

A guide to Carcinoma of the Urinary Bladder (radical & partial cystectomy, diverticulectomy, cystoprostatectomy) 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	See p3
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	See p3
S2.04	Bladder measurements (Superior to inferior x transverse x anterior to posterior)	__x__mm
	Length of ureters	Right: __mm Left: __mm
	Length of urethra	__mm
	Measurements of other organs (Record for each other organ submitted)	Specify organ AND __x__mm
G2.01	*Tumour focality	Unifocal Multifocal Can't be asses'd
	If Cannot be assessed, specify why	Text
	If multifocal, consider recording G2.02	
G2.02	Number of tumours	__
G2.03	*Macroscopic tumour site	Indeterminate No visible tumour OR <u>Multi-select:</u> Trigone Right lateral wall Left lateral wall Anterior wall Posterior wall Dome Other, <i>specify</i>

Macroscopic findings (cont.)

S2.05	*TUMOUR DIMENSIONS	No macro visible tumour OR Can't be assess'd OR Complete the following... __mm
	Maximum tumour dimension (largest tumour)	__mm
G2.04	*Additional dimensions (largest tumour)	__x__mm
G2.05	Gross appearance of tumour(s) (record for each tumour identified)	<u>Multi-select:</u> Polypoid Fungating Papillary Ulcerated Solid & indurated
S2.06	*Macro extent of invasion	See p3
S2.07	Macroscopic evidence of margin involvement	Absent Present
	If present, record the margins involved	<u>Multi-select:</u> Perivesical fat Peritoneal surface Ureteric Urethral
G2.06	Appearance of uninvolved bladder	Normal OR <u>Multi-select:</u> Ulcerated Erythematous Other, <i>specify</i>
S2.08	Lymph nodes	Submitted Not submitted
	If submitted, record Site(s) and number of nodes	Text & __
S2.09	*Block identification key	Text
G2.07	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 Carcinoma <i>in situ</i> , flat Papillary ca, non-invasive Other, <i>specify</i>	
	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	* Microscopic extent of invasion	See p3	
	If prostatic stroma record mechanism of invasion		
	Mechanism of prostatic stromal invasion	Direct OR Extension from prostatic ducts	
S3.05	Microscopic tumour site(s)	<u>Multi-select:</u> Trigone Right lateral wall Left lateral wall Anterior wall Posterior wall Dome Other, <i>specify</i>	
G3.02	Microscopic tumour size (max. dimension of the largest tumour)	___mm	
G3.03	* Response to pre-operative therapy	Complete resp. (ypT0) Incomplete response No response No prior treatment OR Response cannot be assessed, <i>explain</i>	
S3.06	* Lymphovascular invasion	Not identified Present Indeterminate	
S3.07	* Margin status	Cannot be assessed Not involved Involved	
	If involved, record whichever applies:		
	Macroscopic, specify	Text	
	MICROSCOPIC -Invasive ca.	Urethral Ureteral, <i>specify side</i> Soft tissue Other, <i>specify</i>	
	-Carcinoma in situ/ non-invasive high- grade urothelial carcinoma	Urethral Ureteral, <i>specify side</i> Other, <i>specify</i>	
S3.08	* Regional lymph node status	No regional nodes submitted Not involved Involved	
	If involved, record the following elements and consider recording G3.04		
	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	
G3.04	* Extranodal spread	Not identified Present	
S3.09	* Histologically confirmed distant metastases	Not identified Indeterminate Present, <i>specify</i>	
G3.05	* Coexistent pathology	See p3	
G3.06	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), Microscopic 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:

- Transurethral resection (TURBT)
- 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
- Cystectomy, partial
- Cystectomy, simple
- Cystectomy, radical (female)
- Cystoprostatectomy (male)
- Diverticulectomy
- Anterior exenteration (female)
- Urethrectomy
- Lymphadenectomy
- Other, *specify*

S1.02 & S2.03 Add'l spec. submitted

Not submitted

OR

Select all that apply:

- Prostate gland
- Seminal vesicles
- Penile urethra
- Uterus
- Fallopian tubes: Left/ Right / Laterality not specified
- Ovaries: Left/ Right / Laterality not specified
- Vaginal cuff
- Ureter: Left/ Right / Laterality not specified
- Other, *specify*

S2.06 Macro. extent of invasion

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

OR

Select all that apply:

- Invasion into bladder wall
- Invasion into perivesical tissue
- Involvement of peritoneal surface
- Involvement of adjacent structures, *specify*

G3.05 Coexistent pathology

None identified

OR

Select all that apply:

- Adenocarcinoma of prostate
- Urothelial carcinoma involving urethra, prostatic ducts and acini with or without stromal invasion
- Inflammation/regenerative changes
- Therapy-related changes
- Cystitis cystica et glandularis
- Keratinizing squamous metaplasia
- Intestinal metaplasia
- Other, *specify*

S3.01 Histological tumour type

Single selection value list:

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

S3.04 Microscopic extent of invasion

- Cannot be assessed
- No evidence of primary tumour

OR

Select all that apply:

- Non-invasive tumour present
- Tumour invades lamina propria
- Tumour invades muscularis propria
 - Tumour invades superficial muscularis propria (inner half)
 - Tumour invades deep muscularis propria (outer half)
- Tumour invades perivesical tissue
 - Microscopically
 - Macroscopically (extravesical mass)
- Tumour involves adjacent structures
 - Prostatic stroma
 - Prostate (intraductal extension)
 - Seminal vesicles
 - Uterus
 - Vagina
 - Adnexae
 - Pelvis wall
 - Abdominal wall
 - Rectum
 - Other, *specify*

S5.01 PATHOLOGICAL STAGING (AJCC 8TH EDITION)**

m (multiple primary tumours); r (recurrent); y (post therapy)

Primary tumour (pT)

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

Ta Non-invasive papillary carcinoma

Tis Urothelial carcinoma in situ: "flat tumour"

T1 Tumour invades lamina propria (subepithelial connective tissue)

T2 Tumour invades muscularis propria

T2a Tumour invades superficial muscularis propria (inner half)

T2b Tumour invades deep muscularis propria (outer half)

T3 Tumour invades perivesical soft tissue

T3a Tumour invades perivesical soft tissue microscopically

T3b Tumour invades perivesical soft tissue macroscopically (extravesical mass)

T4 Extravesical tumour directly invades any of the following: prostatic stroma, seminal vesicles, uterus, vagina, pelvic wall, abdominal wall

T4a Extravesical tumour invades directly into prostatic stroma, uterus, vagina

T4b Extravesical tumour invades pelvic wall, abdominal wall

Regional lymph nodes (pN)

NX Lymph nodes cannot be assessed

N0 No lymph node metastasis

N1 Single regional lymph node metastasis in the true pelvis (perivesical, obturator, internal and external iliac, or sacral lymph node)

N2 Multiple regional lymph node metastasis in the true pelvis (perivesical, obturator, internal and external iliac, or sacral lymph node metastasis)

N3 Lymph node metastasis to the common iliac lymph nodes

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