

Carcinoma of the Urinary Bladder Histopathology Reporting Proforma



(Radical & Partial Cystectomy, Cystoprostatectomy)

Includes the  International Collaboration on Cancer reporting dataset denoted by *

Family name

Given name(s)

Date of birth

Patient identifiers

e.g. MRN, IHI or NHI (please indicate which)

Date of request

S1.03 Accession number

Requesting doctor - name and contact details

*CLINICAL INFORMATION

Previous history of urinary tract disease or distant metastasis

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

Previous therapy

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

Other, *specify*

Other clinical information

CLINICAL EXTENT OF DISEASE

OPERATIVE PROCEDURE

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

ADDITIONAL SPECIMEN(S) SUBMITTED

- Prostate gland Not submitted
- 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*

PRINCIPAL CLINICIAN

OTHER CLINICAL INFORMATION RECEIVED

Macroscopic findings

S2.01 SPECIMEN LABELLED AS

S2.02 *OPERATIVE PROCEDURE

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

S2.03 *ADDITIONAL SPECIMEN(S) SUBMITTED

- Not submitted
 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*

S2.04 BLADDER MEASUREMENTS

(Superior to inferior x transverse x anterior to posterior)

 length mm x width mm x thickness mm

LENGTH OF URETERS

Left mm Right mm

LENGTH OF URETHRA

 mm

MEASUREMENTS OF OTHER ORGANS

Organ 1:

 length mm x width mm x thickness mm

Organ 2:

 length mm x width mm x thickness mm

Organ 3:

 length mm x width mm x thickness mm

G2.01 *TUMOUR FOCALITY

- Cannot be assessed, *specify*

- Unifocal
 Multifocal



G2.02 NUMBER OF TUMOURS

G2.03 *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*

S2.05 *TUMOUR DIMENSIONS

- Cannot be assessed
 No macroscopically visible tumour

Maximum tumour dimension
(largest tumour)

 mm

G2.04 *Additional dimensions (largest tumour)

 mm x mm

G2.05 GROSS APPEARANCE OF TUMOUR(S)
(Record for each tumour) (select all that apply)

- Tumour 1: Polypoid
 Fungating
 Papillary
 Ulcerated
 Solid and indurated

- Tumour 2: Polypoid
 Fungating
 Papillary
 Ulcerated
 Solid and indurated

- Tumour 3: Polypoid
 Fungating
 Papillary
 Ulcerated
 Solid and indurated

S2.06 *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

S2.07 MACROSCOPIC EVIDENCE OF MARGIN INVOLVEMENT

- Absent
 Present

MARGIN INVOLVED (select all that apply)

- Perivesical fat margin
 Peritoneal surface
 Ureteric
 Urethral

G2.06 APPEARANCE OF UNINVOLVED BLADDER

- Normal
 OR

(select all that apply)

- Ulcerated
 Erythematous
 Other, specify

S2.08 LYMPH NODES

- Not submitted
 Submitted

Site(s) and

No. of nodes

<input type="text"/>	⇒	<input type="text"/>
<input type="text"/>	⇒	<input type="text"/>
<input type="text"/>	⇒	<input type="text"/>
<input type="text"/>	⇒	<input type="text"/>

S2.09 *BLOCK IDENTIFICATION KEY

G2.07 OTHER MACROSCOPIC COMMENTS

Microscopic findings

S3.01 *HISTOLOGICAL TUMOUR TYPE

- 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*

<input type="checkbox"/> Squamous	⇒	<input type="text"/>	%
<input type="checkbox"/> Glandular	⇒	<input type="text"/>	%
<input type="checkbox"/> Nested	⇒	<input type="text"/>	%
<input type="checkbox"/> Micropapillary	⇒	<input type="text"/>	%
<input type="checkbox"/> Plasmacytoid	⇒	<input type="text"/>	%
<input type="checkbox"/> Sarcomatoid	⇒	<input type="text"/>	%
<input checked="" type="checkbox"/> Other, <i>specify</i>		<input type="text"/>	
	⇒	<input type="text"/>	%

S3.02 *NON-INVASIVE CARCINOMA

(select all that apply)

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

G3.01 *ASSOCIATED EPITHELIAL LESIONS

- Not identified
 - Present, *specify*
-

S3.03 *HISTOLOGICAL GRADE

- Not applicable
- Cannot be determined

Urothelial carcinoma

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

Squamous cell ca. or adenocarcinoma

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

S3.04 *MICROSCOPIC EXTENT OF INVASION

- 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
 - Prostate (intraductal extension)
 - Seminal vesicles
 - Uterus
 - Vagina
 - Adnexae
 - Pelvis wall
 - Abdominal wall
 - Rectum
 - Other, *specify*

Mechanism of prostatic stromal invasion

- Direct
- Extension from prostatic ducts

S3.05 MICROSCOPIC TUMOUR SITE(S)

(select all that apply)

- Trigone
- Right lateral wall
- Left lateral wall
- Anterior wall
- Posterior wall
- Dome
- Other, *specify*

G3.02 MICROSCOPIC TUMOUR SIZE (maximum dimension of the largest tumour)

 mm

G3.03 *RESPONSE TO PRE-OPERATIVE THERAPY

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

S3.06 *LYMPHOVASCULAR INVASION

- Not identified
- Present
- Indeterminate

S3.07 *MARGIN STATUS

- Cannot be assessed
- Not involved
- Involved

Macroscopic, *specify*

Microscopic

Invasive carcinoma

- Urethral
 - Ureteral, *specify side*

- Soft tissue
- Other, *specify*

Carcinoma in situ/non-invasive high-grade urothelial carcinoma

- Urethral
- Ureteral, *specify side*

Other, *specify*

S3.08 *REGIONAL LYMPH NODES STATUS

- No regional nodes submitted
- Not involved (record no. of LN examined)
- Involved

Number of lymph nodes examined

No. of positive lymph nodes

 Number cannot be determined

Size of largest metastasis

 mm

Location(s) of involved lymph nodes

G3.04 EXTRANODAL SPREAD

- Not identified
- Present

S3.09 *HISTOLOGICALLY CONFIRMED DISTANT METASTASES

- Not identified
- Indeterminate
- Present, *specify site(s)*

G3.05 *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*

G3.06 OTHER MICROSCOPIC COMMENT

Ancillary findings

G4.01 *ANCILLARY STUDIES

- Not performed
- Performed

Describe

Synthesis and overview

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

S5.02 YEAR AND EDITION OF STAGING SYSTEM

G5.01 DIAGNOSTIC SUMMARY

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

G5.02 CARCINOMA OF THE URINARY BLADDER (RADICAL AND PARTIAL CYSTECTOMY, CYSTOPROSTATECTOMY) STRUCTURED REPORTING PROTOCOL (2nd Edition 2018)

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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Worksheet prepared by:

On: