongiosum, periurethral muscle
- T3 Tumour invades any of the following: corpus cavernosum, anterior vagina
- T4 Tumour invades adjacent organs (e.g. invasion of the bladder wall)

Prostatic urethra

- Tis Carcinoma *in situ* involving the prostatic urethra or periurethral or prostatic ducts without stromal invasion
- T1 Tumour invades urethral subepithelial connective tissue immediately underlying the urothelium
- T2 Tumour invades the prostatic stroma surrounding ducts either by direct extension from the urothelial surface or by invasion from prostatic ducts
- T3 Tumour invades the periprostatic fat
- T4 Tumour invades other adjacent organs (e.g. extraprostatic invasion of the bladder wall, rectal wall)

Regional lymph nodes (pN)

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Single regional lymph node metastasis in the inguinal region or true pelvis [perivesical, obturator, internal (hypogastric) and external iliac], or presacral lymph node
- N2 Multiple regional lymph node metastasis in the inguinal region or true pelvis [perivesical, obturator, internal (hypogastric) and external iliac], or presacral lymph node

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