

Carcinoma of the Bladder Histopathology Reporting Guide

Cystectomy, Cystoprostatectomy and Diverticulectomy Specimen



Family/Last name

Date of birth

Given name(s)

Patient identifiers

Date of request

Accession/Laboratory number

Elements in **black text** are REQUIRED. Elements in **grey text** are RECOMMENDED.

[SCOPE OF THIS DATASET](#)

CLINICAL INFORMATION

Previous history of urinary tract disease or distant metastasis (select all that apply)

- Information not provided
- Non-invasive papillary
- Invasion into lamina propria
- Other, *specify*
- No previous history
- Carcinoma in situ, flat
- Muscle invasive disease
- Distant metastasis

Previous therapy (select all that apply)

- Information not provided
- No previous therapy
- Transurethral resection (TURBT)
- Bacillus Calmette-Guerin (BCG)
- Chemotherapy, intravesical, *specify*

Chemotherapy, systemic

Radiation therapy

Other, *specify* →

Other clinical information, *specify*

OPERATIVE PROCEDURE

- Not specified
- Cystectomy, partial
- Cystectomy, simple
- Cystectomy, radical (female)
- Cystoprostatectomy (male)
- Diverticulectomy
- Anterior extenteration (female)
- Urethrectomy
- Lymphadenectomy
- Other, *specify*

ADDITIONAL SPECIMENS SUBMITTED (select all that apply)

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

TUMOUR FOCALITY

- Unifocal
- Multifocal
- Cannot be assessed, *specify*

MAXIMUM TUMOUR DIMENSION

- Cannot be assessed
- No macroscopically visible tumour

Maximum tumour dimension (largest tumour)

Additional dimensions (largest tumour)

X

MACROSCOPIC TUMOUR SITE (select all that apply)

- Indeterminate
- No macroscopically visible tumour
- Trigone
- Right lateral wall
- Left lateral wall
- Anterior wall
- Posterior wall
- Dome
- Other, *specify*

MACROSCOPIC EXTENT OF INVASION (select all that apply)

- Cannot be assessed
- No macroscopically visible tumour
- Non-invasive tumour visible
- Invasion into bladder wall
- Invasion into perivesical tissue
- Involvement of peritoneal surface
- Involvement of other adjacent structures, *specify*

BLOCK IDENTIFICATION KEY

(List overleaf or separately with an indication of the nature and origin of all tissue blocks)

HISTOLOGICAL TUMOUR TYPE

(Value list from the WHO Classification of Tumours of the Urinary System and Male Genital Organs (2016))

- 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*

Histological sub-type/variant (urothelial carcinoma)

- Not identified
- Present, *specify sub-type/variant and percentage*
(select all that apply)

<input type="checkbox"/> Squamous ⇒ <input style="width: 40px;" type="text"/> %	<input type="checkbox"/> Micropapillary ⇒ <input style="width: 40px;" type="text"/> %
<input type="checkbox"/> Glandular ⇒ <input style="width: 40px;" type="text"/> %	<input type="checkbox"/> Plasmacytoid ⇒ <input style="width: 40px;" type="text"/> %
<input type="checkbox"/> Nested ⇒ <input style="width: 40px;" type="text"/> %	<input type="checkbox"/> Sarcomatoid ⇒ <input style="width: 40px;" type="text"/> %
<input type="checkbox"/> Other, <i>specify</i> <input style="width: 150px;" type="text"/>	⇒ <input style="width: 40px;" type="text"/> %

NON-INVASIVE CARCINOMA (select all that apply)

- Not identified
- Indeterminate
- Carcinoma in situ, flat
 - Focal
 - Multifocal
- Papillary carcinoma, non-invasive
- Other, *specify*

ASSOCIATED EPITHELIAL LESIONS

- Present, *specify*
- Not identified

HISTOLOGICAL TUMOUR GRADE

- Not applicable
- Cannot be determined

Urothelial carcinoma

- Low-grade
- High-grade
- Other, *specify*

Squamous cell carcinoma or adenocarcinoma

- GX: Cannot be assessed
- G1: Well differentiated
- G2: Moderately differentiated
- G3: Poorly differentiated
- Other, *specify*

MICROSCOPIC EXTENT OF INVASION (select all that apply)

- Cannot be assessed
- No evidence of primary tumour
- 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
 - Seminal vesicles
 - Uterus
 - Vagina
 - Adnexae
 - Pelvis wall
 - Abdominal wall
 - Rectum
 - Other, *specify*

RESPONSE TO PRE-OPERATIVE THERAPY

- Complete response (ypT0)
- Incomplete response
- No response
- No prior treatment
- Cannot be assessed, *explain reasons*

LYMPHOVASCULAR INVASION

- Not identified
- Present
- Indeterminate

MARGIN STATUS

- Cannot be assessed
- Not involved
- Involved

 Macroscopic, *specify* Microscopic Invasive carcinoma (select all that apply)

- Urethral
- Ureteral, *specify side*

- Soft tissue
- Other, *specify*

 Carcinoma in situ/non-invasive high-grade urothelial carcinoma (select all that apply)

- Urethral
- Ureteral, *specify side*

- Other, *specify*

REGIONAL LYMPH NODE STATUS 

No regional nodes submitted

Not involved
 Number of lymph nodes examined

Involved
 Number of lymph nodes examined

Number of positive lymph nodes

Number cannot be determined

Extranodal spread
 Present Not identified

Size of largest metastasis mm

Location of involved lymph nodes, *specify*

COEXISTENT PATHOLOGY (select all that apply) 

None identified

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*

ANCILLARY STUDIES 

Not performed

Performed, *specify*

HISTOLOGICALLY CONFIRMED DISTANT METASTASES 

Not identified

Indeterminate

Present, *specify site(s)*

PATHOLOGICAL STAGING (AJCC TNM 8th edition)** **TNM Descriptors** (only if applicable) (select all that apply)

m - multiple primary tumours

r - recurrent

y - post-therapy

Primary tumour (pT)

TX Primary tumour cannot be assessed

T0 No evidence of primary tumour

T_a Non-invasive papillary carcinoma

T_{is} Urothelial carcinoma in situ: "flat tumour"

T1 Tumour invades lamina propria (subepithelial connective tissue)

 T2 Tumour invades muscularis propria

T2_a Tumour invades superficial muscularis propria (inner half)

T2_b Tumour invades deep muscularis propria (outer half)

 T3 Tumour invades perivesical soft tissue

T3_a Tumour invades perivesical soft tissue microscopically

T3_b 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

T4_a Extravesical tumour invades directly into prostatic stroma, uterus, vagina

T4_b 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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